

Converting Colors

$Y_{xy}(133.1158, 0.4201, 0.3311)$

Have a look what the booklet for
Yxy(133.1158, 0.4201, 0.3311)
contains.

Yxy(92.3122, 0.3217, 0.3319)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(92.3122, 0.3217, 0.3319)

Conversions

Conversions Part 1

Format	Color
Hex	FFF4F1
RGB	255, 244, 241
RGB Percent	100%, 96%, 95%
CMY	0.0000, 0.0431, 0.0548
CMYK	0.00, 0.04, 0.05, 0.00
HSL	13°, 100%, 97%
HSV	13°, 5%, 100%
XYZ	89.4752, 92.3122, 96.3451
YIQ	246.9470, 7.5190, 1.3990

Conversions

Conversions Part 2

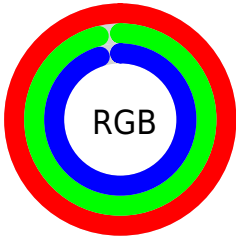
Format	Color
R _Y B	255, 245, 241
Decimal	16774385
CIE Lab	96.95, 3.19, 2.73
CIE LCh	97, 4.197, 40.562
Yxy	92.3122, 0.3217, 0.3319
Android (android.graphics.Color)	4294964465 (0xFFFFF4F1)
YUV	246.9470, -2.9319, 7.0625
Hunter-Lab	96.0792, -1.9078, 7.8014

Details

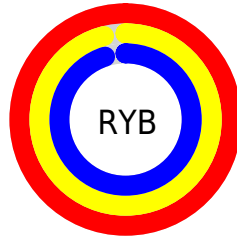
The Yxy color 92.3122, 0.3217, 0.3319 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 95.5683, 0.3042, 0.3261, and the grayscale version is 92.9878, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.4750, 0.3234, 0.3327 is the 20% darker color. If you saturate the color by 10%, you get 79.4590, 0.3407, 0.3375, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

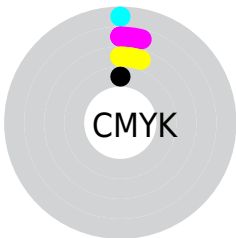
Distribution



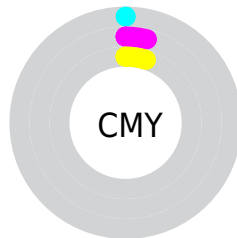
- Red (100%)
- Green (96%)
- Blue (95%)



- Red (100%)
- Yellow (96%)
- Blue (95%)



- Cyan (0%)
- Magenta (4%)
- Yellow (5%)
- Black (0%)





- Cyan (0%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 92.3122, 0.3217, 0.3319 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 92.3122, 0.3217, 0.3319 by changing the saturation by 10% instead.

 92.3122, 0.3217,
0.3319

 92.3122, 0.3217,
0.3319


535.5240, 0.3177,
0.3306

 69.9000, 0.3226,
0.3322

150.5460, 0.3203,
0.3315

 51.4450, 0.3236,
0.3325


187.1364, 0.3198,
0.3313

 36.5629, 0.3250,
0.3329


229.2216, 0.3193,
0.3312

 24.8692, 0.3267,
0.3334

277.1860, 0.3189,
0.3310

 15.9796, 0.3289,
0.3341

331.4141, 0.3186,
0.3309

 9.5098, 0.3320,
0.3350

392.2902, 0.3183,

 5.0751, 0.3365,

0.3308

0.3363

460.1987, 0.3180,
0.3307

■ 2.2914, 0.3438,
0.3384

■ 0.7692, 0.3636,
0.3457

■ 92.3122, 0.3217,
0.3319

■ 92.3122, 0.3217,
0.3319

■ 79.4590, 0.3407,
0.3375

100.0000, 0.3127,
0.3290

■ 68.0841, 0.3636,
0.3434

■ 58.1350, 0.3911,
0.3494

■ 49.5549, 0.4236,
0.3551

■ 42.2829, 0.4608,
0.3598

■ 36.2536, 0.5015,
0.3626

■ 31.3956, 0.5427,
0.3624

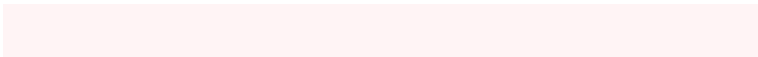
■ 27.6300, 0.5800,
0.3586

■ 24.8670, 0.6085,
0.3511

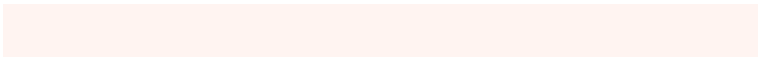
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.3122, 0.3195, 0.3278



