

Converting Colors

$Y_{xy}(25.5940, 0.4291, 0.3286)$

Have a look what the booklet for
Yxy(25.5940, 0.4291, 0.3286)
contains.

Yxy(25.6990, 0.4295, 0.3293)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.6990, 0.4295, 0.3293)

Conversions

Conversions Part 1

Format	Color
Hex	CB7171
RGB	203, 113, 113
RGB Percent	80%, 44%, 44%
CMY	0.2039, 0.5569, 0.5568
CMYK	0.00, 0.44, 0.44, 0.20
HSL	360°, 46%, 62%
HSV	360°, 44%, 80%
XYZ	33.5187, 25.6990, 18.8236
YIQ	139.9100, 53.6400, 19.0800

Conversions

Conversions Part 2

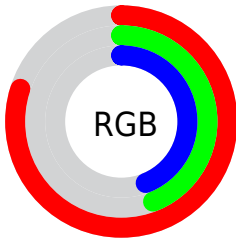
Format	Color
R_{YB}	203, 113, 113
Decimal	13332849
CIE _{Lab}	57.75, 35.36, 15.74
CIE _{LCh}	58, 38.709, 23.994
Yxy	25.6990, 0.4295, 0.3293
Android (android.graphics.Color)	4291522929 (0xFFCB7171)
YUV	139.9100, -13.2666, 55.3299
Hunter-Lab	50.6942, 29.3085, 13.4706

Details

The Yxy color **25.6990, 0.4295, 0.3293** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **50.5409, 0.2534, 0.3289**, and the grayscale version is **26.2265, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.2490, 0.3975, 0.3303**, and **9.9379, 0.4745, 0.3245** is the 20% darker color. If you saturate the color by 10%, you get **21.2590, 0.4724, 0.3294**, and if you desaturate by 10%, it is **31.2569, 0.3930, 0.3292**.

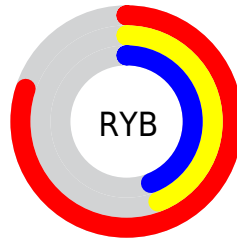
Distribution



Red (80%)

Green (44%)

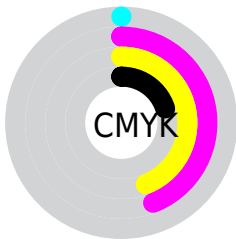
Blue (44%)



Red (80%)

Yellow (44%)

Blue (44%)

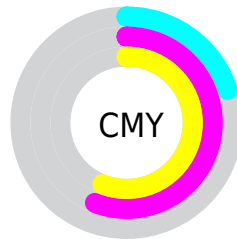


Cyan (0%)

Magenta (44%)

Yellow (44%)

Black (20%)



Cyan (20%)


Magenta (56%)


Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.6990, 0.4295, 0.3293 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 25.6990, 0.4295, 0.3293 by changing the saturation by 10% instead.


