

Converting Colors

Yxy(33.8476, 0.4797, 0.2632)

Have a look what the booklet for
Yxy(33.8476, 0.4797, 0.2632)
contains.

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Color

Yxy(27.1938, 0.4500, 0.2510)

Conversions

Conversions Part 1

Format	Color
Hex	FF4098
RGB	255, 64, 152
RGB Percent	100%, 25%, 60%
CMY	0.0000, 0.7493, 0.4038
CMYK	0.00, 0.75, 0.40, 0.00
HSL	332°, 100%, 63%
HSV	332°, 75%, 100%
XYZ	48.7538, 27.1938, 32.3942
YIQ	131.1410, 85.5880, 67.8600

Conversions

Conversions Part 2

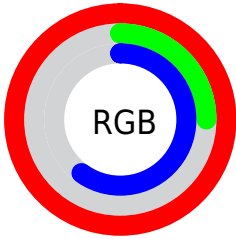
Format	Color
RYB	255, 64, 152
Decimal	16728216
CIELab	59.15, 76.31, -3.94
CIElCh	59, 76.411, 357.044
Yxy	27.1938, 0.4500, 0.2510
Android (android.graphics.Color)	4294918296 (0xFFFF4098)
YUV	131.1410, 10.2835, 108.6243
Hunter-Lab	52.1477, 75.6245, -0.3277

Details

The Yxy color **27.1938, 0.4500, 0.2510** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **75.3947, 0.2654, 0.4463**, and the grayscale version is **22.6759, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.1546, 0.3655, 0.2503**, and **12.2770, 0.4867, 0.2455** is the 20% darker color. If you saturate the color by 10%, you get **24.5173, 0.4775, 0.2515**, and if you desaturate by 10%, it is **31.2222, 0.4232, 0.2555**.

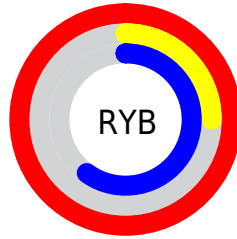
Distribution



Red (100%)

Green (25%)

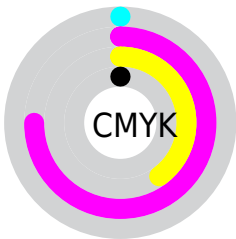
Blue (60%)



Red (100%)

Yellow (25%)

Blue (60%)

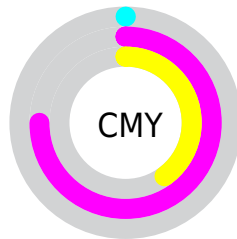


Cyan (0%)

Magenta (75%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (75%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.1938, 0.4500, 0.2510 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 27.1938, 0.4500, 0.2510 by changing the saturation by 10% instead.


