

Converting Colors

Yxy(32.6555, 0.3312, 0.1804)

Have a look what the booklet for
Yxy(32.6555, 0.3312, 0.1804)
contains.

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Color

Yxy(32.6892, 0.3308, 0.1802)

Conversions

Conversions Part 1

Format	Color
Hex	FF4AF4
RGB	255, 74, 244
RGB Percent	100%, 29%, 96%
CMY	0.0001, 0.7096, 0.0433
CMYK	0.00, 0.71, 0.04, 0.00
HSL	304°, 100%, 65%
HSV	304°, 71%, 100%
XYZ	60.0088, 32.6892, 88.7071
YIQ	147.4990, 53.3060, 91.2420

Conversions

Conversions Part 2

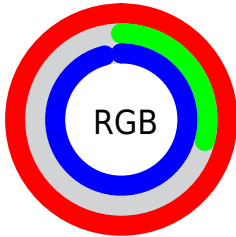
Format	Color
R _{YB}	255, 74, 244
Decimal	16730868
CIE Lab	63.91, 84.51, -49.02
CIE LCh	64, 97.695, 329.883
Yxy	32.6892, 0.3308, 0.1802
Android (android.graphics.Color)	4294920948 (0xFFFF4AF4)
YUV	147.4990, 47.5750, 94.2784
Hunter-Lab	57.1745, 87.2935, -51.9672

Details

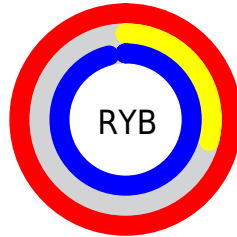
The Yxy color **32.6892, 0.3308, 0.1802** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light washed magenta. A complement of this color would be **73.6243, 0.2990, 0.5472**, and the grayscale version is **29.1862, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.6570, 0.3180, 0.2170**, and **15.0572, 0.3302, 0.1593** is the 20% darker color. If you saturate the color by 10%, you get **29.8519, 0.3332, 0.1703**, and if you desaturate by 10%, it is **36.9092, 0.3282, 0.1944**.

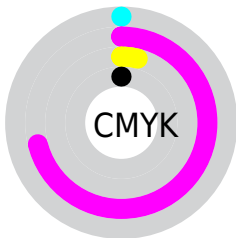
Distribution



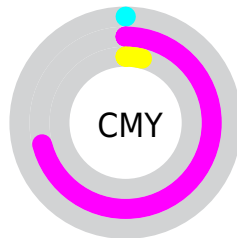
- Red (100%)
- Green (29%)
- Blue (96%)



- Red (100%)
- Yellow (29%)
- Blue (96%)



- Cyan (0%)
- Magenta (71%)
- Yellow (4%)
- Black (0%)





- Cyan (0%)
- Magenta (71%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.6892, 0.3308, 0.1802 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 32.6892, 0.3308, 0.1802 by changing the saturation by 10% instead.

 32.6892, 0.3308,
0.1802


 32.6892, 0.3308,
0.1802


314.2469, 0.3256,
0.2469

 21.8885, 0.3311,
0.1659


 63.8900, 0.3297,
0.2026

 13.7750, 0.3310,
0.1490


 85.0588, 0.3290,
0.2116

 7.9643, 0.3301,
0.1285


 110.4525, 0.3284,
0.2194

 4.0721, 0.3277,
0.1040

 140.4554, 0.3278,
0.2262

 1.7140, 0.3220,
0.0747

175.4518, 0.3272,
0.2323

 0.4327, 0.3113,
0.0359

215.8263, 0.3266,

 0.0000, 0.2848,

0.2377

0.0000

261.9632, 0.3261,
0.2425

■ 0.0000, 0.1889,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 32.6892, 0.3308,
0.1802

