

Converting Colors

$Yxy(22.1411, 0.4928, 0.3776)$

Have a look what the booklet for
Yxy(22.1411, 0.4928, 0.3776)
contains.

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Color

Yxy(22.1411, 0.4928, 0.3776)

Conversions

Conversions Part 1

Format	Color
Hex	C56840
RGB	197, 104, 64
RGB Percent	77%, 41%, 25%
CMY	0.2276, 0.5921, 0.7491
CMYK	0.00, 0.47, 0.68, 0.23
HSL	18°, 53%, 51%
HSV	18°, 68%, 77%
XYZ	28.8960, 22.1411, 7.5993
YIQ	127.2470, 68.2680, 7.2760

Conversions

Conversions Part 2

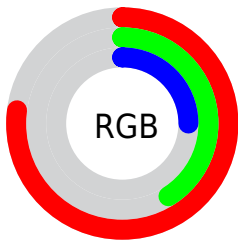
Format	Color
RYB	197, 121, 64
Decimal	12937280
CIELab	54.18, 33.72, 38.65
CIElCh	54, 51.291, 48.897
Yxy	22.1411, 0.4928, 0.3776
Android (android.graphics.Color)	4291127360 (0xFFC56840)
YUV	127.2470, -31.1808, 61.1734
Hunter-Lab	47.0543, 27.2716, 23.3627

Details

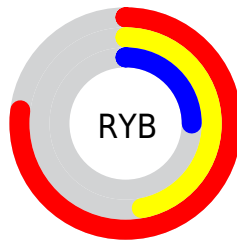
The Yxy color **22.1411, 0.4928, 0.3776** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **29.2115, 0.2191, 0.2641**, and the grayscale version is **21.4060, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.5662, 0.4521, 0.3741**, and **8.0853, 0.5539, 0.3761** is the 20% darker color. If you saturate the color by 10%, you get **19.4065, 0.5295, 0.3784**, and if you desaturate by 10%, it is **25.4097, 0.4564, 0.3733**.

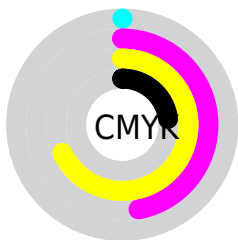
Distribution



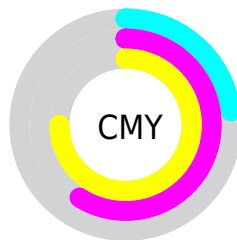
- Red (77%)
- Green (41%)
- Blue (25%)



- Red (77%)
- Yellow (47%)
- Blue (25%)



- Cyan (0%)
- Magenta (47%)
- Yellow (68%)
- Black (23%)





- Cyan (23%)
- Magenta (59%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.1411, 0.4928, 0.3776 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 22.1411, 0.4928, 0.3776 by changing the saturation by 10% instead.


