

Converting Colors

$Y_{xy}(25.8083, 0.4423, 0.3441)$

Have a look what the booklet for
Yxy(25.8083, 0.4423, 0.3441)
contains.

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Color

Yxy(25.7104, 0.4421, 0.3435)

Conversions

Conversions Part 1

Format	Color
Hex	CB7267
RGB	203, 114, 103
RGB Percent	80%, 45%, 40%
CMY	0.2040, 0.5529, 0.5961
CMYK	0.00, 0.44, 0.49, 0.20
HSL	7°, 49%, 60%
HSV	7°, 49%, 80%
XYZ	33.0904, 25.7104, 16.0475
YIQ	139.3570, 56.5750, 15.4470

Conversions

Conversions Part 2

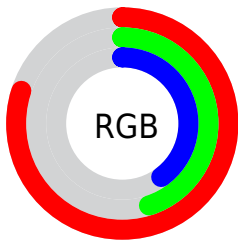
Format	Color
R_{YB}	203, 115, 103
Decimal	13333095
CIE Lab	57.76, 33.81, 21.53
CIE LCh	58, 40.080, 32.492
Yxy	25.7104, 0.4421, 0.3435
Android (android.graphics.Color)	4291523175 (0xFFCB7267)
YUV	139.3570, -17.9240, 55.8149
Hunter-Lab	50.7054, 27.7549, 16.7294

Details

The Yxy color **25.7104, 0.4421, 0.3435** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **44.8743, 0.2456, 0.3130**, and the grayscale version is **26.0187, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.2305, 0.4076, 0.3430**, and **9.9721, 0.4886, 0.3425** is the 20% darker color. If you saturate the color by 10%, you get **21.6719, 0.4839, 0.3455**, and if you desaturate by 10%, it is **30.6549, 0.4055, 0.3408**.

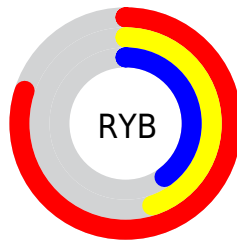
Distribution



Red (80%)

Green (45%)

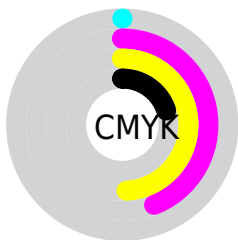
Blue (40%)



Red (80%)

Yellow (45%)

Blue (40%)

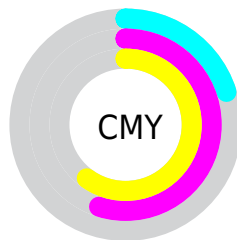


Cyan (0%)

Magenta (44%)

Yellow (49%)

Black (20%)



Cyan (20%)


Magenta (55%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7104, 0.4421, 0.3435 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 25.7104, 0.4421, 0.3435 by changing the saturation by 10% instead.


