

Converting Colors

$Yxy(32.8176, 0.3240, 0.1934)$

Have a look what the booklet for
Yxy(32.8176, 0.3240, 0.1934)
contains.

Yxy(32.8892, 0.3241, 0.1934)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(32.8892, 0.3241, 0.1934)

Conversions

Conversions Part 1

Format	Color
Hex	F060EB
RGB	240, 96, 235
RGB Percent	94%, 38%, 92%
CMY	0.0588, 0.6235, 0.0784
CMYK	0.00, 0.60, 0.02, 0.06
HSL	302°, 83%, 66%
HSV	302°, 60%, 94%
XYZ	55.1158, 32.8892, 82.0529
YIQ	154.9020, 41.2050, 73.7570

Conversions

Conversions Part 2

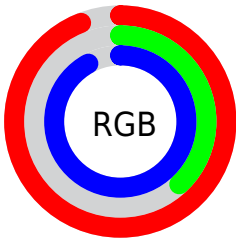
Format	Color
R _Y B	240, 96, 235
Decimal	15753451
CIE Lab	64.07, 71.81, -43.95
CIE LCh	64, 84.195, 328.535
Yxy	32.8892, 0.3241, 0.1934
Android (android.graphics.Color)	4293943531 (0xFFFF060EB)
YUV	154.9020, 39.4883, 74.6309
Hunter-Lab	57.3491, 71.1878, -44.6855

Details

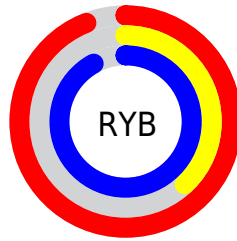
The Yxy color **32.8892, 0.3241, 0.1934** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **65.7481, 0.3017, 0.5175**, and the grayscale version is **32.5423, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.5912, 0.3173, 0.2311**, and **13.9572, 0.3233, 0.1633** is the 20% darker color. If you saturate the color by 10%, you get **29.1117, 0.3259, 0.1786**, and if you desaturate by 10%, it is **38.0061, 0.3222, 0.2120**.

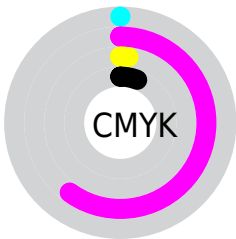
Distribution



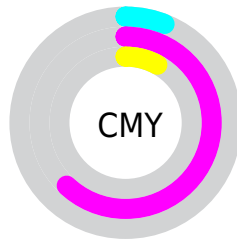
- Red (94%)
- Green (38%)
- Blue (92%)



- Red (94%)
- Yellow (38%)
- Blue (92%)



- Cyan (0%)
- Magenta (60%)
- Yellow (2%)
- Black (6%)





- Cyan (6%)
- Magenta (62%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.8892, 0.3241, 0.1934 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 32.8892, 0.3241, 0.1934 by changing the saturation by 10% instead.

 32.8892, 0.3241,
0.1934


 32.8892, 0.3241,
0.1934


315.1502, 0.3215,
0.2555

 22.0416, 0.3239,
0.1797


 64.2025, 0.3238,
0.2146

 13.8875, 0.3233,
0.1632


 85.4370, 0.3235,
0.2230

 8.0424, 0.3218,
0.1430


 110.9025, 0.3231,
0.2302

 4.1221, 0.3186,
0.1181

 140.9835, 0.3228,
0.2366

 1.7421, 0.3120,
0.0875

176.0644, 0.3224,
0.2422

 0.4507, 0.2998,
0.0448

216.5295, 0.3221,

 0.0000, 0.2705,

0.2471

0.0000

262.7633, 0.3218,
0.2515

■ 0.0000, 0.0620,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 32.8892, 0.3241,
0.1934

■ 32.8892, 0.3241,
0.1934

■ 29.1117, 0.3259,
0.1786

■ 38.0061, 0.3222,
0.2120

■ 26.5432, 0.3274,
0.1679


■ 44.5682, 0.3202,
0.2334


■ 25.0351, 0.3288,
0.1617


■ 52.6757, 0.3182,
0.2567

■ 24.3346, 0.3299,
0.1591


■ 62.4188, 0.3163,
0.2809

 73.8806, 0.3144,
0.3053

 87.1386, 0.3127,
0.3290

 96.3868, 0.3115,
0.3430

 96.4365, 0.3111,
0.3422

 96.4865, 0.3106,
0.3413

Harmonies

Analogous

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



32.8892, 0.2111, 0.1596



32.8892, 0.3241, 0.1934



32.8892, 0.4608, 0.2519

Triad

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



32.8892, 0.3241, 0.1934



32.8892, 0.4763, 0.4919



32.8892, 0.1211, 0.2628

Complementary

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



32.8892, 0.3241, 0.1934



65.7481, 0.3017, 0.5175

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.



32.8892, 0.1677, 0.4082



32.8892, 0.3241, 0.1934



32.8892, 0.3715, 0.5668

Square

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



32.8892, 0.3241, 0.1934



32.8892, 0.5486, 0.4029



32.8892, 0.2598, 0.5504



32.8892, 0.1158, 0.1833

Rectangle

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



32.8892, 0.3241, 0.1934



32.8892, 0.5305, 0.2990



32.8892, 0.2598, 0.5504



32.8892, 0.1314, 0.3045

Sweetspot

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



32.8907, 0.3241, 0.1934



74.0281, 0.3159, 0.2857



17.4124, 0.1986, 0.1370



15.0797, 0.3165, 0.2785



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.



32.8907, 0.3241, 0.1934



32.6348, 0.3262, 0.1758



29.5431, 0.4091, 0.2585



16.0214, 0.3143, 0.3065



13.3250, 0.3298, 0.1590



1.1115, 0.3285, 0.1583

Inverse Universe

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



32.8907, 0.3241, 0.1934



32.6348, 0.3262, 0.1758



67.8183, 0.2693, 0.4198



16.0214, 0.3143, 0.3065



13.3250, 0.3298, 0.1590



1.1115, 0.3285, 0.1583

Previews

White Background



This preview shows how the Yxy color 32.8892, 0.3241, 0.1934 looks on a white background.

Color Contrast Check

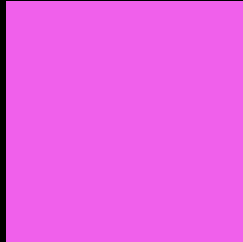
Large Text (above 18pt) WCAG AA × Fail

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 32.8892, 0.3241, 0.1934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

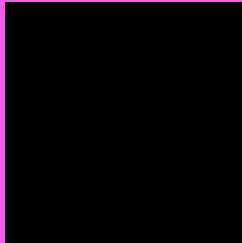
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.8892, 0.3241, 0.1934

Background



This preview shows how black text looks on a background with the Yxy color 32.8892, 0.3241, 0.1934.

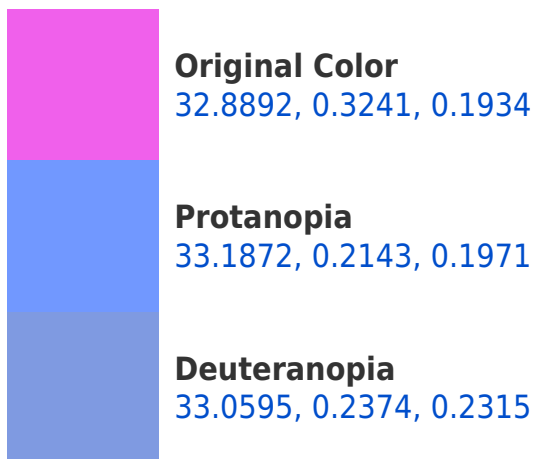


This preview shows how white text looks on a background with the Yxy color 32.8892, 0.3241, 0.1934.

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

32.6027, 0.4249, 0.3189

Trichromacy



Original Color

32.8892, 0.3241, 0.1934



Protanomaly

30.6508, 0.2426, 0.1883



Deuteranomaly

30.7570, 0.2623, 0.2086



Tritanomaly

32.0927, 0.3866, 0.2665

Monochromacy



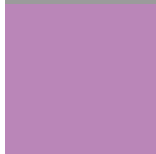
Original Color

32.8892, 0.3241, 0.1934



Achromatopsia

32.7778, 0.3127, 0.3290



Achromatomaly

30.9500, 0.3179, 0.2629

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.8892, 0.3241, 0.1934 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(240, 96, 235)` looks like.

```
.text, #text, p{  
    color:rgb(240, 96, 235)  
}
```

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(240, 96, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 96, 235) }
```

Border

The CSS property to change the border of an element to Yxy 32.8892, 0.3241, 0.1934 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(240, 96, 235) }
```

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

```
.border{ border-color:rgb(240, 96, 235) }
```

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

Here you see how a box with a 4 pixel rgb(240, 96, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 96, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 96, 235);  
box-shadow:4px 4px 4px 4px rgb(240, 96,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 32.8892, 0.3241, 0.1934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 96, 235) }
```

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

```
.background{ background-color: rgb(240, 96,  
235) }
```

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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