

Converting Colors

$Y_{xy}(22.8633, 0.4053, 0.3031)$

Have a look what the booklet for
Yxy(22.8633, 0.4053, 0.3031)
contains.

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Color

Yxy(22.7649, 0.4054, 0.3033)

Conversions

Conversions Part 1

Format	Color
Hex	C0697C
RGB	192, 105, 124
RGB Percent	75%, 41%, 49%
CMY	0.2471, 0.5882, 0.5137
CMYK	0.00, 0.45, 0.35, 0.25
HSL	347°, 41%, 58%
HSV	347°, 45%, 75%
XYZ	30.4283, 22.7649, 21.8642
YIQ	133.1790, 45.7530, 24.3530

Conversions

Conversions Part 2

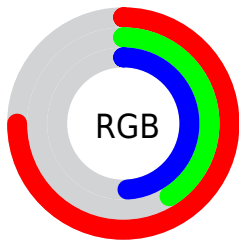
Format	Color
R_{YB}	192, 105, 124
Decimal	12609916
CIE _{Lab}	54.83, 36.75, 5.00
CIE _{LCh}	55, 37.085, 7.752
Yxy	22.7649, 0.4054, 0.3033
Android (android.graphics.Color)	4290799996 (0xFFC0697C)
YUV	133.1790, -4.5252, 51.5860
Hunter-Lab	47.7126, 30.3397, 6.2293

Details

The Yxy color **22.7649, 0.4054, 0.3033** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **43.7185, 0.2636, 0.3577**, and the grayscale version is **23.5295, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.0975, 0.3857, 0.3100**, and **8.4746, 0.4428, 0.2934** is the 20% darker color. If you saturate the color by 10%, you get **18.9351, 0.4386, 0.2986**, and if you desaturate by 10%, it is **27.5376, 0.3773, 0.3089**.

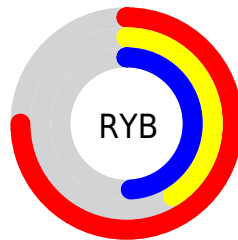
Distribution



Red (75%)

Green (41%)

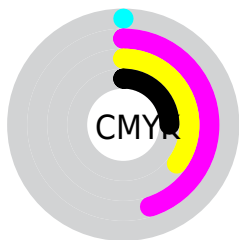
Blue (49%)



Red (75%)

Yellow (41%)

Blue (49%)

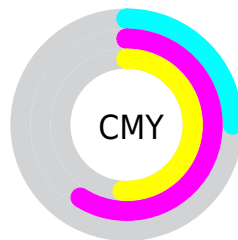


Cyan (0%)

Magenta (45%)

Yellow (35%)

Black (25%)



Cyan (25%)


Magenta (59%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.7649, 0.4054, 0.3033 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 22.7649, 0.4054, 0.3033 by changing the saturation by 10% instead.


