

Converting Colors

Yxy(38.6381, 0.3192, 0.2071)

Have a look what the booklet for
Yxy(38.6381, 0.3192, 0.2071)
contains.

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Color

Yxy(38.6591, 0.3194, 0.2072)

Conversions

Conversions Part 1

Format	Color
Hex	F377F2
RGB	243, 119, 242
RGB Percent	95%, 47%, 95%
CMY	0.0469, 0.5334, 0.0510
CMYK	0.00, 0.51, 0.00, 0.05
HSL	300°, 84%, 71%
HSV	300°, 51%, 95%
XYZ	59.5932, 38.6591, 88.3263
YIQ	170.0980, 34.4210, 64.5410

Conversions

Conversions Part 2

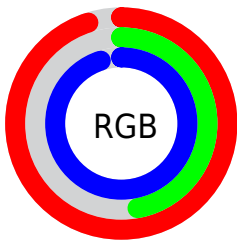
Format	Color
R _Y B	243, 119, 242
Decimal	15955954
CIE Lab	68.50, 63.71, -40.83
CIE LCh	69, 75.668, 327.344
Yxy	38.6591, 0.3194, 0.2072
Android (android.graphics.Color)	4294146034 (0xFF377F2)
YUV	170.0980, 35.4477, 63.9351
Hunter-Lab	62.1764, 62.2752, -40.7024

Details

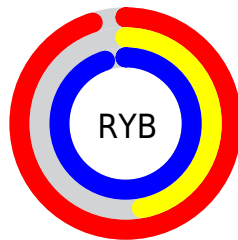
The Yxy color $38.6591, 0.3194, 0.2072$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $69.3960, 0.3046, 0.4909$, and the grayscale version is $40.0564, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.1399, 0.3164, 0.2508$, and $17.1384, 0.3184, 0.1804$ is the 20% darker color. If you saturate the color by 10%, you get $33.5859, 0.3205, 0.1887$, and if you desaturate by 10%, it is $45.2143, 0.3182, 0.2287$.

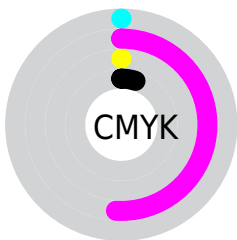
Distribution



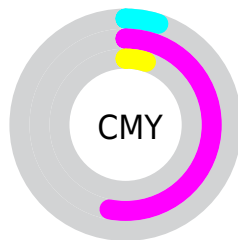
- Red (95%)
- Green (47%)
- Blue (95%)



- Red (95%)
- Yellow (47%)
- Blue (95%)



- Cyan (0%)
- Magenta (51%)
- Yellow (0%)
- Black (5%)





- Cyan (5%)
- Magenta (53%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.6591, 0.3194, 0.2072 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 38.6591, 0.3194, 0.2072 by changing the saturation by 10% instead.


 38.6591, 0.3194,
0.2072


 38.6591, 0.3194,
0.2072


340.4389, 0.3185,
0.2626


 26.4946, 0.3190,
0.1950


 73.1172, 0.3196,
0.2261

 17.1940, 0.3182,
0.1803


 96.1797, 0.3195,
0.2335

 10.3729, 0.3166,
0.1622


 123.6436, 0.3194,
0.2400

 5.6469, 0.3137,
0.1396

155.8934, 0.3192,
0.2457

 2.6316, 0.3081,
0.1112

193.3135, 0.3191,
0.2506

 0.9426, 0.2968,
0.0758

236.2881, 0.3189,

 0.0000, 0.2825,

0.2551

0.0000

285.2018, 0.3187,
0.2590

■ 0.0000, 0.1811,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 38.6591, 0.3194,
0.2072

■ 38.6591, 0.3194,
0.2072

■ 33.5859, 0.3205,
0.1887

■ 45.2143, 0.3182,
0.2287

■ 29.8745, 0.3214,
0.1741


■ 53.3494, 0.3168,
0.2523


■ 27.3945, 0.3222,
0.1638

■ 63.1597, 0.3155,
0.2771

■ 25.9877, 0.3227,
0.1578

■ 74.7318, 0.3141,
0.3020


 25.4118, 0.3230,
0.1553

 88.1461, 0.3128,
0.3265

 97.0637, 0.3121,
0.3406

 97.0758, 0.3119,
0.3404

 97.0880, 0.3118,
0.3402

 97.1003, 0.3117,
0.3400

Harmonies

Analogous

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



38.6591, 0.2212, 0.1771



38.6591, 0.3194, 0.2072



38.6591, 0.4355, 0.2602

Triad

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



38.6591, 0.3194, 0.2072



38.6591, 0.4659, 0.4763



38.6591, 0.1438, 0.2790

Complementary

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



38.6591, 0.3194, 0.2072



69.3960, 0.3046, 0.4909

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.



38.6591, 0.1904, 0.4024



38.6591, 0.3194, 0.2072



38.6591, 0.3755, 0.5337

Square

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



38.6591, 0.3194, 0.2072



38.6591, 0.5226, 0.3998



38.6591, 0.2752, 0.5155



38.6591, 0.1358, 0.2042

Rectangle

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



38.6591, 0.3194, 0.2072



38.6591, 0.4967, 0.3037



38.6591, 0.2752, 0.5155



38.6591, 0.1547, 0.3158

Sweetspot

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



38.6608, 0.3194, 0.2072



77.9565, 0.3147, 0.2921



23.5837, 0.2144, 0.1664



16.1026, 0.3150, 0.2868



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.



38.6608, 0.3194, 0.2072



37.4065, 0.3205, 0.1886



35.5864, 0.3835, 0.2629



16.7658, 0.3139, 0.3059



13.9441, 0.3230, 0.1553



1.2263, 0.3227, 0.1551

Inverse Universe

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



38.6608, 0.3194, 0.2072



37.4065, 0.3205, 0.1886



71.3761, 0.2753, 0.4094



16.7658, 0.3139, 0.3059



13.9441, 0.3230, 0.1553



1.2263, 0.3227, 0.1551

Previews

White Background



This preview shows how the Yxy color 38.6591, 0.3194, 0.2072 looks on a white background.

Color Contrast Check

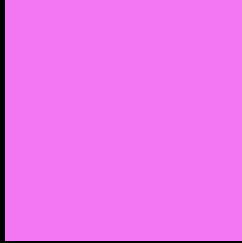
Large Text (above 18pt) WCAG AA × Fail

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 38.6591, 0.3194, 0.2072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

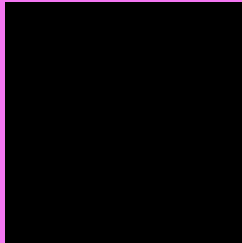
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.6591, 0.3194, 0.2072

Background



This preview shows how black text looks on a background with the Yxy color 38.6591, 0.3194, 0.2072.

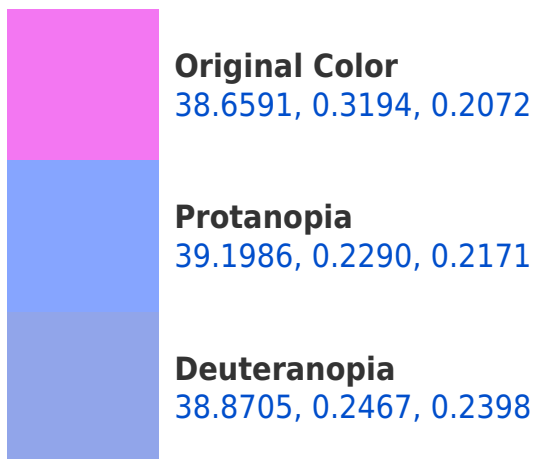


This preview shows how white text looks on a background with the Yxy color 38.6591, 0.3194, 0.2072.

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





Tritanopia

38.4726, 0.3989, 0.3166

Trichromacy



Original Color

38.6591, 0.3194, 0.2072



Protanomaly

37.0806, 0.2551, 0.2088



Deuteranomaly

37.1180, 0.2691, 0.2223



Tritanomaly

38.1107, 0.3686, 0.2715

Monochromacy



Original Color

38.6591, 0.3194, 0.2072



Achromatopsia

40.1978, 0.3127, 0.3290



Achromatomaly

37.9891, 0.3163, 0.2728

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.6591, 0.3194, 0.2072 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(243, 119, 242)` looks like.

```
.text, #text, p{  
    color:rgb(243, 119, 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(243, 119, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 119, 242) }
```

Border

The CSS property to change the border of an element to Yxy 38.6591, 0.3194, 0.2072 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(243, 119, 242) }
```

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

```
.border{ border-color:rgb(243, 119, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 119, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 119, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 119, 242);  
box-shadow:4px 4px 4px 4px rgb(243, 119,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 38.6591, 0.3194, 0.2072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 119, 242) }
```

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

```
.background{ background-color: rgb(243,  
119, 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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