 25.7104, 0.4421,
0.3435


 25.7104, 0.4421,
0.3435


281.3575, 0.3705,
0.3388

 16.6071, 0.4622,
0.3434


 52.8074, 0.4144,
0.3426


 9.9548, 0.4893,
0.3421


 71.5699, 0.4045,
0.3420

 5.3690, 0.5273,
0.3383

 94.3209, 0.3963,
0.3414

 2.4653, 0.5858,
0.3293

 121.4448, 0.3895,
0.3408

 0.8592, 0.6911,
0.3089

153.3260, 0.3837,
0.3402

 0.0000, 1.0000,
0.0000

190.3490, 0.3787,

 0.0000, 0.0000,

0.3397

0.0000

232.8980, 0.3743,
0.3392

■ 25.7104, 0.4421,
0.3435

■ 25.7104, 0.4421,
0.3435

■ 21.6719, 0.4839,
0.3455

■ 30.6549, 0.4055,
0.3408

■ 18.4805, 0.5285,
0.3461

■ 36.5515, 0.3747,
0.3377

■ 16.0768, 0.5716,
0.3448


■ 43.4483, 0.3492,
0.3346


■ 14.3916, 0.6070,
0.3414


■ 51.3886, 0.3285,
0.3316

■ 13.3392, 0.6302,
0.3369

■ 60.4133, 0.3116,
0.3288

 13.2829, 0.6316,
0.3367

 70.5611, 0.2978,
0.3263

 81.8689, 0.2865,
0.3240

 91.4343, 0.2821,
0.3289

Harmonies

Analogous

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



25.7104, 0.3989, 0.2940



25.7104, 0.4421, 0.3435



25.7104, 0.4446, 0.3947

Triad

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



25.7104, 0.4421, 0.3435



25.7104, 0.2840, 0.4264



25.7104, 0.2175, 0.2252

Complementary

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



25.7104, 0.4421, 0.3435



44.8743, 0.2456, 0.3130

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.



25.7104, 0.1948, 0.2454



25.7104, 0.4421, 0.3435



25.7104, 0.2292, 0.3612

Square

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



25.7104, 0.4421, 0.3435



25.7104, 0.3499, 0.4543



25.7104, 0.1984, 0.2925



25.7104, 0.2650, 0.2291

Rectangle

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



25.7104, 0.4421, 0.3435



25.7104, 0.4244, 0.4252



25.7104, 0.1984, 0.2925



25.7104, 0.2071, 0.2290

Sweetspot

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



25.7117, 0.4421, 0.3435



77.9528, 0.3403, 0.3333



26.2422, 0.3291, 0.2209



16.0935, 0.3449, 0.3340



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.



25.7117, 0.4421, 0.3435



35.9798, 0.4862, 0.3456



39.8628, 0.4080, 0.4050



11.4095, 0.3287, 0.3316



8.5217, 0.6301, 0.3379



0.5084, 0.6034, 0.3591

Inverse Universe

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



44.8743, 0.2456, 0.3130



71.5834, 0.2353, 0.3090



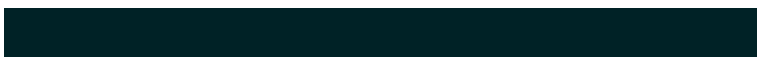
26.8351, 0.2311, 0.2368



12.5075, 0.2983, 0.3264



23.7583, 0.2151, 0.2942



1.2874, 0.2171, 0.3016

Previews

White Background



This preview shows how the Yxy color 25.7104, 0.4421, 0.3435 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 25.7104, 0.4421, 0.3435 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 25.7104, 0.4421, 0.3435

Background



This preview shows how black text looks on a background with the Yxy color 25.7104, 0.4421, 0.3435.



This preview shows how white text looks on a background with the Yxy color 25.7104, 0.4421, 0.3435.

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

25.7104, 0.4421, 0.3435

Protanopia

25.8832, 0.3481, 0.3707

Deuteranopia

25.6752, 0.3892, 0.3820



Tritanopia

25.7818, 0.4218, 0.3190

Trichromacy



Original Color

25.7104, 0.4421, 0.3435

Protanomaly

25.3065, 0.3805, 0.3601

Deuteranomaly

25.4255, 0.4094, 0.3672

Tritanomaly

25.8625, 0.4293, 0.3281

Monochromacy



Original Color

25.7104, 0.4421, 0.3435

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.1530, 0.3554, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7104, 0.4421, 0.3435 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, 114, 103)` looks like.

```
.text, #text, p{  
    color:rgb(203, 114, 103)  
}
```

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, 114, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 114, 103) }
```

Border

The CSS property to change the border of an element to Yxy 25.7104, 0.4421, 0.3435 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, 114, 103) }
```

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

```
.border{ border-color:rgb(203, 114, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 114, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 114, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 114, 103);  
box-shadow:4px 4px 4px 4px rgb(203, 114,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7104, 0.4421, 0.3435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 114, 103) }
```

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

```
.background{ background-color: rgb(203,  
114, 103) }
```

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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