■ 32.6892, 0.3308,
0.1802

■ 29.8519, 0.3332,
0.1703

■ 36.9092, 0.3282,
0.1944

■ 28.2143, 0.3354,
0.1649


■ 42.6558, 0.3254,
0.2124


■ 27.5159, 0.3371,
0.1631

■ 50.0601, 0.3227,
0.2332

■ 59.2379, 0.3200,
0.2560

 70.2945, 0.3174,
0.2797

 83.3270, 0.3151,
0.3036

 98.4259, 0.3129,
0.3268

 99.9969, 0.3127,
0.3290

Harmonies

Analogous

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



32.6892, 0.2019, 0.1429



32.6892, 0.3308, 0.1802



32.6892, 0.4899, 0.2437

Triad

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



32.6892, 0.3308, 0.1802



32.6892, 0.4812, 0.5053



32.6892, 0.0993, 0.2435

Complementary

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



32.6892, 0.3308, 0.1802



73.6243, 0.2990, 0.5472

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.



32.6892, 0.1436, 0.4109



32.6892, 0.3308, 0.1802



32.6892, 0.3616, 0.6010

Square

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



32.6892, 0.3308, 0.1802



32.6892, 0.5714, 0.4033



32.6892, 0.2403, 0.5884



32.6892, 0.0972, 0.1620

Rectangle

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



32.6892, 0.3308, 0.1802



32.6892, 0.5669, 0.2935



32.6892, 0.2403, 0.5884



32.6892, 0.1084, 0.2893

Sweetspot

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



32.6907, 0.3308, 0.1802



70.2552, 0.3175, 0.2796



13.9666, 0.1796, 0.1042



14.3430, 0.3181, 0.2730



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.



32.6907, 0.3308, 0.1802



29.0611, 0.3341, 0.1676



28.5436, 0.4421, 0.2542



18.2801, 0.3147, 0.3070



14.3880, 0.3368, 0.1629



1.4065, 0.3348, 0.1618

Inverse Universe

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



32.6907, 0.3308, 0.1802



29.0611, 0.3341, 0.1676



76.0064, 0.2650, 0.4362



18.2801, 0.3147, 0.3070



14.3880, 0.3368, 0.1629



1.4065, 0.3348, 0.1618

Previews

White Background



This preview shows how the Yxy color 32.6892, 0.3308, 0.1802 looks on a white background.

Color Contrast Check

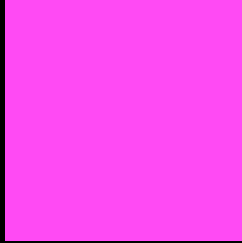
Large Text (above 18pt) WCAG AA × Fail

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 32.6892, 0.3308, 0.1802 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 32.6892, 0.3308, 0.1802

Background



This preview shows how black text looks on a background with the Yxy color 32.6892, 0.3308, 0.1802.



This preview shows how white text looks on a background with the Yxy color 32.6892, 0.3308, 0.1802.

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

32.6892, 0.3308, 0.1802

Protanopia

33.0560, 0.2133, 0.1968

Deuteranopia

32.9305, 0.2293, 0.2229



Tritanopia

32.5439, 0.4578, 0.3220

Trichromacy



Original Color

32.6892, 0.3308, 0.1802



Protanomaly

29.1669, 0.2427, 0.1782



Deuteranomaly

29.1584, 0.2573, 0.1932



Tritanomaly

31.6417, 0.4116, 0.2615

Monochromacy



Original Color

32.6892, 0.3308, 0.1802



Achromatopsia

29.6138, 0.3127, 0.3290



Achromatomaly

27.6584, 0.3210, 0.2474

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.6892, 0.3308, 0.1802 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, 74, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 74, 244)  
}
```

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, 74, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 74, 244) }
```

Border

The CSS property to change the border of an element to Yxy 32.6892, 0.3308, 0.1802 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, 74, 244) }
```

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

```
.border{ border-color:rgb(255, 74, 244) }
```

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

Here you see how a box with a 4 pixel rgb(255, 74, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 74, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 74, 244);  
box-shadow:4px 4px 4px 4px rgb(255, 74,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 32.6892, 0.3308, 0.1802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 74, 244) }
```

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

```
.background{ background-color: rgb(255, 74,  
244) }
```

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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