

Converting Colors

$Y_{xy}(27.3995, 0.3788, 0.2609)$

Have a look what the booklet for
Yxy(27.3995, 0.3788, 0.2609)
contains.

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Color

Yxy(27.3995, 0.3788, 0.2609)

Conversions

Conversions Part 1

Format	Color
Hex	D76AA3
RGB	215, 106, 163
RGB Percent	84%, 42%, 64%
CMY	0.1570, 0.5842, 0.3608
CMYK	0.00, 0.51, 0.24, 0.16
HSL	329°, 58%, 63%
HSV	329°, 51%, 84%
XYZ	39.7813, 27.3995, 37.8384
YIQ	145.0890, 46.6670, 40.8350

Conversions

Conversions Part 2

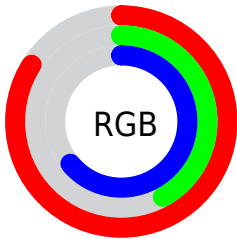
Format	Color
RYB	215, 106, 163
Decimal	14117539
CIELab	59.34, 49.26, -10.71
CIELCh	59, 50.410, 347.732
Yxy	27.3995, 0.3788, 0.2609
Android (android.graphics.Color)	4292307619 (0xFFD76AA3)
YUV	145.0890, 8.8301, 61.3119
Hunter-Lab	52.3445, 44.0551, -6.2179

Details

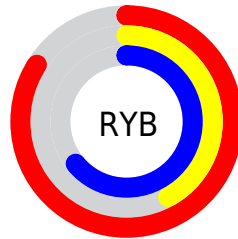
The Yxy color **27.3995, 0.3788, 0.2609** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **54.1188, 0.2771, 0.4118**, and the grayscale version is **28.3056, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.4636, 0.3486, 0.2699**, and **10.7718, 0.4005, 0.2397** is the 20% darker color. If you saturate the color by 10%, you get **23.1574, 0.3988, 0.2499**, and if you desaturate by 10%, it is **32.7846, 0.3611, 0.2738**.

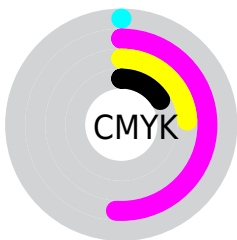
Distribution



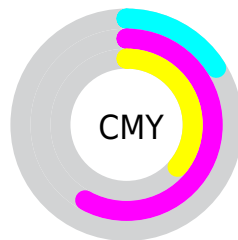
- Red (84%)
- Green (42%)
- Blue (64%)



- Red (84%)
- Yellow (42%)
- Blue (64%)



- Cyan (0%)
- Magenta (51%)
- Yellow (24%)
- Black (16%)





- Cyan (16%)
- Magenta (58%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.3995, 0.3788, 0.2609 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 27.3995, 0.3788, 0.2609 by changing the saturation by 10% instead.


