

Converting Colors

$Y_{xy}(22.5722, 0.4531, 0.3219)$

Have a look what the booklet for
Yxy(22.5722, 0.4531, 0.3219)
contains.

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Color

Yxy(22.5722, 0.4531, 0.3219)

Conversions

Conversions Part 1

Format	Color
Hex	CC6268
RGB	204, 98, 104
RGB Percent	80%, 38%, 41%
CMY	0.1999, 0.6157, 0.5922
CMYK	0.00, 0.52, 0.49, 0.20
HSL	357°, 51%, 59%
HSV	357°, 52%, 80%
XYZ	31.7722, 22.5722, 15.7774
YIQ	130.3780, 61.2500, 24.3380

Conversions

Conversions Part 2

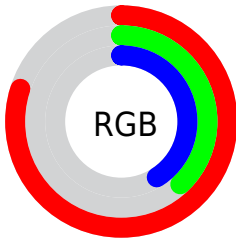
Format	Color
RYB	204, 98, 104
Decimal	13394536
CIELab	54.63, 42.57, 16.73
CIElCh	55, 45.741, 21.449
Yxy	22.5722, 0.4531, 0.3219
Android (android.graphics.Color)	4291584616 (0xFFCC6268)
YUV	130.3780, -13.0044, 64.5665
Hunter-Lab	47.5102, 36.2280, 13.5679

Details

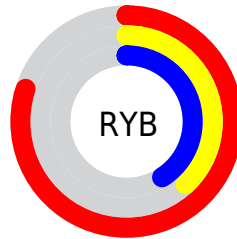
The Yxy color **22.5722, 0.4531, 0.3219** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **49.8696, 0.2491, 0.3374**, and the grayscale version is **22.4945, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.7598, 0.4136, 0.3251**, and **8.3604, 0.5082, 0.3131** is the 20% darker color. If you saturate the color by 10%, you get **18.8827, 0.4975, 0.3213**, and if you desaturate by 10%, it is **27.3261, 0.4140, 0.3230**.

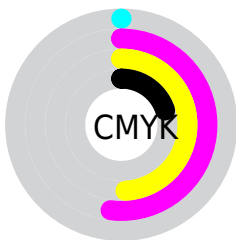
Distribution



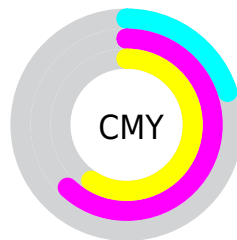
- Red (80%)
- Green (38%)
- Blue (41%)



- Red (80%)
- Yellow (38%)
- Blue (41%)



- Cyan (0%)
- Magenta (52%)
- Yellow (49%)
- Black (20%)




- Cyan (20%)
- Magenta (62%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.5722, 0.4531, 0.3219 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 22.5722, 0.4531, 0.3219 by changing the saturation by 10% instead.