 22.1411, 0.4928,
0.3776

 22.1411, 0.4928,
0.3776

263.2822, 0.3932,
0.3585


 13.9606, 0.5194,
0.3787


 46.9791, 0.4549,
0.3729


 8.0933, 0.5535,
0.3770


 64.4054, 0.4411,
0.3703

 4.1547, 0.6066,
0.3743

 85.6824, 0.4296,
0.3679

 1.7605, 0.6549,
0.3451

 111.1946, 0.4200,
0.3657

 0.4624, 0.7430,
0.2570

 141.3262, 0.4118,
0.3636

 0.0000, 1.0000,
0.0000

 176.4618, 0.4047,

 0.0000, 0.0000,

0.3618

0.0000

216.9857, 0.3985,
0.3601

■ 22.1411, 0.4928,
0.3776

■ 22.1411, 0.4928,
0.3776

■ 19.4065, 0.5295,
0.3784

■ 25.4097, 0.4564,
0.3733

■ 17.1718, 0.5631,
0.3747

■ 29.2368, 0.4225,
0.3668

■ 15.4018, 0.5904,
0.3666

■ 33.6493, 0.3923,
0.3589

■ 15.0255, 0.5966,
0.3645

■ 38.6714, 0.3661,
0.3507

■ 44.3257, 0.3438,
0.3424

■ 50.6338, 0.3249,
0.3346

■ 57.6161, 0.3090,
0.3272

■ 65.2922, 0.2956,
0.3204

■ 73.6807, 0.2843,
0.3142

Harmonies

Analogous

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



22.1411, 0.4664, 0.3140



22.1411, 0.4928, 0.3776



22.1411, 0.4624, 0.4418

Triad

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



22.1411, 0.4928, 0.3776



22.1411, 0.2300, 0.4177



22.1411, 0.2183, 0.1957

Complementary

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



22.1411, 0.4928, 0.3776



29.2115, 0.2191, 0.2641

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.



22.1411, 0.1738, 0.2020



22.1411, 0.4928, 0.3776



22.1411, 0.1778, 0.3160

Square

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



22.1411, 0.4928, 0.3776



22.1411, 0.3093, 0.4904



22.1411, 0.1600, 0.2399



22.1411, 0.2938, 0.2155

Rectangle

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



22.1411, 0.4928, 0.3776



22.1411, 0.4196, 0.4782



22.1411, 0.1600, 0.2399



22.1411, 0.2000, 0.1947

Sweetspot

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



22.1423, 0.4928, 0.3776



76.4678, 0.3497, 0.3447



17.9690, 0.3742, 0.2173



15.7430, 0.3559, 0.3471



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.



22.1423, 0.4928, 0.3776



32.7666, 0.5460, 0.3772



41.1269, 0.4252, 0.4556



11.1489, 0.3282, 0.3360



10.0155, 0.5943, 0.3663



0.6033, 0.5524, 0.3996

Inverse Universe

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



29.2115, 0.2191, 0.2641



45.9175, 0.2064, 0.2473



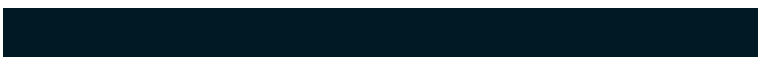
12.5310, 0.1919, 0.1513



11.5076, 0.2984, 0.3219



14.7010, 0.1969, 0.2287



0.8188, 0.2034, 0.2521

Previews

White Background



This preview shows how the Yxy color 22.1411, 0.4928, 0.3776 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 22.1411, 0.4928, 0.3776 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 22.1411, 0.4928, 0.3776

Background



This preview shows how black text looks on a background with the Yxy color 22.1411, 0.4928, 0.3776.



This preview shows how white text looks on a background with the Yxy color 22.1411, 0.4928, 0.3776.

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

22.1411, 0.4928, 0.3776

Protanopia

22.2859, 0.3920, 0.4259

Deuteranopia

22.3186, 0.4334, 0.4257



Tritanopia

22.1064, 0.4436, 0.3203

Trichromacy



Original Color

22.1411, 0.4928, 0.3776

Protanomaly

21.9035, 0.4287, 0.4074

Deuteranomaly

22.0582, 0.4559, 0.4078

Tritanomaly

22.0685, 0.4626, 0.3422

Monochromacy



Original Color

22.1411, 0.4928, 0.3776

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

20.8685, 0.3744, 0.3544

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.1411, 0.4928, 0.3776 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(197, 104, 64)` looks like.

```
.text, #text, p{  
    color:rgb(197, 104, 64)  
}
```

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(197, 104, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 104, 64) }
```

Border

The CSS property to change the border of an element to Yxy 22.1411, 0.4928, 0.3776 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(197, 104, 64) }
```

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

```
.border{ border-color:rgb(197, 104, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 104, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 104, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 104, 64);  
box-shadow:4px 4px 4px 4px rgb(197, 104,  
64) }
```


Background

The CSS property to change the background color of an element to Yxy 22.1411, 0.4928, 0.3776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 104, 64) }
```

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

```
.background{ background-color: rgb(197,  
104, 64) }
```

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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