

Converting Colors

$Y_{xy}(22.2196, 0.4744, 0.3080)$

Have a look what the booklet for
Yxy(22.2196, 0.4744, 0.3080)
contains.

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Color

Yxy(22.0954, 0.4749, 0.3080)

Conversions

Conversions Part 1

Format	Color
Hex	D85568
RGB	216, 85, 104
RGB Percent	85%, 33%, 41%
CMY	0.1529, 0.6667, 0.5920
CMYK	0.00, 0.61, 0.52, 0.15
HSL	351°, 63%, 59%
HSV	351°, 61%, 85%
XYZ	34.0685, 22.0954, 15.5744
YIQ	126.3350, 71.9770, 33.6810

Conversions

Conversions Part 2

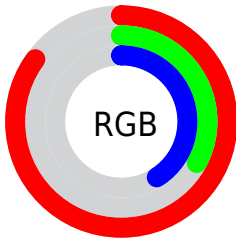
Format	Color
R_{YB}	216, 85, 104
Decimal	14177640
CIE _{Lab}	54.13, 52.90, 16.31
CIE _{LCh}	54, 55.357, 17.141
Yxy	22.0954, 0.4749, 0.3080
Android (android.graphics.Color)	4292367720 (0xFFD85568)
YUV	126.3350, -11.0112, 78.6362
Hunter-Lab	47.0057, 47.1120, 13.2595

Details

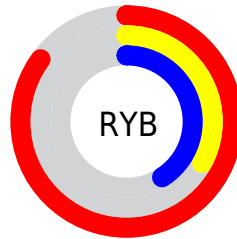
The Yxy color **22.0954, 0.4749, 0.3080** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **55.0754, 0.2478, 0.3556**, and the grayscale version is **21.0050, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.3827, 0.4184, 0.3136**, and **8.0586, 0.5380, 0.2930** is the 20% darker color. If you saturate the color by 10%, you get **18.8639, 0.5183, 0.3076**, and if you desaturate by 10%, it is **26.4491, 0.4349, 0.3102**.

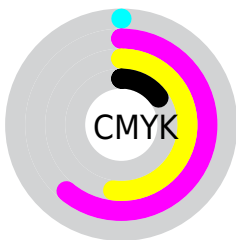
Distribution



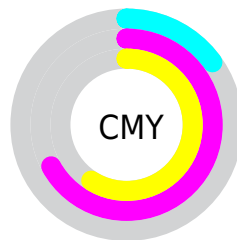
- Red (85%)
- Green (33%)
- Blue (41%)



- Red (85%)
- Yellow (33%)
- Blue (41%)



- Cyan (0%)
- Magenta (61%)
- Yellow (52%)
- Black (15%)



- Cyan (15%)
- Magenta (67%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.0954, 0.4749, 0.3080 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 22.0954, 0.4749, 0.3080 by changing the saturation by 10% instead.


