

Converting Colors

Yxy(91.8430, 0.3226, 0.3326)

Have a look what the booklet for
Yxy(91.8430, 0.3226, 0.3326)
contains.

Yxy(91.6525, 0.3224, 0.3319)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(91.6525, 0.3224, 0.3319)

Conversions

Conversions Part 1

Format	Color
Hex	FFF3F0
RGB	255, 243, 240
RGB Percent	100%, 95%, 94%
CMY	0.0000, 0.0471, 0.0587
CMYK	0.00, 0.05, 0.06, 0.00
HSL	12°, 100%, 97%
HSV	12°, 6%, 100%
XYZ	89.0291, 91.6525, 95.4633
YIQ	246.2460, 8.1150, 1.6110

Conversions

Conversions Part 2

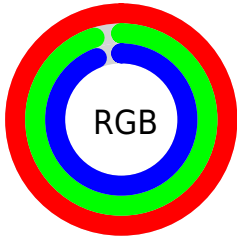
Format	Color
RYB	255, 244, 240
Decimal	16774128
CIELab	96.68, 3.54, 2.85
CIELCh	97, 4.542, 38.893
Yxy	91.6525, 0.3224, 0.3319
Android (android.graphics.Color)	4294964208 (0xFFFFF3F0)
YUV	246.2460, -3.0793, 7.6773
Hunter-Lab	95.7353, -1.5406, 7.8932

Details

The Yxy color **91.6525, 0.3224, 0.3319** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **95.3980, 0.3036, 0.3261**, and the grayscale version is **92.3891, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.0071, 0.3243, 0.3327** is the 20% darker color. If you saturate the color by 10%, you get **78.6715, 0.3416, 0.3371**, and if you desaturate by 10%, it is **100.0000, 0.3127, 0.3290**.

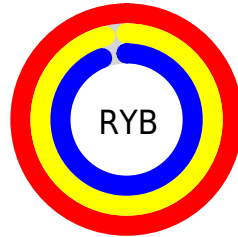
Distribution



Red (100%)

Green (95%)

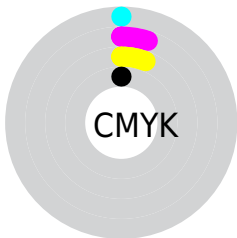
Blue (94%)



Red (100%)

Yellow (96%)

Blue (94%)

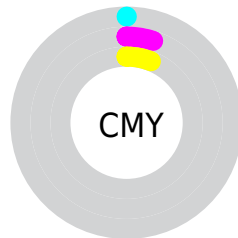


Cyan (0%)

Magenta (5%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (5%)

Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.6525, 0.3224, 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 91.6525, 0.3224, 0.3319 by changing the saturation by 10% instead.