 27.3995, 0.3788,
0.2609


 27.3995, 0.3788,
0.2609


289.5863, 0.3439,
0.2961


 17.8735, 0.3882,
0.2518


 55.5243, 0.3656,
0.2739

 10.8592, 0.4005,
0.2400


 74.8918, 0.3608,
0.2787

 5.9722, 0.4177,
0.2239


 98.3087, 0.3568,
0.2828

 2.8282, 0.4430,
0.2011

 126.1592, 0.3535,
0.2862

 1.0427, 0.4835,
0.1665

158.8279, 0.3505,
0.2892

 0.0000, 0.6357,
0.0000

196.6990, 0.3480,


 0.0000, 1.0000,


0.2918


0.0000

240.1570, 0.3458,
0.2940


 0.0000, 0.0000,
0.0000


 27.3995, 0.3788,
0.2609

 27.3995, 0.3788,
0.2609


 23.1574, 0.3988,
0.2499


 32.7846, 0.3611,
0.2738


 19.9688, 0.4208,
0.2421


 39.3850, 0.3459,
0.2876


 17.7377, 0.4440,
0.2386


 47.2721, 0.3330,
0.3016


 16.3483, 0.4673,
0.2404


 56.5102, 0.3222,
0.3152


 15.6208, 0.4883,
0.2463

 67.1595, 0.3133,
0.3282

 79.2764, 0.3058,
0.3403

 91.9479, 0.2997,
0.3500

 92.5572, 0.2941,
0.3392

 93.1820, 0.2888,
0.3289

Harmonies

Analogous

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



27.3995, 0.2927, 0.2222



27.3995, 0.3788, 0.2609



27.3995, 0.4515, 0.3141

Triad

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



27.3995, 0.3788, 0.2609



27.3995, 0.3924, 0.4774



27.3995, 0.1705, 0.2497

Complementary

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



27.3995, 0.3788, 0.2609



54.1188, 0.2771, 0.4118

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.



27.3995, 0.1891, 0.3215



27.3995, 0.3788, 0.2609



27.3995, 0.3141, 0.4765

Square

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



27.3995, 0.3788, 0.2609



27.3995, 0.4539, 0.4332



27.3995, 0.2396, 0.4130



27.3995, 0.1822, 0.2120

Rectangle

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



27.3995, 0.3788, 0.2609



27.3995, 0.4757, 0.3536



27.3995, 0.2396, 0.4130



27.3995, 0.1732, 0.2699

Sweetspot

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



27.4008, 0.3788, 0.2609



76.8568, 0.3268, 0.3092



22.3742, 0.2595, 0.1855



15.8360, 0.3291, 0.3063



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.



27.4008, 0.3788, 0.2609



33.5966, 0.4008, 0.2491



25.8752, 0.4519, 0.3251



12.5282, 0.3210, 0.3169



9.3680, 0.4851, 0.2446



0.5817, 0.4491, 0.2248

Inverse Universe

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



27.4008, 0.3788, 0.2609



33.5966, 0.4008, 0.2491



56.3700, 0.2489, 0.3337



12.5282, 0.3210, 0.3169



9.3680, 0.4851, 0.2446



0.5817, 0.4491, 0.2248

Previews

White Background



This preview shows how the Yxy color 27.3995, 0.3788, 0.2609 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 27.3995, 0.3788, 0.2609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

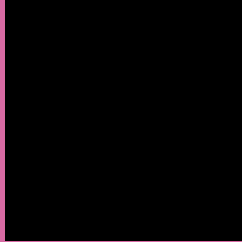
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.3995, 0.3788, 0.2609

Background



This preview shows how black text looks on a background with the Yxy color 27.3995, 0.3788, 0.2609.



This preview shows how white text looks on a background with the Yxy color 27.3995, 0.3788, 0.2609.

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

27.3995, 0.3788, 0.2609

Protanopia

27.7592, 0.2625, 0.2603

Deuteranopia

27.4789, 0.3076, 0.3010



Tritanopia

27.3136, 0.4246, 0.3181

Trichromacy



Original Color

27.3995, 0.3788, 0.2609

Protanomaly

26.5962, 0.2989, 0.2582

Deuteranomaly

26.6806, 0.3320, 0.2830

Tritanomaly

27.2009, 0.4070, 0.2958

Monochromacy



Original Color

27.3995, 0.3788, 0.2609

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.0456, 0.3346, 0.2981

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3995, 0.3788, 0.2609 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(215, 106, 163)` looks like.

```
.text, #text, p{  
    color:rgb(215, 106, 163)  
}
```

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(215, 106, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 106, 163) }
```

Border

The CSS property to change the border of an element to Yxy 27.3995, 0.3788, 0.2609 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(215, 106, 163) }
```

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

```
.border{ border-color:rgb(215, 106, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 106, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 106, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 106, 163);  
box-shadow:4px 4px 4px 4px rgb(215, 106,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3995, 0.3788, 0.2609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 106, 163) }
```

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

```
.background{ background-color: rgb(215,  
106, 163) }
```

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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