

Converting Colors

$Yxy(24.4514, 0.4285, 0.3191)$

Have a look what the booklet for
Yxy(24.4514, 0.4285, 0.3191)
contains.

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Color

Yxy(24.5195, 0.4286, 0.3203)

Conversions

Conversions Part 1

Format	Color
Hex	CA6C73
RGB	202, 108, 115
RGB Percent	79%, 42%, 45%
CMY	0.2079, 0.5764, 0.5490
CMYK	0.00, 0.47, 0.43, 0.21
HSL	356°, 47%, 61%
HSV	356°, 47%, 79%
XYZ	32.8100, 24.5195, 19.2221
YIQ	136.9040, 53.7770, 22.1050

Conversions

Conversions Part 2

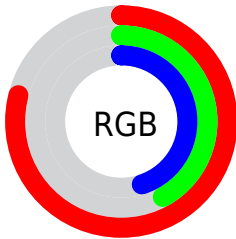
Format	Color
R _Y B	202, 108, 115
Decimal	13266035
CIE Lab	56.60, 37.80, 12.98
CIE LCh	57, 39.965, 18.958
Yxy	24.5195, 0.4286, 0.3203
Android (android.graphics.Color)	4291456115 (0xFFCA6C73)
YUV	136.9040, -10.7987, 57.0892
Hunter-Lab	49.5172, 31.6189, 11.6462

Details

The Yxy color **24.5195, 0.4286, 0.3203** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **49.3612, 0.2550, 0.3388**, and the grayscale version is **25.0060, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.5398, 0.3974, 0.3229**, and **9.3512, 0.4738, 0.3130** is the 20% darker color. If you saturate the color by 10%, you get **20.3540, 0.4695, 0.3191**, and if you desaturate by 10%, it is **29.7617, 0.3937, 0.3221**.

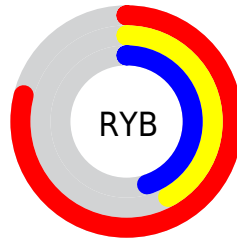
Distribution



Red (79%)

Green (42%)

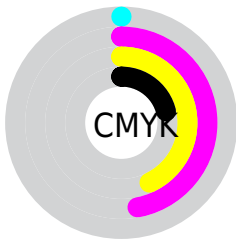
Blue (45%)



Red (79%)

Yellow (42%)

Blue (45%)

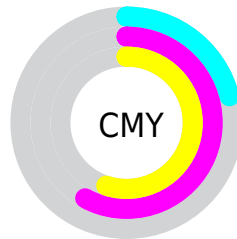


Cyan (0%)

Magenta (47%)

Yellow (43%)

Black (21%)



Cyan (21%)


Magenta (58%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.5195, 0.4286, 0.3203 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 24.5195, 0.4286, 0.3203 by changing the saturation by 10% instead.


