

Converting Colors

$Y_{xy}(25.6607, 0.3732, 0.2790)$

Have a look what the booklet for
Yxy(25.6607, 0.3732, 0.2790)
contains.

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Color

Yxy(25.6607, 0.3732, 0.2790)

Conversions

Conversions Part 1

Format	Color
Hex	C57096
RGB	197, 112, 150
RGB Percent	77%, 44%, 59%
CMY	0.2274, 0.5608, 0.4119
CMYK	0.00, 0.43, 0.24, 0.23
HSL	333°, 42%, 61%
HSV	333°, 43%, 77%
XYZ	34.3246, 25.6607, 31.9885
YIQ	141.7470, 38.4620, 29.8380

Conversions

Conversions Part 2

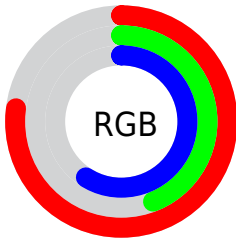
Format	Color
RYB	197, 112, 150
Decimal	12939414
CIELab	57.71, 38.33, -5.86
CIELCh	58, 38.777, 351.303
Yxy	25.6607, 0.3732, 0.2790
Android (android.graphics.Color)	4291129494 (0xFFC57096)
YUV	141.7470, 4.0687, 48.4569
Hunter-Lab	50.6564, 32.3024, -1.9810

Details

The Yxy color **25.6607, 0.3732, 0.2790** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **45.8843, 0.2772, 0.3864**, and the grayscale version is **26.9179, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.5299, 0.3605, 0.2887**, and **9.9011, 0.3950, 0.2624** is the 20% darker color. If you saturate the color by 10%, you get **21.4447, 0.3947, 0.2683**, and if you desaturate by 10%, it is **30.8629, 0.3548, 0.2907**.

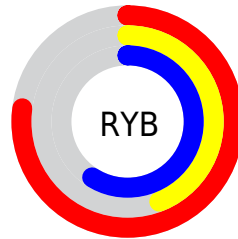
Distribution



Red (77%)

Green (44%)

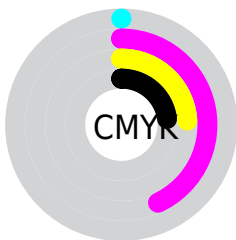
Blue (59%)



Red (77%)

Yellow (44%)

Blue (59%)

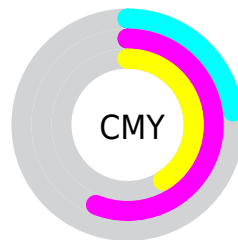


Cyan (0%)

Magenta (43%)

Yellow (24%)

Black (23%)



Cyan (23%)


Magenta (56%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6607, 0.3732, 0.2790 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 25.6607, 0.3732, 0.2790 by changing the saturation by 10% instead.


 25.6607, 0.3732,
0.2790


 25.6607, 0.3732,
0.2790


281.1125, 0.3404,
0.3056


 16.5700, 0.3823,
0.2718


 52.7271, 0.3606,
0.2891


 9.9284, 0.3946,
0.2622


 71.4715, 0.3561,
0.2927

 5.3515, 0.4121,
0.2488


 94.2026, 0.3524,
0.2958

 2.4549, 0.4389,
0.2288

 121.3048, 0.3492,
0.2984

 0.8539, 0.4847,
0.1961

153.1625, 0.3466,
0.3006

 0.0000, 0.8380,
0.0000

190.1601, 0.3442,

 0.0000, 0.0000,

0.3025

0.0000

232.6820, 0.3422,
0.3041

■ 25.6607, 0.3732,
0.2790

■ 25.6607, 0.3732,
0.2790

■ 21.4447, 0.3947,
0.2683

■ 30.8629, 0.3548,
0.2907

■ 18.1476, 0.4192,
0.2597

■ 37.1054, 0.3392,
0.3027

■ 15.6994, 0.4460,
0.2544


■ 44.4429, 0.3263,
0.3144

■ 14.0186, 0.4739,
0.2536

■ 52.9249, 0.3157,
0.3256


■ 13.0069, 0.5014,
0.2581


■ 62.5981, 0.3069,
0.3361

 12.5757, 0.5195,
0.2635

 73.5066, 0.2996,
0.3458

 85.6920, 0.2937,
0.3547

 89.5157, 0.2881,
0.3480

 90.1729, 0.2824,
0.3362

Harmonies

Analogous

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



25.6607, 0.3055, 0.2447



25.6607, 0.3732, 0.2790



25.6607, 0.4265, 0.3248

Triad

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



25.6607, 0.3732, 0.2790



25.6607, 0.3722, 0.4487



25.6607, 0.1963, 0.2621

Complementary

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



25.6607, 0.3732, 0.2790



45.8843, 0.2772, 0.3864

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.



25.6607, 0.2098, 0.3170



25.6607, 0.3732, 0.2790



25.6607, 0.3086, 0.4384

Square

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



25.6607, 0.3732, 0.2790



25.6607, 0.4228, 0.4211



25.6607, 0.2494, 0.3859



25.6607, 0.2090, 0.2326

Rectangle

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



25.6607, 0.3732, 0.2790



25.6607, 0.4430, 0.3583



25.6607, 0.2494, 0.3859



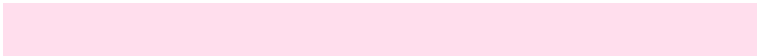
25.6607, 0.1978, 0.2778

Sweetspot

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



25.6619, 0.3732, 0.2790



79.5174, 0.3264, 0.3144



22.9670, 0.2770, 0.2112



16.3527, 0.3291, 0.3118



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.



25.6619, 0.3732, 0.2790



38.6399, 0.3939, 0.2687



25.5908, 0.4219, 0.3350



10.7144, 0.3221, 0.3187



8.2875, 0.5163, 0.2618



0.4069, 0.4653, 0.2337

Inverse Universe

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



25.6619, 0.3732, 0.2790



38.6399, 0.3939, 0.2687



45.5084, 0.2537, 0.3227



10.7144, 0.3221, 0.3187



8.2875, 0.5163, 0.2618



0.4069, 0.4653, 0.2337

Previews

White Background



This preview shows how the Yxy color 25.6607, 0.3732, 0.2790 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 25.6607, 0.3732, 0.2790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

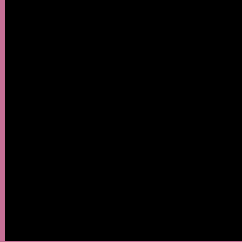
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.6607, 0.3732, 0.2790

Background



This preview shows how black text looks on a background with the Yxy color 25.6607, 0.3732, 0.2790.



This preview shows how white text looks on a background with the Yxy color 25.6607, 0.3732, 0.2790.

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

25.6607, 0.3732, 0.2790

Protanopia

25.9535, 0.2800, 0.2824

Deuteranopia

25.7928, 0.3169, 0.3114



Tritanopia

25.8054, 0.4019, 0.3184

Trichromacy



Original Color

25.6607, 0.3732, 0.2790

Protanomaly

25.3416, 0.3094, 0.2801

Deuteranomaly

25.3923, 0.3364, 0.2988

Tritanomaly

25.7185, 0.3920, 0.3037

Monochromacy



Original Color

25.6607, 0.3732, 0.2790

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

25.9583, 0.3333, 0.3076

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6607, 0.3732, 0.2790 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(197, 112, 150)` looks like.

```
.text, #text, p{  
    color:rgb(197, 112, 150)  
}
```

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(197, 112, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 112, 150) }
```

Border

The CSS property to change the border of an element to Yxy 25.6607, 0.3732, 0.2790 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(197, 112, 150) }
```

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

```
.border{ border-color:rgb(197, 112, 150) }
```

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

Here you see how a box with a 4 pixel rgb(197, 112, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 112, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 112, 150);  
box-shadow:4px 4px 4px 4px rgb(197, 112,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6607, 0.3732, 0.2790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 112, 150) }
```

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

```
.background{ background-color: rgb(197,  
112, 150) }
```

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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