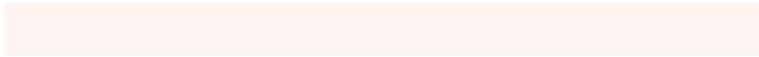
92.3122, 0.3217, 0.3319



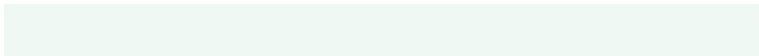
92.3122, 0.3214, 0.3353

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.3122, 0.3217, 0.3319



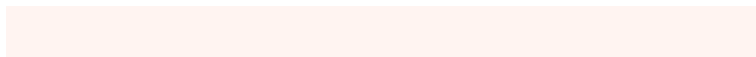
92.3122, 0.3099, 0.3341



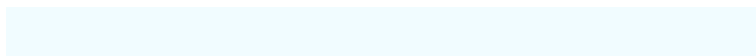
92.3122, 0.3066, 0.3211

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



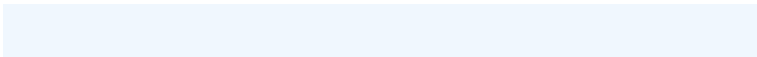
92.3122, 0.3217, 0.3319



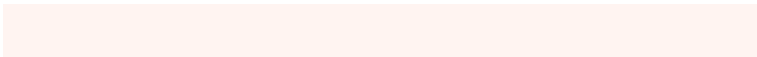
95.5683, 0.3042, 0.3261

Split Complementary

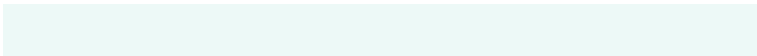
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.3122, 0.3041, 0.3227



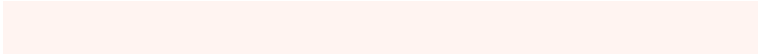
92.3122, 0.3217, 0.3319



92.3122, 0.3060, 0.3302

Square

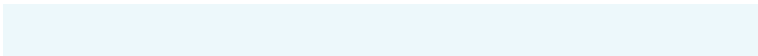
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.3122, 0.3217, 0.3319



92.3122, 0.3146, 0.3366



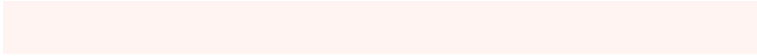
92.3122, 0.3038, 0.3260



92.3122, 0.3108, 0.3216

Rectangle

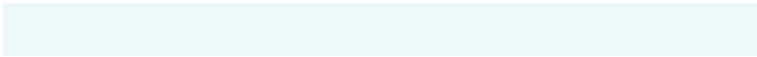
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



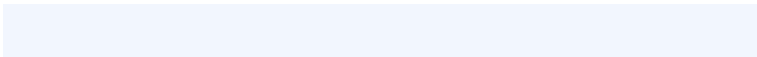
92.3122, 0.3217, 0.3319



92.3122, 0.3199, 0.3367



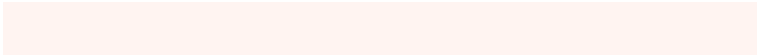
92.3122, 0.3038, 0.3260



92.3122, 0.3056, 0.3214

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



92.3134, 0.3217, 0.3319



97.1397, 0.3159, 0.3300



91.2310, 0.3150, 0.3183



20.8219, 0.3157, 0.3300



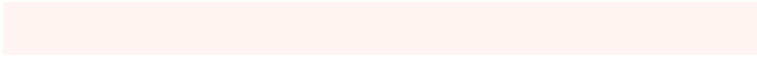
0.0000, 0.0000, 0.0000



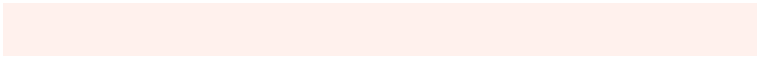
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.3134, 0.3217, 0.3319



