

Converting Colors

$Yxy(92.6951, 0.3161, 0.3350)$

Have a look what the booklet for
Yxy(92.6951, 0.3161, 0.3350)
contains.

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Color

Yxy(92.6466, 0.3163, 0.3349)

Conversions

Conversions Part 1

Format	Color
Hex	F7F7F1
RGB	247, 247, 241
RGB Percent	97%, 97%, 95%
CMY	0.0313, 0.0314, 0.0549
CMYK	0.00, 0.00, 0.02, 0.03
HSL	60°, 27%, 96%
HSV	60°, 2%, 97%
XYZ	87.5011, 92.6466, 96.4919
YIQ	246.3160, 1.9260, -1.8660

Conversions

Conversions Part 2

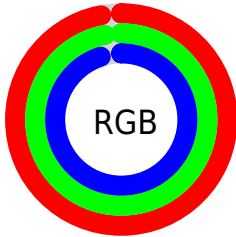
Format	Color
R _Y B	241, 247, 241
Decimal	16250865
CIE Lab	97.08, -1.03, 2.87
CIE LCh	97, 3.046, 109.752
Yxy	92.6466, 0.3163, 0.3349
Android (android.graphics.Color)	4294440945 (0xFFFF7F7F1)
YUV	246.3160, -2.6208, 0.5999
Hunter-Lab	96.2531, -6.1734, 7.9401

Details

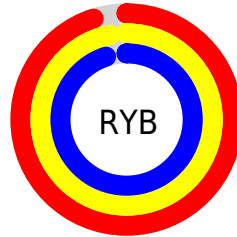
The Yxy color 92.6466, 0.3163, 0.3349 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.3437, 0.3091, 0.3230, and the grayscale version is 92.4534, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.8408, 0.3173, 0.3365 is the 20% darker color. If you saturate the color by 10%, you get 91.2208, 0.3314, 0.3597, and if you desaturate by 10%, it is 93.5717, 0.3080, 0.3213.

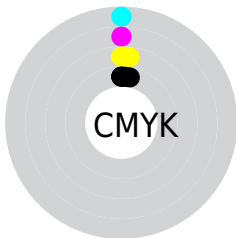
Distribution



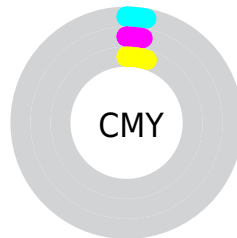
- Red (97%)
- Green (97%)
- Blue (95%)



- Red (95%)
- Yellow (97%)
- Blue (95%)



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (3%)





- Cyan (3%)
- Magenta (3%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 92.6466, 0.3163, 0.3349 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 92.6466, 0.3163, 0.3349 by changing the saturation by 10% instead.


 92.6466, 0.3163,
0.3349

 92.6466, 0.3163,
0.3349

536.6031, 0.3147,
0.3323

 70.1778, 0.3166,
0.3355

151.0092, 0.3158,
0.3340

 51.6715, 0.3171,
0.3362

187.6719, 0.3156,
0.3337

 36.7433, 0.3176,
0.3370


229.8346, 0.3154,
0.3334

 25.0088, 0.3182,
0.3381

277.8818, 0.3152,
0.3331

 16.0836, 0.3191,
0.3396

332.1978, 0.3151,
0.3329

 9.5833, 0.3203,
0.3416

393.1671, 0.3149,

 5.1236, 0.3221,

0.3326

461.1741, 0.3148,
0.3325

0.3446

■ 2.3200, 0.3249,
0.3493

■ 0.7842, 0.3338,
0.3634

■ 92.6466, 0.3163,
0.3349

■ 92.6466, 0.3163,
0.3349

■ 91.2208, 0.3314,
0.3597

■ 93.5717, 0.3080,
0.3213

■ 89.9832, 0.3467,
0.3849

■ 93.6239, 0.3080,
0.3214


■ 88.9292, 0.3618,
0.4099

■ 93.6762, 0.3080,
0.3215


■ 88.0497, 0.3763,
0.4335


■ 93.7285, 0.3080,
0.3216


 87.3347, 0.3893,
0.4549


 93.7808, 0.3080,
0.3216

 86.7733, 0.4004,
0.4731

 93.8331, 0.3080,
0.3217


 86.3531, 0.4091,
0.4874

 93.8855, 0.3080,
0.3218

 86.0599, 0.4152,
0.4973

 93.9379, 0.3080,
0.3219

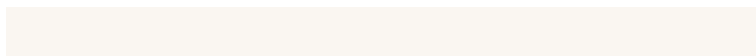
 85.8765, 0.4187,
0.5028

 93.9903, 0.3080,
0.3220

Harmonies

Analogous

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



92.6466, 0.3186, 0.3341



92.6466, 0.3163, 0.3349



92.6466, 0.3130, 0.3341

Triad

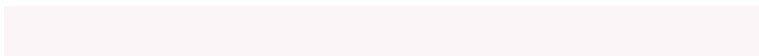
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.6466, 0.3163, 0.3349



92.6466, 0.3061, 0.3260



92.6466, 0.3158, 0.3262

Complementary

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



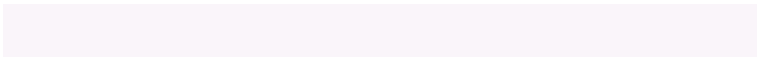
92.6466, 0.3163, 0.3349



88.3437, 0.3091, 0.3230

Split Complementary

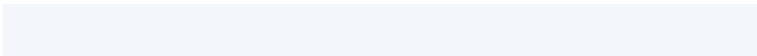
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.6466, 0.3124, 0.3240



92.6466, 0.3163, 0.3349



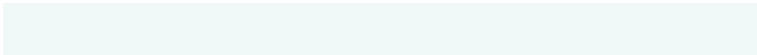
92.6466, 0.3069, 0.3239

Square

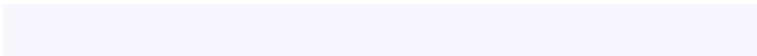
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



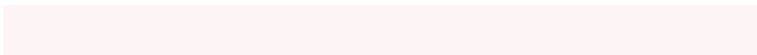
92.6466, 0.3163, 0.3349



92.6466, 0.3072, 0.3290



92.6466, 0.3091, 0.3232



92.6466, 0.3183, 0.3291

Rectangle

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



92.6466, 0.3163, 0.3349



92.6466, 0.3108, 0.3328



92.6466, 0.3091, 0.3232



92.6466, 0.3147, 0.3253

Sweetspot

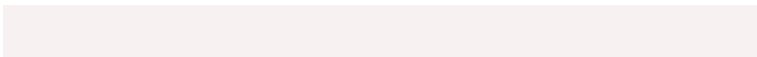
The Sweet Spot groups the original color and five complimentary colors.



92.6506, 0.3163, 0.3349



99.8312, 0.3142, 0.3314



89.0482, 0.3166, 0.3289



21.3698, 0.3141, 0.3313



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.



92.6506, 0.3163, 0.3349



99.5002, 0.3171, 0.3363



92.1387, 0.3144, 0.3350



19.4764, 0.3183, 0.3382



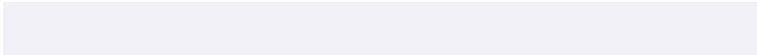
45.3682, 0.4199, 0.5048



3.9906, 0.4198, 0.5048

Inverse Universe

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



88.3437, 0.3091, 0.3230



93.8099, 0.3082, 0.3216



88.8473, 0.3110, 0.3230



18.0763, 0.3070, 0.3196



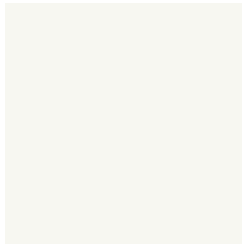
3.5655, 0.1501, 0.0602



0.3165, 0.1502, 0.0608

Previews

White Background



This preview shows how the Yxy color 92.6466, 0.3163, 0.3349 looks on a white background.

Color Contrast Check

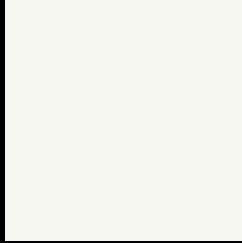
Large Text (above 18pt) WCAG AA × Fail

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 92.6466, 0.3163, 0.3349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

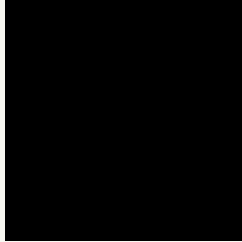
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

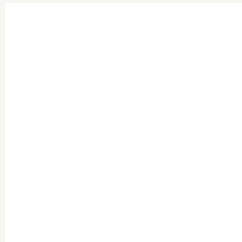
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.6466, 0.3163, 0.3349

Background



This preview shows how black text looks on a background with the Yxy color 92.6466, 0.3163, 0.3349.

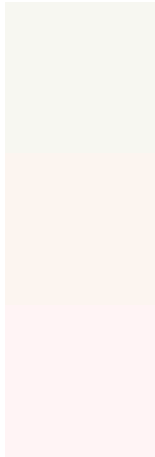


This preview shows how white text looks on a background with the Yxy color 92.6466, 0.3163, 0.3349.

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

92.6466, 0.3163, 0.3349

Protanopia

92.2915, 0.3203, 0.3339

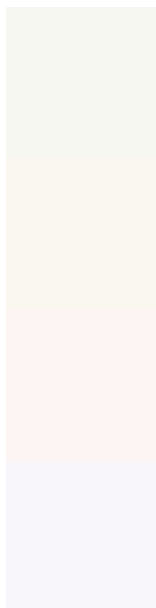
Deuteranopia

92.5539, 0.3193, 0.3281

Tritanopia

92.4813, 0.3087, 0.3193

Trichromacy



Original Color

92.6466, 0.3163, 0.3349

Protanomaly

92.5268, 0.3189, 0.3349

Deuteranomaly

92.5319, 0.3178, 0.3300

Tritanomaly

92.7701, 0.3116, 0.3251

Monochromacy



Original Color

92.6466, 0.3163, 0.3349

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.0360, 0.3139, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.6466, 0.3163, 0.3349 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 $rgb(247, 247, 241)$ looks like.

```
.text, #text, p{  
    color:rgb(247, 247, 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(247, 247, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 247, 241) }
```

Border

The CSS property to change the border of an element to Yxy 92.6466, 0.3163, 0.3349 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(247, 247, 241) }
```

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

```
.border{ border-color:rgb(247, 247, 241) }
```

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

Here you see how a box with a 4 pixel rgb(247, 247, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 247, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 247, 241);  
box-shadow:4px 4px 4px 4px rgb(247, 247,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 92.6466, 0.3163, 0.3349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 247, 241) }
```

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

```
.background{ background-color: rgb(247,  
247, 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](#).

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