 24.5195, 0.4286,
0.3203


 24.5195, 0.4286,
0.3203


275.4365, 0.3640,
0.3271


 15.7194, 0.4472,
0.3175


 50.8766, 0.4034,
0.3235

 9.3258, 0.4725,
0.3130


 69.2025, 0.3944,
0.3245

 4.9543, 0.5090,
0.3054

 91.4724, 0.3871,
0.3252

 2.2205, 0.5650,
0.2909

 118.0707, 0.3809,
0.3258

 0.7311, 0.7200,
0.2800

149.3819, 0.3757,
0.3262

 0.0000, 1.0000,
0.0000


185.7904, 0.3713,


 0.0000, 0.0000,

0.3266


0.0000


227.6804, 0.3674,
0.3269


 24.5195, 0.4286,
0.3203


 24.5195, 0.4286,
0.3203


 20.3540, 0.4695,
0.3191

 29.7617, 0.3937,
0.3221

 17.1870, 0.5147,
0.3187

 36.1441, 0.3649,
0.3240

 14.9357, 0.5600,
0.3196

 43.7299, 0.3416,
0.3260


 13.5027, 0.5992,
0.3219

 52.5764, 0.3229,
0.3278


 12.7624, 0.6262,
0.3253

 62.7374, 0.3079,
0.3296

 12.5882, 0.6328,
0.3260

 74.2636, 0.2958,
0.3312

 87.2027, 0.2860,
0.3326

 91.2938, 0.2816,
0.3289

Harmonies

Analogous

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



24.5195, 0.3705, 0.2736



24.5195, 0.4286, 0.3203



24.5195, 0.4504, 0.3722

Triad

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



24.5195, 0.4286, 0.3203



24.5195, 0.3133, 0.4466



24.5195, 0.2029, 0.2299

Complementary

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



24.5195, 0.4286, 0.3203



49.3612, 0.2550, 0.3388

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.



24.5195, 0.1918, 0.2624



24.5195, 0.4286, 0.3203



24.5195, 0.2507, 0.3942

Square

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



24.5195, 0.4286, 0.3203



24.5195, 0.3792, 0.4530



24.5195, 0.2077, 0.3215



24.5195, 0.2399, 0.2234

Rectangle

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



24.5195, 0.4286, 0.3203



24.5195, 0.4413, 0.4058



24.5195, 0.2077, 0.3215



24.5195, 0.1963, 0.2377

Sweetspot

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



24.5208, 0.4286, 0.3203



77.3510, 0.3369, 0.3264



26.4817, 0.3096, 0.2140



15.8933, 0.3413, 0.3260



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.



24.5208, 0.4286, 0.3203



34.3177, 0.4706, 0.3190



34.5571, 0.4125, 0.3799



11.2270, 0.3279, 0.3273



8.1073, 0.6311, 0.3250



0.4231, 0.6029, 0.3095

Inverse Universe

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



24.5208, 0.4286, 0.3203



34.3177, 0.4706, 0.3190



33.5867, 0.2407, 0.2703



11.2270, 0.3279, 0.3273



8.1073, 0.6311, 0.3250



0.4231, 0.6029, 0.3095

Previews

White Background



This preview shows how the Yxy color 24.5195, 0.4286, 0.3203 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 24.5195, 0.4286, 0.3203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

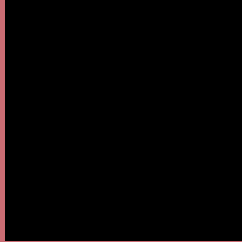
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.5195, 0.4286, 0.3203

Background



This preview shows how black text looks on a background with the Yxy color 24.5195, 0.4286, 0.3203.



This preview shows how white text looks on a background with the Yxy color 24.5195, 0.4286, 0.3203.

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

24.5195, 0.4286, 0.3203

Protanopia

24.7687, 0.3246, 0.3409

Deuteranopia

24.6494, 0.3678, 0.3614



Tritanopia

24.5426, 0.4272, 0.3190

Trichromacy



Original Color

24.5195, 0.4286, 0.3203

Protanomaly

24.1635, 0.3603, 0.3323

Deuteranomaly

24.3344, 0.3902, 0.3458

Tritanomaly

24.5426, 0.4272, 0.3190

Monochromacy



Original Color

24.5195, 0.4286, 0.3203

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.0838, 0.3518, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.5195, 0.4286, 0.3203 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(202, 108, 115)` looks like.

```
.text, #text, p{  
    color:rgb(202, 108, 115)  
}
```

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(202, 108, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 108, 115) }
```

Border

The CSS property to change the border of an element to Yxy 24.5195, 0.4286, 0.3203 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(202, 108, 115) }
```

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

```
.border{ border-color:rgb(202, 108, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 108, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 108, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 108, 115); box-shadow:4px 4px 4px 4px rgb(202, 108, 115) }
```


Background

The CSS property to change the background color of an element to Yxy 24.5195, 0.4286, 0.3203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 108, 115) }
```

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

```
.background{ background-color: rgb(202,  
108, 115) }
```

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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