 27.1938, 0.4500,
0.2510


 27.1938, 0.4500,
0.2510


288.5942, 0.3767,
0.2920

 17.7188, 0.4697,
0.2402


 55.1947, 0.4223,
0.2663


 10.7483, 0.4956,
0.2262


 74.4894, 0.4122,
0.2719


 5.8979, 0.5312,
0.2072


 97.8262, 0.4038,
0.2767

 2.7831, 0.5826,
0.1803

 125.5893, 0.3967,
0.2807

 1.0196, 0.6608,
0.1406

 158.1633, 0.3906,
0.2841

 0.0000, 0.9257,
0.0000

195.9326, 0.3854,

 0.0000, 1.0000,

0.2871

0.0000

239.2814, 0.3808,
0.2897

■ 0.0000, 0.0000,
0.0000

■ 27.1938, 0.4500,
0.2510

■ 27.1938, 0.4500,
0.2510

■ 24.5173, 0.4775,
0.2515

■ 31.2222, 0.4232,
0.2555

■ 23.0150, 0.5041,
0.2575


■ 36.7823, 0.3984,
0.2638


■ 22.5576, 0.5169,
0.2621

■ 44.0055, 0.3765,
0.2746

■ 53.0141, 0.3576,
0.2867

■ 63.9189, 0.3417,
0.2992

 76.8213, 0.3284,
0.3116

 91.8158, 0.3174,
0.3234

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



27.1938, 0.3177, 0.1944



27.1938, 0.4500, 0.2510



27.1938, 0.5414, 0.3214

Triad

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



27.1938, 0.4500, 0.2510



27.1938, 0.3772, 0.5578



27.1938, 0.1195, 0.1899

Complementary

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



27.1938, 0.4500, 0.2510



75.3947, 0.2654, 0.4463

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.



27.1938, 0.1270, 0.2711



27.1938, 0.4500, 0.2510



27.1938, 0.2678, 0.5460

Square

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



27.1938, 0.4500, 0.2510



27.1938, 0.4782, 0.4851



27.1938, 0.1757, 0.4137



27.1938, 0.1458, 0.1591

Rectangle

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



27.1938, 0.4500, 0.2510



27.1938, 0.5533, 0.3722



27.1938, 0.1757, 0.4137



27.1938, 0.1181, 0.2102

Sweetspot

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



27.1873, 0.4500, 0.2510



67.4842, 0.3375, 0.3029



18.9690, 0.2357, 0.1257



13.7361, 0.3413, 0.2995



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.



27.1873, 0.4500, 0.2510



23.6238, 0.4912, 0.2538



26.0480, 0.5692, 0.3342



18.1264, 0.3221, 0.3181



11.8162, 0.5130, 0.2600



1.1723, 0.4855, 0.2448

Inverse Universe

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



27.1873, 0.4500, 0.2510



23.6238, 0.4912, 0.2538



75.8315, 0.2283, 0.3211



18.1264, 0.3221, 0.3181



11.8162, 0.5130, 0.2600



1.1723, 0.4855, 0.2448

Previews

White Background



This preview shows how the Yxy color 27.1938, 0.4500, 0.2510 looks on a white background.

Color Contrast Check

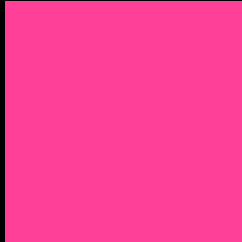
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1938, 0.4500, 0.2510 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 × Fail

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

Yxy 27.1938, 0.4500, 0.2510

Background



This preview shows how black text looks on a background with the Yxy color 27.1938, 0.4500, 0.2510.



This preview shows how white text looks on a background with the Yxy color 27.1938, 0.4500, 0.2510.

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

27.1938, 0.4500, 0.2510

Protanopia

27.5519, 0.2468, 0.2396

Deuteranopia

27.1979, 0.3285, 0.3228



Tritanopia

27.2157, 0.5333, 0.3263

Trichromacy



Original Color

27.1938, 0.4500, 0.2510



Protanomaly

23.9998, 0.3048, 0.2325



Deuteranomaly

24.6507, 0.3727, 0.2817



Tritanomaly

26.8534, 0.5060, 0.2988

Monochromacy



Original Color

27.1938, 0.4500, 0.2510



Achromatopsia

22.6966, 0.3127, 0.3290



Achromatomaly

21.6096, 0.3634, 0.2822

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1938, 0.4500, 0.2510 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, 64, 152)` looks like.

```
.text, #text, p{  
    color:rgb(255, 64, 152)  
}
```

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, 64, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 64, 152) }
```

Border

The CSS property to change the border of an element to Yxy 27.1938, 0.4500, 0.2510 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, 64, 152) }
```

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

```
.border{ border-color:rgb(255, 64, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 64, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 64, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 64, 152);  
box-shadow:4px 4px 4px 4px rgb(255, 64,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1938, 0.4500, 0.2510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 64, 152) }
```

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

```
.background{ background-color: rgb(255, 64,  
152) }
```

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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