 22.0954, 0.4749,
0.3080


 22.0954, 0.4749,
0.3080


263.0441, 0.3835,
0.3233

 13.9270, 0.5012,
0.3020


 46.9036, 0.4391,
0.3150


 8.0699, 0.5369,
0.2929


 64.3122, 0.4264,
0.3172

 4.1397, 0.5875,
0.2776

 85.5697, 0.4160,
0.3188

 1.7520, 0.6673,
0.2519

 111.0605, 0.4074,
0.3201

 0.4570, 0.8192,
0.1808

141.1689, 0.4000,
0.3212

 0.0000, 1.0000,
0.0000

176.2794, 0.3937,

 0.0000, 0.0000,

0.3220

0.0000

216.7763, 0.3883,
0.3227

■ 22.0954, 0.4749,
0.3080

■ 22.0954, 0.4749,
0.3080

■ 18.8639, 0.5183,
0.3076

■ 26.4491, 0.4349,
0.3102

■ 16.6478, 0.5610,
0.3097

■ 32.0120, 0.4003,
0.3136

■ 15.3257, 0.5975,
0.3145

■ 38.8664, 0.3715,
0.3174

■ 14.7006, 0.6221,
0.3201

■ 47.0867, 0.3479,
0.3213

■ 56.7413, 0.3289,
0.3252

■ 67.8942, 0.3136,
0.3288

■ 80.6056, 0.3013,
0.3321

■ 93.1308, 0.2912,
0.3323

■ 93.3397, 0.2894,
0.3289

Harmonies

Analogous

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



22.0954, 0.3877, 0.2492



22.0954, 0.4749, 0.3080



22.0954, 0.5061, 0.3744

Triad

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



22.0954, 0.4749, 0.3080



22.0954, 0.3127, 0.5070



22.0954, 0.1634, 0.1948

Complementary

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



22.0954, 0.4749, 0.3080



55.0754, 0.2478, 0.3556

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.



22.0954, 0.1507, 0.2363



22.0954, 0.4749, 0.3080



22.0954, 0.2275, 0.4319

Square

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



22.0954, 0.4749, 0.3080



22.0954, 0.4027, 0.5004



22.0954, 0.1708, 0.3200



22.0954, 0.2081, 0.1870

Rectangle

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



22.0954, 0.4749, 0.3080



22.0954, 0.4911, 0.4204



22.0954, 0.1708, 0.3200



22.0954, 0.1557, 0.2044

Sweetspot

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



22.0966, 0.4749, 0.3080



71.8559, 0.3428, 0.3223



23.2382, 0.2981, 0.1799



14.5496, 0.3489, 0.3212



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.



22.0966, 0.4749, 0.3080



26.3404, 0.5315, 0.3079



31.4481, 0.4632, 0.3828



12.4499, 0.3268, 0.3256



8.7105, 0.6193, 0.3185



0.5350, 0.5778, 0.2957

Inverse Universe

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



22.0966, 0.4749, 0.3080



26.3404, 0.5315, 0.3079



35.6961, 0.2238, 0.2615



12.4499, 0.3268, 0.3256



8.7105, 0.6193, 0.3185



0.5350, 0.5778, 0.2957

Previews

White Background



This preview shows how the Yxy color 22.0954, 0.4749, 0.3080 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 22.0954, 0.4749, 0.3080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

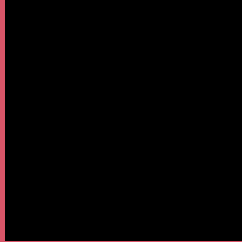
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.0954, 0.4749, 0.3080

Background



This preview shows how black text looks on a background with the Yxy color 22.0954, 0.4749, 0.3080.



This preview shows how white text looks on a background with the Yxy color 22.0954, 0.4749, 0.3080.

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

22.0954, 0.4749, 0.3080

Protanopia

22.1934, 0.3207, 0.3343

Deuteranopia

22.3214, 0.3800, 0.3741



Tritanopia

22.0538, 0.4890, 0.3228

Trichromacy



Original Color

22.0954, 0.4749, 0.3080

Protanomaly

20.9048, 0.3731, 0.3212

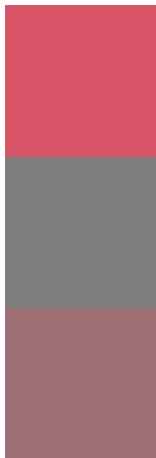
Deuteranomaly

21.3021, 0.4165, 0.3442

Tritanomaly

21.9657, 0.4838, 0.3172

Monochromacy



Original Color

22.0954, 0.4749, 0.3080

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

20.0478, 0.3686, 0.3178

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.0954, 0.4749, 0.3080 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(216, 85, 104)` looks like.

```
.text, #text, p{  
    color:rgb(216, 85, 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(216, 85, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 85, 104) }
```

Border

The CSS property to change the border of an element to Yxy 22.0954, 0.4749, 0.3080 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(216, 85, 104) }
```

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

```
.border{ border-color:rgb(216, 85, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 85, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 85, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 85, 104);  
box-shadow:4px 4px 4px 4px rgb(216, 85,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 22.0954, 0.4749, 0.3080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 85, 104) }
```

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

```
.background{ background-color: rgb(216, 85,  
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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