

Converting Colors

$Y_{xy}(24.1548, 0.4217, 0.2970)$

Have a look what the booklet for
Yxy(24.1548, 0.4217, 0.2970)
contains.

Yxy(24.1051, 0.4211, 0.2967)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(24.1051, 0.4211, 0.2967)

Conversions

Conversions Part 1

Format	Color
Hex	CF657F
RGB	207, 101, 127
RGB Percent	81%, 40%, 50%
CMY	0.1883, 0.6038, 0.5020
CMYK	0.00, 0.51, 0.39, 0.19
HSL	345°, 52%, 60%
HSV	345°, 51%, 81%
XYZ	34.2119, 24.1051, 22.9271
YIQ	135.6580, 54.8300, 30.5580

Conversions

Conversions Part 2

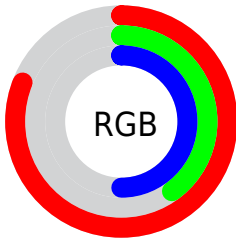
Format	Color
R _Y B	207, 101, 127
Decimal	13591935
CIE Lab	56.19, 44.50, 5.49
CIE LCh	56, 44.832, 7.028
Yxy	24.1051, 0.4211, 0.2967
Android (android.graphics.Color)	4291782015 (0xFFCF657F)
YUV	135.6580, -4.2684, 62.5669
Hunter-Lab	49.0969, 38.4632, 6.6809

Details

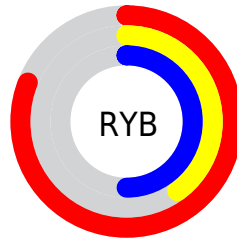
The Yxy color **24.1051, 0.4211, 0.2967** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **50.7194, 0.2603, 0.3666**, and the grayscale version is **24.4891, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.9980, 0.3863, 0.3030**, and **9.0535, 0.4626, 0.2824** is the 20% darker color. If you saturate the color by 10%, you get **20.2033, 0.4560, 0.2924**, and if you desaturate by 10%, it is **29.0846, 0.3909, 0.3025**.

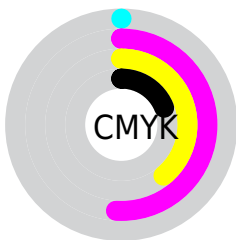
Distribution



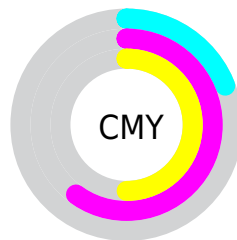
- Red (81%)
- Green (40%)
- Blue (50%)



- Red (81%)
- Yellow (40%)
- Blue (50%)



- Cyan (0%)
- Magenta (51%)
- Yellow (39%)
- Black (19%)





- Cyan (19%)
- Magenta (60%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.1051, 0.4211, 0.2967 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 24.1051, 0.4211, 0.2967 by changing the saturation by 10% instead.