 22.7649, 0.4054,
0.3033


 22.7649, 0.4054,
0.3033


266.5152, 0.3533,
0.3184


 14.4200, 0.4206,
0.2986


 48.0070, 0.3849,
0.3094


 8.4134, 0.4417,
0.2919


 65.6730, 0.3777,
0.3115

 4.3606, 0.4727,
0.2816

 87.2148, 0.3718,
0.3132

 1.8772, 0.5221,
0.2641

 113.0169, 0.3669,
0.3146

 0.5346, 0.6676,
0.2317

143.4635, 0.3627,
0.3158

 0.0000, 1.0000,
0.0000

178.9392, 0.3592,

 0.0000, 0.0000,

0.3168

0.0000

219.8283, 0.3561,
0.3177

■ 22.7649, 0.4054,
0.3033

■ 22.7649, 0.4054,
0.3033

■ 18.9351, 0.4386,
0.2986

■ 27.5376, 0.3773,
0.3089

■ 15.9821, 0.4763,
0.2957

■ 33.3067, 0.3540,
0.3148

■ 13.8364, 0.5166,
0.2956


■ 40.1260, 0.3351,
0.3206

■ 12.4167, 0.5558,
0.2990

■ 48.0440, 0.3197,
0.3262

■ 11.6234, 0.5895,
0.3060

■ 57.1066, 0.3072,
0.3314

 11.3730, 0.6030,
0.3095

 67.3567, 0.2971,
0.3361

 78.8354, 0.2888,
0.3405

 89.2607, 0.2817,
0.3406

 89.9462, 0.2762,
0.3289

Harmonies

Analogous

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



22.7649, 0.3427, 0.2619



22.7649, 0.4054, 0.3033



22.7649, 0.4408, 0.3522

Triad

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



22.7649, 0.4054, 0.3033



22.7649, 0.3378, 0.4481



22.7649, 0.2006, 0.2430

Complementary

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



22.7649, 0.4054, 0.3033



43.7185, 0.2636, 0.3577

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.



22.7649, 0.1996, 0.2842



22.7649, 0.4054, 0.3033



22.7649, 0.2747, 0.4133

Square

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



22.7649, 0.4054, 0.3033



22.7649, 0.3973, 0.4393



22.7649, 0.2250, 0.3478



22.7649, 0.2271, 0.2275

Rectangle

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



22.7649, 0.4054, 0.3033



22.7649, 0.4423, 0.3854



22.7649, 0.2250, 0.3478



22.7649, 0.1974, 0.2539

Sweetspot

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



22.7660, 0.4054, 0.3033



74.1666, 0.3332, 0.3213



22.6466, 0.2952, 0.2122



15.2884, 0.3369, 0.3200



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



22.7660, 0.4054, 0.3033



34.5837, 0.4370, 0.2988



27.7176, 0.4172, 0.3610



10.1131, 0.3255, 0.3240



7.6627, 0.6000, 0.3079



0.3417, 0.5365, 0.2729

Inverse Universe

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



22.7660, 0.4054, 0.3033



34.5837, 0.4370, 0.2988



35.1107, 0.2464, 0.2933



10.1131, 0.3255, 0.3240



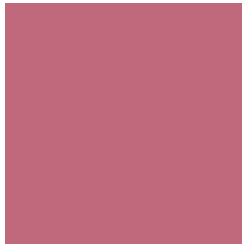
7.6627, 0.6000, 0.3079



0.3417, 0.5365, 0.2729

Previews

White Background



This preview shows how the Yxy color 22.7649, 0.4054, 0.3033 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 22.7649, 0.4054, 0.3033 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 22.7649, 0.4054, 0.3033

Background



This preview shows how black text looks on a background with the Yxy color 22.7649, 0.4054, 0.3033.



This preview shows how white text looks on a background with the Yxy color 22.7649, 0.4054, 0.3033.

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

22.7649, 0.4054, 0.3033

Protanopia

23.0022, 0.3054, 0.3152

Deuteranopia

22.9244, 0.3475, 0.3408



Tritanopia

22.8067, 0.4175, 0.3197

Trichromacy



Original Color

22.7649, 0.4054, 0.3033

Protanomaly

22.5103, 0.3382, 0.3096

Deuteranomaly

22.5735, 0.3692, 0.3260

Tritanomaly

22.6924, 0.4123, 0.3128

Monochromacy



Original Color

22.7649, 0.4054, 0.3033

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

22.6476, 0.3428, 0.3177

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.7649, 0.4054, 0.3033 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(192, 105, 124)` looks like.

```
.text, #text, p{  
    color:rgb(192, 105, 124)  
}
```

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(192, 105, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 105, 124) }
```

Border

The CSS property to change the border of an element to Yxy 22.7649, 0.4054, 0.3033 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(192, 105, 124) }
```

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

```
.border{ border-color:rgb(192, 105, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 105, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 105, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 105, 124);  
box-shadow:4px 4px 4px 4px rgb(192, 105,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 22.7649, 0.4054, 0.3033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 105, 124) }
```

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

```
.background{ background-color: rgb(192,  
105, 124) }
```

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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