

Converting Colors

$Yxy(93.1529, 0.3208, 0.3319)$

Have a look what the booklet for
Yxy(93.1529, 0.3208, 0.3319)
contains.

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Color

Yxy(92.9756, 0.3210, 0.3319)

Conversions

Conversions Part 1

Format	Color
Hex	FFF5F2
RGB	255, 245, 242
RGB Percent	100%, 96%, 95%
CMY	0.0000, 0.0392, 0.0509
CMYK	0.00, 0.04, 0.05, 0.00
HSL	14°, 100%, 97%
HSV	14°, 5%, 100%
XYZ	89.9222, 92.9756, 97.2336
YIQ	247.6480, 6.9230, 1.1870

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 246, 242
Decimal	16774642
CIE Lab	97.22, 2.84, 2.61
CIE LCh	97, 3.854, 42.546
Yxy	92.9756, 0.3210, 0.3319
Android (android.graphics.Color)	4294964722 (0xFFFFF5F2)
YUV	247.6480, -2.7845, 6.4477
Hunter-Lab	96.4239, -2.2777, 7.7088

Details

The Yxy color 92.9756, 0.3210, 0.3319 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 95.7392, 0.3048, 0.3261, and the grayscale version is 93.5897, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.9461, 0.3225, 0.3327 is the 20% darker color. If you saturate the color by 10%, you get 80.2856, 0.3398, 0.3379, and if you desaturate by 10%, it is 99.9998, 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 92.9756, 0.3210, 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 92.9756, 0.3210, 0.3319 by changing the saturation by 10% instead.

 92.9756, 0.3210,
0.3319

 92.9756, 0.3210,
0.3319


537.6636, 0.3173,
0.3306

 70.4512, 0.3218,
0.3322

151.4648, 0.3198,
0.3315

 51.8945, 0.3228,
0.3325


188.1985, 0.3193,
0.3313

 36.9210, 0.3240,
0.3329


230.4373, 0.3188,
0.3312

 25.1463, 0.3255,
0.3334

278.5658, 0.3185,
0.3310

 16.1861, 0.3276,
0.3341

332.9682, 0.3181,
0.3309

 9.6559, 0.3304,
0.3350

394.0291, 0.3178,

 5.1714, 0.3345,

0.3308

0.3363

462.1327, 0.3176,
0.3307

■ 2.3482, 0.3412,
0.3384

■ 0.7990, 0.3579,
0.3451

■ 92.9756, 0.3210,
0.3319

■ 92.9756, 0.3210,
0.3319

■ 80.2856, 0.3398,
0.3379

99.9998, 0.3127,
0.3290

■ 69.0202, 0.3624,
0.3443

■ 59.1328, 0.3894,
0.3508

■ 50.5696, 0.4212,
0.3569

■ 43.2734, 0.4577,
0.3621

■ 37.1828, 0.4975,
0.3653

■ 32.2308, 0.5381,
0.3655

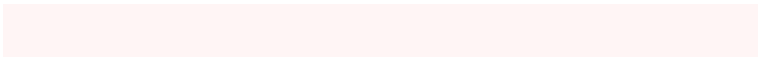
■ 28.3435, 0.5752,
0.3618

■ 25.4375, 0.6042,
0.3542

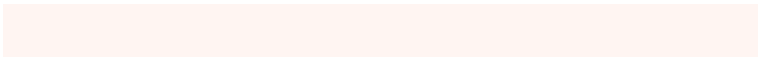
Harmonies

Analogous

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



92.9756, 0.3192, 0.3281



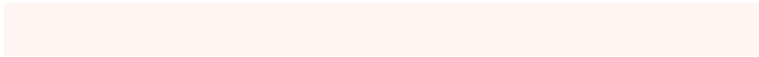
92.9756, 0.3210, 0.3319



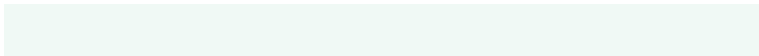
92.9756, 0.3206, 0.3349

Triad

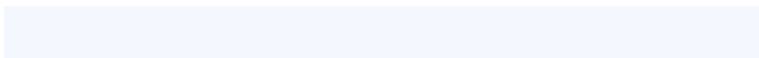
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.9756, 0.3210, 0.3319



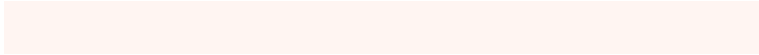
92.9756, 0.3098, 0.3335



92.9756, 0.3074, 0.3217

Complementary

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



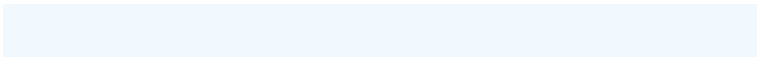
92.9756, 0.3210, 0.3319



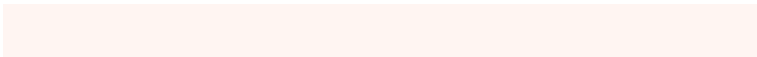
95.7392, 0.3048, 0.3261

Split Complementary

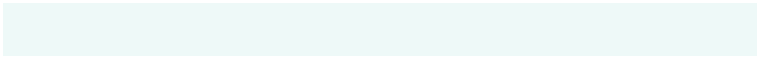
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.9756, 0.3049, 0.3231



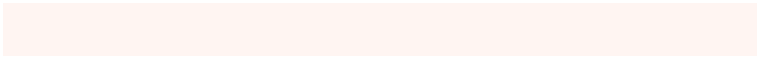
92.9756, 0.3210, 0.3319



92.9756, 0.3063, 0.3299

Square

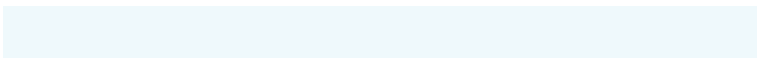
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.9756, 0.3210, 0.3319



92.9756, 0.3141, 0.3359



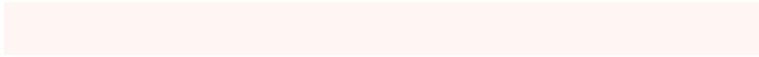
92.9756, 0.3045, 0.3261



92.9756, 0.3113, 0.3223

Rectangle

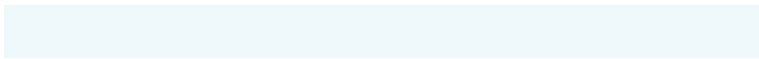
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.9756, 0.3210, 0.3319



92.9756, 0.3191, 0.3361



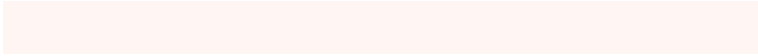
92.9756, 0.3045, 0.3261



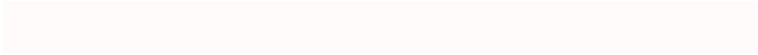
92.9756, 0.3063, 0.3220

Sweetspot

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



92.9796, 0.3210, 0.3319



97.1936, 0.3159, 0.3301



91.8224, 0.3150, 0.3192



20.8329, 0.3157, 0.3301



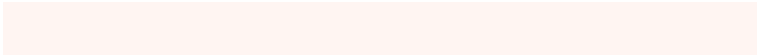
0.0000, 0.0000, 0.0000



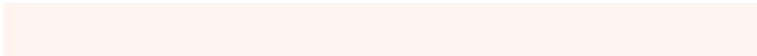
21.4041, 0.3127, 0.3290

Same Dimension

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



92.9796, 0.3210, 0.3319



91.7594, 0.3226, 0.3324



96.8697, 0.3205, 0.3380



19.4552, 0.3237, 0.3328



12.8992, 0.6124, 0.3520



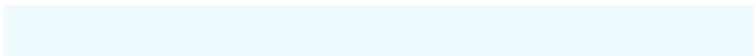
1.4126, 0.5911, 0.3689

Inverse Universe

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



95.7392, 0.3048, 0.3261



94.9948, 0.3034, 0.3255



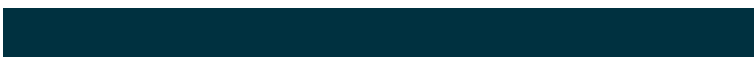
91.8346, 0.3049, 0.3199



20.2196, 0.3024, 0.3252



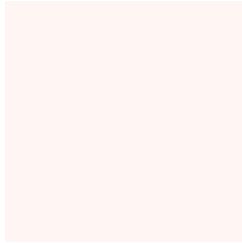
24.7637, 0.2036, 0.2531



2.5750, 0.2063, 0.2627

Previews

White Background



This preview shows how the Yxy color 92.9756, 0.3210, 0.3319 looks on a white background.

Color Contrast Check

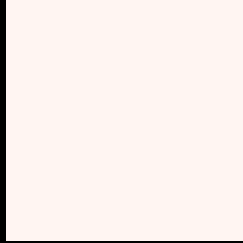
Large Text (above 18pt) WCAG AA × Fail

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 92.9756, 0.3210, 0.3319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

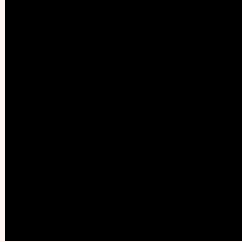
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

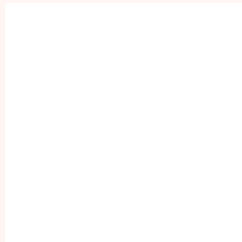
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.9756, 0.3210, 0.3319

Background



This preview shows how black text looks on a background with the Yxy color 92.9756, 0.3210, 0.3319.



This preview shows how white text looks on a background with the Yxy color 92.9756, 0.3210, 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

92.9756, 0.3210, 0.3319

Protanopia

93.0780, 0.3184, 0.3319

Deuteranopia

93.2186, 0.3186, 0.3281



Tritanopia

92.8040, 0.3119, 0.3184

Trichromacy



Original Color

92.9756, 0.3210, 0.3319

Protanomaly

93.2652, 0.3190, 0.3319

Deuteranomaly

93.1574, 0.3192, 0.3290

Tritanomaly

92.6743, 0.3156, 0.3232

Monochromacy



Original Color

92.9756, 0.3210, 0.3319

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

93.6846, 0.3159, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.9756, 0.3210, 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, 245, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 245, 242)  
}
```

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, 245, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 245, 242) }
```

Border

The CSS property to change the border of an element to Yxy 92.9756, 0.3210, 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, 245, 242) }
```

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

```
.border{ border-color:rgb(255, 245, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 245, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 245, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 245, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 245,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 92.9756, 0.3210, 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, 245, 242) }
```

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

```
.background{ background-color: rgb(255,  
245, 242) }
```

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](#).

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