 24.1051, 0.4211,
0.2967


 24.1051, 0.4211,
0.2967


273.3514, 0.3608,
0.3155


 15.4116, 0.4384,
0.2910


 50.2017, 0.3976,
0.3042


 9.1088, 0.4621,
0.2829


 68.3735, 0.3893,
0.3069

 4.8122, 0.4962,
0.2708

 90.4736, 0.3824,
0.3090

 2.1375, 0.5492,
0.2509

 116.8863, 0.3767,
0.3107

 0.6856, 0.6663,
0.2182

147.9960, 0.3718,
0.3122

 0.0000, 1.0000,
0.0000

184.1872, 0.3676,

 0.0000, 0.0000,

0.3135

0.0000

225.8442, 0.3640,
0.3145

■ 24.1051, 0.4211,
0.2967

■ 24.1051, 0.4211,
0.2967

■ 20.2033, 0.4560,
0.2924

■ 29.0846, 0.3909,
0.3025

■ 17.2950, 0.4944,
0.2906

■ 35.2102, 0.3656,
0.3091

■ 15.2897, 0.5336,
0.2924

■ 42.5489, 0.3448,
0.3157

■ 14.0783, 0.5697,
0.2983

■ 51.1617, 0.3279,
0.3222

■ 13.4990, 0.5963,
0.3058

■ 61.1053, 0.3142,
0.3283

72.4329, 0.3030,
0.3339

85.1950, 0.2939,
0.3391

91.8098, 0.2859,
0.3320

92.0022, 0.2843,
0.3289

Harmonies

Analogous

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



24.1051, 0.3456, 0.2502



24.1051, 0.4211, 0.2967



24.1051, 0.4639, 0.3521

Triad

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



24.1051, 0.4211, 0.2967



24.1051, 0.3418, 0.4722



24.1051, 0.1828, 0.2288

Complementary

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



24.1051, 0.4211, 0.2967



50.7194, 0.2603, 0.3666

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.



24.1051, 0.1819, 0.2762



24.1051, 0.4211, 0.2967



24.1051, 0.2683, 0.4326

Square

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



24.1051, 0.4211, 0.2967



24.1051, 0.4115, 0.4566



24.1051, 0.2108, 0.3524



24.1051, 0.2120, 0.2116

Rectangle

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



24.1051, 0.4211, 0.2967



24.1051, 0.4653, 0.3903



24.1051, 0.2108, 0.3524



24.1051, 0.1793, 0.2411

Sweetspot

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



24.1063, 0.4211, 0.2967



76.2549, 0.3342, 0.3197



23.5779, 0.2900, 0.1962



15.6919, 0.3379, 0.3183



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.



24.1063, 0.4211, 0.2967



32.0921, 0.4580, 0.2922



29.5136, 0.4391, 0.3627



11.8551, 0.3253, 0.3233



8.5197, 0.5929, 0.3040



0.4892, 0.5396, 0.2746

Inverse Universe

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



24.1063, 0.4211, 0.2967



32.0921, 0.4580, 0.2922



40.1124, 0.2392, 0.2903



11.8551, 0.3253, 0.3233



8.5197, 0.5929, 0.3040



0.4892, 0.5396, 0.2746

Previews

White Background



This preview shows how the Yxy color 24.1051, 0.4211, 0.2967 looks on a white background.

Color Contrast Check

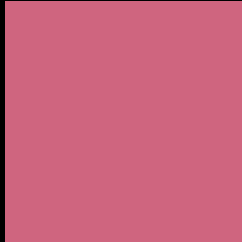
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1051, 0.4211, 0.2967 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 24.1051, 0.4211, 0.2967

Background



This preview shows how black text looks on a background with the Yxy color 24.1051, 0.4211, 0.2967.



This preview shows how white text looks on a background with the Yxy color 24.1051, 0.4211, 0.2967.

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

24.1051, 0.4211, 0.2967

Protanopia

24.1938, 0.3005, 0.3087

Deuteranopia

24.1427, 0.3492, 0.3422



Tritanopia

24.1701, 0.4413, 0.3206

Trichromacy



Original Color

24.1051, 0.4211, 0.2967

Protanomaly

23.3602, 0.3408, 0.3025

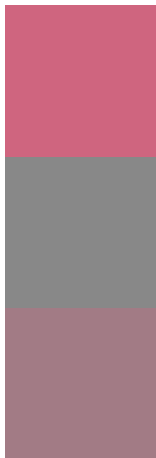
Deuteranomaly

23.5331, 0.3754, 0.3216

Tritanomaly

24.1067, 0.4334, 0.3117

Monochromacy



Original Color

24.1051, 0.4211, 0.2967

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

23.5408, 0.3490, 0.3134

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1051, 0.4211, 0.2967 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(207, 101, 127)` looks like.

```
.text, #text, p{  
    color:rgb(207, 101, 127)  
}
```

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(207, 101, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 101, 127) }
```

Border

The CSS property to change the border of an element to Yxy 24.1051, 0.4211, 0.2967 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(207, 101, 127) }
```

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

```
.border{ border-color:rgb(207, 101, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 101, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 101, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 101, 127); box-shadow:4px 4px 4px 4px rgb(207, 101, 127) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1051, 0.4211, 0.2967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 101, 127) }
```

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

```
.background{ background-color: rgb(207,  
101, 127) }
```

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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