90.2588, 0.3244, 0.3327



96.4883, 0.3212, 0.3384



19.1469, 0.3254, 0.3331



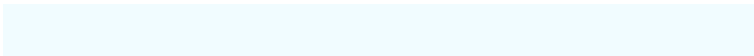
12.6684, 0.6157, 0.3493



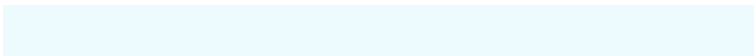
1.3834, 0.5948, 0.3659

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



95.5683, 0.3042, 0.3261



94.3754, 0.3018, 0.3252



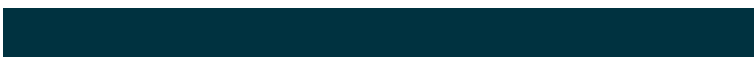
91.3660, 0.3043, 0.3194



20.1000, 0.3009, 0.3249



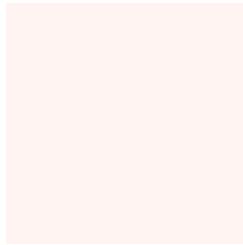
25.7877, 0.2053, 0.2590



2.6666, 0.2078, 0.2679

Previews

White Background



This preview shows how the Yxy color 92.3122, 0.3217, 0.3319 looks on a white background.

Color Contrast Check

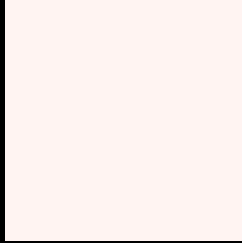
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 92.3122, 0.3217, 0.3319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

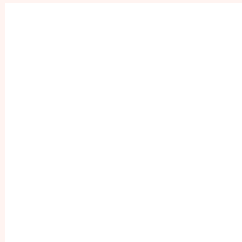
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.3122, 0.3217, 0.3319

Background



This preview shows how black text looks on a background with the Yxy color 92.3122, 0.3217, 0.3319.



This preview shows how white text looks on a background with the Yxy color 92.3122, 0.3217, 0.3319.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

92.3122, 0.3217, 0.3319

Protanopia

92.4111, 0.3191, 0.3319

Deuteranopia

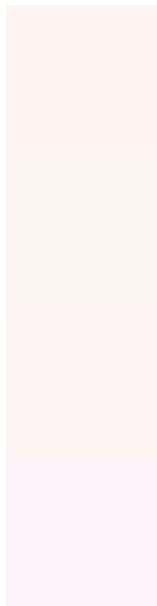
92.5539, 0.3193, 0.3281



Tritanopia

92.3920, 0.3126, 0.3175

Trichromacy



Original Color

92.3122, 0.3217, 0.3319

Protanomaly

92.5983, 0.3197, 0.3319

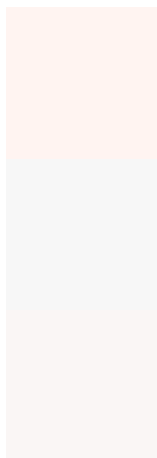
Deuteranomaly

92.4930, 0.3199, 0.3290

Tritanomaly

92.0741, 0.3156, 0.3223

Monochromacy



Original Color

92.3122, 0.3217, 0.3319

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

92.8281, 0.3159, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.3122, 0.3217, 0.3319 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color $rgb(255, 244, 241)$ looks like.

```
.text, #text, p{  
    color:rgb(255, 244, 241)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 244, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 244, 241) }
```

Border

The CSS property to change the border of an element to Yxy 92.3122, 0.3217, 0.3319 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 244, 241) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 244, 241) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 244, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 244, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 244, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 244,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 92.3122, 0.3217, 0.3319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 244, 241) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
244, 241) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor