

Converting Colors

$Yxy(24.1609, 0.4888, 0.2567)$

Have a look what the booklet for
Yxy(24.1609, 0.4888, 0.2567)
contains.

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Color

Yxy(24.1877, 0.4882, 0.2565)

Conversions

Conversions Part 1

Format	Color
Hex	FF2484
RGB	255, 36, 132
RGB Percent	100%, 14%, 52%
CMY	0.0000, 0.8588, 0.4823
CMYK	0.00, 0.86, 0.48, 0.00
HSL	334°, 100%, 57%
HSV	334°, 86%, 100%
XYZ	46.0368, 24.1877, 24.0745
YIQ	112.4250, 99.7080, 76.2840

Conversions

Conversions Part 2

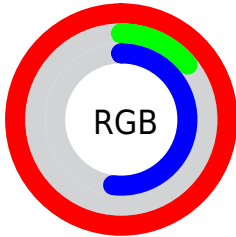
Format	Color
R_{YB}	255, 36, 132
Decimal	16721028
CIE _{Lab}	56.28, 81.14, 3.67
CIE _{LCh}	56, 81.220, 2.593
Yxy	24.1877, 0.4882, 0.2565
Android (android.graphics.Color)	4294911108 (0xFFFF2484)
YUV	112.4250, 9.6505, 125.0383
Hunter-Lab	49.1810, 81.0215, 5.4037

Details

The Yxy color **24.1877, 0.4882, 0.2565** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **74.3987, 0.2638, 0.4591**, and the grayscale version is **16.2860, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.9146, 0.3930, 0.2540**, and **11.8310, 0.5251, 0.2666** is the 20% darker color. If you saturate the color by 10%, you get **22.7889, 0.5158, 0.2635**, and if you desaturate by 10%, it is **26.7382, 0.4593, 0.2550**.

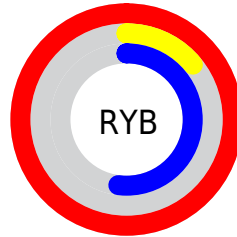
Distribution



Red (100%)

Green (14%)

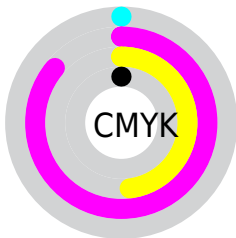
Blue (52%)



Red (100%)

Yellow (14%)

Blue (52%)

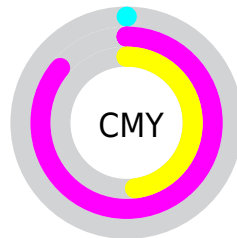


Cyan (0%)

Magenta (86%)

Yellow (48%)

Black (0%)



Cyan (0%)


Magenta (86%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.1877, 0.4882, 0.2565 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 24.1877, 0.4882, 0.2565 by changing the saturation by 10% instead.


 24.1877, 0.4882,
0.2565


 24.1877, 0.4882,
0.2565


273.7681, 0.3923,
0.2969


 15.4729, 0.5145,
0.2451


 50.3363, 0.4515,
0.2722

 9.1520, 0.5494,
0.2298


 68.5390, 0.4383,
0.2778

 4.8404, 0.5976,
0.2083

 90.6730, 0.4273,
0.2824

 2.1539, 0.6665,
0.1767

 117.1228, 0.4181,
0.2863

 0.6947, 0.7797,
0.1281

 148.2729, 0.4102,
0.2895

 0.0000, 1.0000,
0.0000

184.5075, 0.4034,

 0.0000, 0.0000,

0.2924

0.0000

226.2111, 0.3975,
0.2948

■ 24.1877, 0.4882,
0.2565

■ 24.1877, 0.4882,
0.2565

■ 22.7889, 0.5158,
0.2635

■ 26.7382, 0.4593,
0.2550


■ 22.4250, 0.5266,
0.2675


■ 30.6395, 0.4309,
0.2586

■ 36.0561, 0.4046,
0.2661

■ 43.1278, 0.3813,
0.2762

■ 51.9784, 0.3612,
0.2876

 62.7198, 0.3443,
0.2995

 75.4545, 0.3302,
0.3113

 90.2778, 0.3186,
0.3227

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.



24.1877, 0.3435, 0.1935



24.1877, 0.4882, 0.2565



24.1877, 0.5706, 0.3309

Triad

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



24.1877, 0.4882, 0.2565



24.1877, 0.3544, 0.5871



24.1877, 0.1092, 0.1686

Complementary

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



24.1877, 0.4882, 0.2565



74.3987, 0.2638, 0.4591

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.



24.1877, 0.1092, 0.2417



24.1877, 0.4882, 0.2565



24.1877, 0.2391, 0.5540

Square

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



24.1877, 0.4882, 0.2565



24.1877, 0.4671, 0.5093



24.1877, 0.1495, 0.3887



24.1877, 0.1430, 0.1452

Rectangle

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



24.1877, 0.4882, 0.2565



24.1877, 0.5683, 0.3847



24.1877, 0.1495, 0.3887



24.1877, 0.1055, 0.1861

Sweetspot

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



24.1887, 0.4882, 0.2565



62.5758, 0.3444, 0.2994



15.5961, 0.2256, 0.1083



12.5520, 0.3500, 0.2952



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.



24.1887, 0.4882, 0.2565



22.4250, 0.5266, 0.2675



23.4175, 0.6087, 0.3348



18.1194, 0.3225, 0.3186



11.7463, 0.5225, 0.2652



1.1652, 0.4939, 0.2495

Inverse Universe

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



24.1887, 0.4882, 0.2565



22.4250, 0.5266, 0.2675



72.3272, 0.2230, 0.3154



18.1194, 0.3225, 0.3186



11.7463, 0.5225, 0.2652



1.1652, 0.4939, 0.2495

Previews

White Background



This preview shows how the Yxy color 24.1877, 0.4882, 0.2565 looks on a white background.

Color Contrast Check

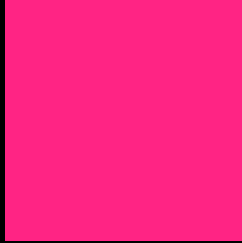
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1877, 0.4882, 0.2565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

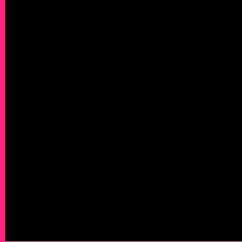
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.1877, 0.4882, 0.2565

Background



This preview shows how black text looks on a background with the Yxy color 24.1877, 0.4882, 0.2565.



This preview shows how white text looks on a background with the Yxy color 24.1877, 0.4882, 0.2565.

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

24.1877, 0.4882, 0.2565

Protanopia

24.5460, 0.2531, 0.2482

Deuteranopia

24.1427, 0.3492, 0.3422



Tritanopia

24.0887, 0.5764, 0.3285

Trichromacy



Original Color

24.1877, 0.4882, 0.2565



Protanomaly

19.9236, 0.3211, 0.2317



Deuteranomaly

20.8192, 0.4041, 0.2883



Tritanomaly

23.7512, 0.5510, 0.3040

Monochromacy



Original Color

24.1877, 0.4882, 0.2565



Achromatopsia

16.2029, 0.3127, 0.3290



Achromatomaly

15.5651, 0.3848, 0.2746

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1877, 0.4882, 0.2565 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, 36, 132)` looks like.

```
.text, #text, p{  
  color:rgb(255, 36, 132)  
}
```

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, 36, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 36, 132) }
```

Border

The CSS property to change the border of an element to Yxy 24.1877, 0.4882, 0.2565 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, 36, 132) }
```

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

```
.border{ border-color:rgb(255, 36, 132) }
```

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

Here you see how a box with a 4 pixel rgb(255, 36, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 36, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 36, 132);  
box-shadow:4px 4px 4px 4px rgb(255, 36,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1877, 0.4882, 0.2565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 36, 132) }
```

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

```
.background{ background-color: rgb(255, 36,  
132) }
```

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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