 91.6525, 0.3224,
0.3319

 91.6525, 0.3224,
0.3319


533.3918, 0.3181,
0.3306

 69.3520, 0.3233,
0.3322

149.6317, 0.3209,
0.3315

 50.9985, 0.3245,
0.3325


186.0792, 0.3204,
0.3313

 36.2074, 0.3259,
0.3329


228.0111, 0.3199,
0.3312

 24.5944, 0.3278,
0.3334

275.8120, 0.3194,
0.3310

 15.7751, 0.3302,
0.3341

329.8661, 0.3190,
0.3309

 9.3652, 0.3335,
0.3350

390.5578, 0.3187,

 4.9801, 0.3384,

0.3308

0.3363

458.2716, 0.3184,
0.3307

■ 2.2356, 0.3464,
0.3383

■ 0.7393, 0.3697,
0.3465

■ 91.6525, 0.3224,
0.3319

■ 91.6525, 0.3224,
0.3319

■ 78.6715, 0.3416,
0.3371

100.0000, 0.3127,
0.3290

■ 67.2150, 0.3649,
0.3427

■ 57.2259, 0.3928,
0.3483

■ 48.6443, 0.4259,
0.3535

■ 41.4063, 0.4638,
0.3578

■ 35.4427, 0.5052,
0.3602

■ 30.6780, 0.5469,
0.3598

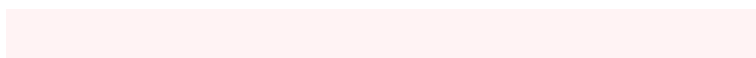
■ 27.0286, 0.5843,
0.3558

■ 24.3989, 0.6122,
0.3485

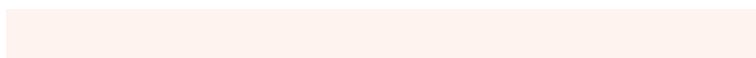
Harmonies

Analogous

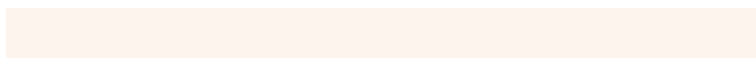
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.6525, 0.3199, 0.3274



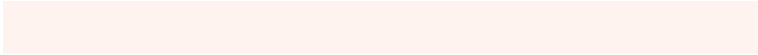
91.6525, 0.3224, 0.3319



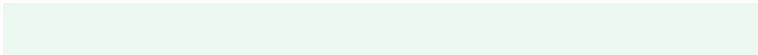
91.6525, 0.3223, 0.3357

Triad

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



91.6525, 0.3224, 0.3319



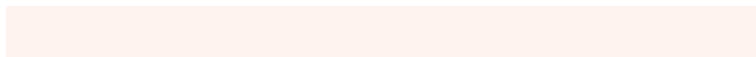
91.6525, 0.3099, 0.3347



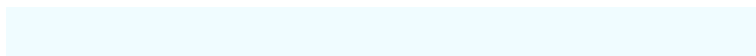
91.6525, 0.3059, 0.3204

Complementary

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



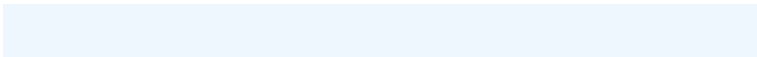
91.6525, 0.3224, 0.3319



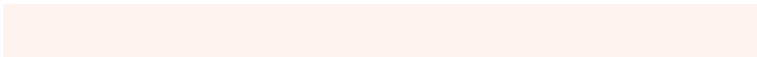
95.3980, 0.3036, 0.3261

Split Complementary

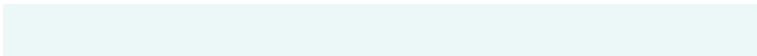
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.6525, 0.3033, 0.3223



91.6525, 0.3224, 0.3319



91.6525, 0.3056, 0.3306

Square

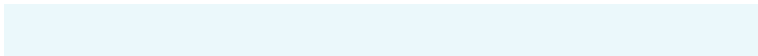
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.6525, 0.3224, 0.3319



91.6525, 0.3150, 0.3373



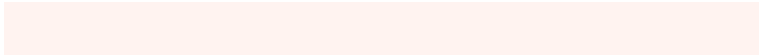
91.6525, 0.3031, 0.3260



91.6525, 0.3104, 0.3209

Rectangle

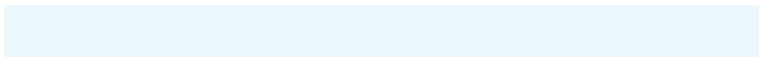
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



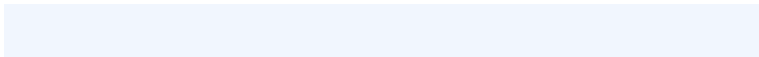
91.6525, 0.3224, 0.3319



91.6525, 0.3207, 0.3372



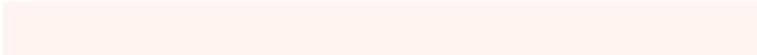
91.6525, 0.3031, 0.3260



91.6525, 0.3048, 0.3208

Sweetspot

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



91.6519, 0.3224, 0.3319



97.0931, 0.3159, 0.3300



90.6461, 0.3151, 0.3172



20.8124, 0.3157, 0.3299



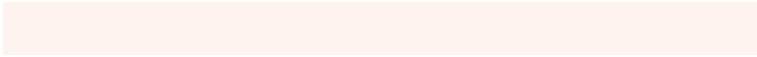
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



91.6519, 0.3224, 0.3319



90.1046, 0.3244, 0.3325



96.0872, 0.3218, 0.3389



19.1112, 0.3255, 0.3328



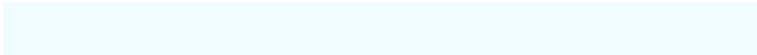
12.4837, 0.6184, 0.3472



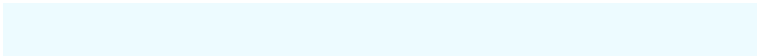
1.3595, 0.5980, 0.3634

Inverse Universe

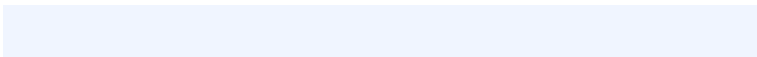
The Inverse Universe completely reimagines the original color for something new.



95.3980, 0.3036, 0.3261



94.5387, 0.3018, 0.3255



90.9202, 0.3037, 0.3189



20.1379, 0.3009, 0.3252



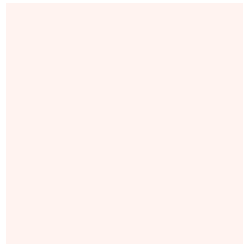
26.6953, 0.2067, 0.2641



2.7475, 0.2090, 0.2723

Previews

White Background



This preview shows how the Yxy color 91.6525, 0.3224, 0.3319 looks on a white background.

Color Contrast Check

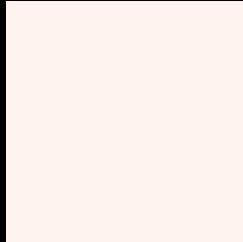
Large Text (above 18pt) WCAG AA × Fail

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 91.6525, 0.3224, 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

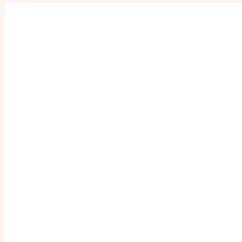
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.6525, 0.3224, 0.3319

Background



This preview shows how black text looks on a background with the Yxy color 91.6525, 0.3224, 0.3319.



This preview shows how white text looks on a background with the Yxy color 91.6525, 0.3224, 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

91.6525, 0.3224, 0.3319

Protanopia

91.5615, 0.3191, 0.3320

Deuteranopia

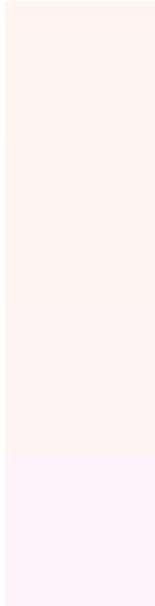
91.8928, 0.3199, 0.3281



Tritanopia

91.7951, 0.3127, 0.3165

Trichromacy



Original Color

91.6525, 0.3224, 0.3319

Protanomaly

91.7477, 0.3197, 0.3319

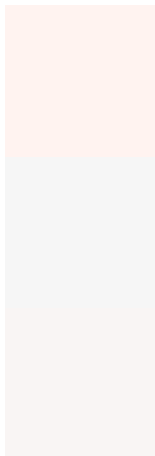
Deuteranomaly

91.8322, 0.3206, 0.3290

Tritanomaly

91.4772, 0.3157, 0.3213

Monochromacy



Original Color

91.6525, 0.3224, 0.3319

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

91.9762, 0.3159, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.6525, 0.3224, 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, 243, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 243, 240)  
}
```

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, 243, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 243, 240) }
```

Border

The CSS property to change the border of an element to Yxy 91.6525, 0.3224, 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, 243, 240) }
```

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

```
.border{ border-color:rgb(255, 243, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 243, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 243, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 243, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 243,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 91.6525, 0.3224, 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, 243, 240) }
```

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

```
.background{ background-color: rgb(255,  
243, 240) }
```

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