 22.5722, 0.4531,
0.3219


 22.5722, 0.4531,
0.3219

265.5201, 0.3739,
0.3289

 14.2779, 0.4760,
0.3185


 47.6899, 0.4220,
0.3256

 8.3142, 0.5074,
0.3127


 65.2822, 0.4111,
0.3266

 4.2967, 0.5523,
0.3025

 86.7425, 0.4021,
0.3273

 1.8409, 0.6243,
0.2840

 112.4554, 0.3946,
0.3278

 0.5125, 0.7713,
0.2287

142.8052, 0.3882,
0.3282

 0.0000, 1.0000,
0.0000


178.1763, 0.3828,

 0.0000, 0.0000,

0.3285


0.0000

218.9531, 0.3781,
0.3288


 22.5722, 0.4531,
0.3219

 22.5722, 0.4531,
0.3219


 18.8827, 0.4975,
0.3213


 27.3261, 0.4140,
0.3230

 16.1726, 0.5439,
0.3217

 33.2140, 0.3812,
0.3244

 14.3493, 0.5867,
0.3231

 40.3038, 0.3545,
0.3259

 13.3015, 0.6190,
0.3255

 48.6568, 0.3329,
0.3274

 12.8657, 0.6348,
0.3271

 58.3304, 0.3157,
0.3287

■ 69.3784, 0.3018,
0.3300

■ 81.8515, 0.2907,
0.3312

■ 91.5803, 0.2827,
0.3289

Harmonies

Analogous

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



22.5722, 0.3870, 0.2687



22.5722, 0.4531, 0.3219



22.5722, 0.4733, 0.3807

Triad

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



22.5722, 0.4531, 0.3219



22.5722, 0.3049, 0.4668



22.5722, 0.1891, 0.2129

Complementary

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



22.5722, 0.4531, 0.3219



49.8696, 0.2491, 0.3374

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.



22.5722, 0.1741, 0.2460



22.5722, 0.4531, 0.3219



22.5722, 0.2344, 0.3995

Square

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



22.5722, 0.4531, 0.3219



22.5722, 0.3817, 0.4758



22.5722, 0.1886, 0.3118



22.5722, 0.2328, 0.2087

Rectangle

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



22.5722, 0.4531, 0.3219



22.5722, 0.4586, 0.4195



22.5722, 0.1886, 0.3118



22.5722, 0.1809, 0.2205

Sweetspot

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



22.5734, 0.4531, 0.3219



74.4387, 0.3415, 0.3267



24.9582, 0.3108, 0.2026



15.3185, 0.3460, 0.3264



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.



22.5734, 0.4531, 0.3219



30.8284, 0.5014, 0.3213



33.6495, 0.4270, 0.3876



11.2238, 0.3281, 0.3277



8.1006, 0.6333, 0.3262



0.4216, 0.6112, 0.3141

Inverse Universe

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



22.5734, 0.4531, 0.3219



30.8284, 0.5014, 0.3213



31.4360, 0.2322, 0.2591



11.2238, 0.3281, 0.3277



8.1006, 0.6333, 0.3262



0.4216, 0.6112, 0.3141

Previews

White Background



This preview shows how the Yxy color 22.5722, 0.4531, 0.3219 looks on a white background.

Color Contrast Check

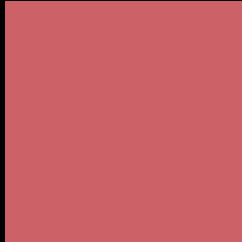
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.5722, 0.4531, 0.3219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

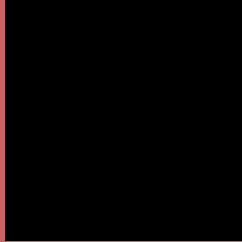
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.5722, 0.4531, 0.3219

Background



This preview shows how black text looks on a background with the Yxy color 22.5722, 0.4531, 0.3219.



This preview shows how white text looks on a background with the Yxy color 22.5722, 0.4531, 0.3219.

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

22.5722, 0.4531, 0.3219

Protanopia

22.8229, 0.3306, 0.3484

Deuteranopia

22.6926, 0.3795, 0.3738



Tritanopia

22.5927, 0.4516, 0.3206

Trichromacy



Original Color

22.5722, 0.4531, 0.3219

Protanomaly

21.9856, 0.3732, 0.3372

Deuteranomaly

22.2010, 0.4061, 0.3521

Tritanomaly

22.5927, 0.4516, 0.3206

Monochromacy



Original Color

22.5722, 0.4531, 0.3219

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

21.5054, 0.3594, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.5722, 0.4531, 0.3219 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(204, 98, 104)` looks like.

```
.text, #text, p{  
    color:rgb(204, 98, 104)  
}
```

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(204, 98, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 98, 104) }
```

Border

The CSS property to change the border of an element to Yxy 22.5722, 0.4531, 0.3219 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(204, 98, 104) }
```

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

```
.border{ border-color:rgb(204, 98, 104) }
```

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

Here you see how a box with a 4 pixel rgb(204, 98, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 98, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 98, 104);  
box-shadow:4px 4px 4px 4px rgb(204, 98,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 22.5722, 0.4531, 0.3219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 98, 104) }
```

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

```
.background{ background-color: rgb(204, 98,  
104) }
```

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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