 25.6990, 0.4295,
0.3293


 25.6990, 0.4295,
0.3293


281.3013, 0.3648,
0.3314


 16.5986, 0.4479,
0.3277


 52.7890, 0.4044,
0.3308

 9.9487, 0.4728,
0.3248


 71.5473, 0.3954,
0.3311

 5.3650, 0.5083,
0.3194

 94.2938, 0.3881,
0.3313

 2.4630, 0.5620,
0.3078

 121.4127, 0.3819,
0.3314

 0.8580, 0.6984,
0.3016

153.2885, 0.3766,
0.3314

 0.0000, 1.0000,
0.0000


190.3057, 0.3721,


 0.0000, 0.0000,


0.3315


0.0000

232.8485, 0.3682,
0.3314


 25.6990, 0.4295,
0.3293


 25.6990, 0.4295,
0.3293


 21.2590, 0.4724,
0.3294


 31.2569, 0.3930,
0.3292


 17.8577, 0.5197,
0.3296


 37.9972, 0.3631,
0.3291


 15.4119, 0.5667,
0.3297


 45.9839, 0.3391,
0.3291

 13.8238, 0.6061,
0.3298


 55.2754, 0.3198,
0.3290

 12.9749, 0.6312,
0.3299

 65.9265, 0.3044,
0.3290

 12.6989, 0.6400,
0.3300

 77.9887, 0.2921,
0.3290

 91.4388, 0.2822,
0.3289

Harmonies

Analogous

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



25.6990, 0.3788, 0.2828



25.6990, 0.4295, 0.3293



25.6990, 0.4437, 0.3794

Triad

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



25.6990, 0.4295, 0.3293



25.6990, 0.3029, 0.4350



25.6990, 0.2116, 0.2314

Complementary

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



25.6990, 0.4295, 0.3293



50.5409, 0.2534, 0.3289

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.



25.6990, 0.1966, 0.2585



25.6990, 0.4295, 0.3293



25.6990, 0.2450, 0.3797

Square

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



25.6990, 0.4295, 0.3293



25.6990, 0.3667, 0.4493



25.6990, 0.2077, 0.3113



25.6990, 0.2513, 0.2287

Rectangle

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



25.6990, 0.4295, 0.3293



25.6990, 0.4310, 0.4107



25.6990, 0.2077, 0.3113



25.6990, 0.2038, 0.2376

Sweetspot

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



25.7003, 0.4295, 0.3293



78.6894, 0.3366, 0.3291



28.6104, 0.3162, 0.2211



16.1506, 0.3414, 0.3291



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.



25.7003, 0.4295, 0.3293



36.0105, 0.4695, 0.3294



37.8374, 0.4029, 0.3851



11.2137, 0.3290, 0.3290



8.0801, 0.6400, 0.3299



0.4169, 0.6399, 0.3299

Inverse Universe

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



25.7003, 0.4295, 0.3293



36.0105, 0.4695, 0.3294



32.7932, 0.2423, 0.2642



11.2137, 0.3290, 0.3290



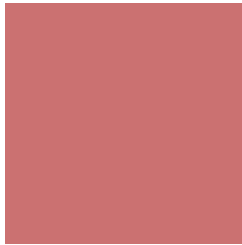
8.0801, 0.6400, 0.3299



0.4169, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 25.6990, 0.4295, 0.3293 looks on a white background.

Color Contrast Check

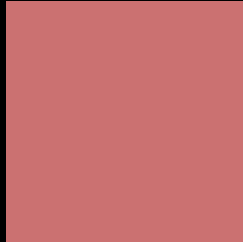
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6990, 0.4295, 0.3293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

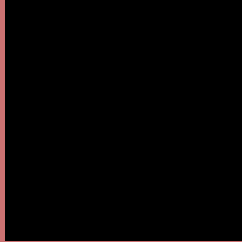
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.6990, 0.4295, 0.3293

Background



This preview shows how black text looks on a background with the Yxy color 25.6990, 0.4295, 0.3293.



This preview shows how white text looks on a background with the Yxy color 25.6990, 0.4295, 0.3293.

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

25.6990, 0.4295, 0.3293

Protanopia

25.9913, 0.3329, 0.3507

Deuteranopia

25.9409, 0.3748, 0.3684



Tritanopia

25.7818, 0.4218, 0.3190

Trichromacy



Original Color

25.6990, 0.4295, 0.3293

Protanomaly

25.4527, 0.3661, 0.3431

Deuteranomaly

25.5125, 0.3960, 0.3528

Tritanomaly

25.7101, 0.4258, 0.3229

Monochromacy



Original Color

25.6990, 0.4295, 0.3293

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.3635, 0.3519, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6990, 0.4295, 0.3293 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(203, 113, 113)` looks like.

```
.text, #text, p{  
    color:rgb(203, 113, 113)  
}
```

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(203, 113, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 113, 113) }
```

Border

The CSS property to change the border of an element to Yxy 25.6990, 0.4295, 0.3293 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(203, 113, 113) }
```

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

```
.border{ border-color:rgb(203, 113, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 113, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 113, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 113, 113);  
box-shadow:4px 4px 4px 4px rgb(203, 113,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6990, 0.4295, 0.3293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 113, 113) }
```

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

```
.background{ background-color: rgb(203,  
113, 113) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor