

Converting Colors

$Y_{xy}(22.3149, 0.5253, 0.3907)$

Have a look what the booklet for
Yxy(22.3149, 0.5253, 0.3907)
contains.

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Color

Yxy(22.3048, 0.5248, 0.3907)

Conversions

Conversions Part 1

Format	Color
Hex	CC6529
RGB	204, 101, 41
RGB Percent	80%, 40%, 16%
CMY	0.1999, 0.6040, 0.8392
CMYK	0.00, 0.51, 0.80, 0.20
HSL	22°, 67%, 48%
HSV	22°, 80%, 80%
XYZ	29.9605, 22.3048, 4.8240
YIQ	124.9570, 80.6480, 3.1760

Conversions

Conversions Part 2

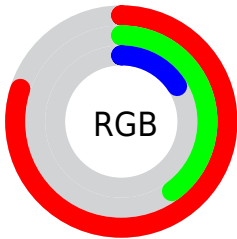
Format	Color
R_{YB}	204, 136, 41
Decimal	13395241
CIE _{Lab}	54.35, 37.05, 50.52
CIE _{LCh}	54, 62.654, 53.742
Yxy	22.3048, 0.5248, 0.3907
Android (android.graphics.Color)	4291585321 (0xFFCC6529)
YUV	124.9570, -41.3908, 69.3207
Hunter-Lab	47.2280, 30.5879, 27.0035

Details

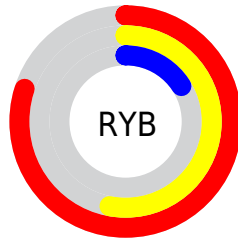
The Yxy color **22.3048, 0.5248, 0.3907** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **24.7895, 0.2030, 0.2309**, and the grayscale version is **20.6146, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.1265, 0.4733, 0.3906**, and **8.2073, 0.5781, 0.3792** is the 20% darker color. If you saturate the color by 10%, you get **19.8883, 0.5547, 0.3866**, and if you desaturate by 10%, it is **25.1904, 0.4916, 0.3898**.

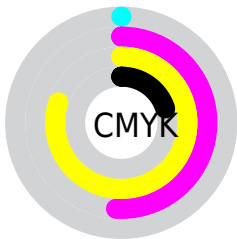
Distribution



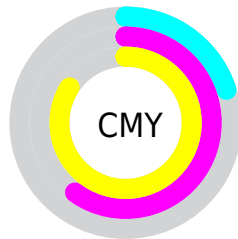
- Red (80%)
- Green (40%)
- Blue (16%)



- Red (80%)
- Yellow (53%)
- Blue (16%)



- Cyan (0%)
- Magenta (51%)
- Yellow (80%)
- Black (20%)





- Cyan (20%)
- Magenta (60%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.3048, 0.5248, 0.3907 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 22.3048, 0.5248, 0.3907 by changing the saturation by 10% instead.


 22.3048, 0.5248,
0.3907


 22.3048, 0.5248,
0.3907


264.1339, 0.4108,
0.3695


 14.0810, 0.5524,
0.3898


 47.2493, 0.4831,
0.3870

 8.1770, 0.5867,
0.3847


 64.7387, 0.4673,
0.3842


 4.2084, 0.6292,
0.3708

 86.0856, 0.4540,
0.3814

 1.7908, 0.6676,
0.3324

 111.6741, 0.4427,
0.3787

 0.4815, 0.7541,
0.2459

 141.8889, 0.4330,
0.3762

 0.0000, 1.0000,
0.0000

 177.1141, 0.4246,

 0.0000, 0.0000,

0.3738

0.0000

217.7344, 0.4173,
0.3716

■ 22.3048, 0.5248,
0.3907

■ 22.3048, 0.5248,
0.3907

■ 19.8883, 0.5547,
0.3866

■ 25.1904, 0.4916,
0.3898

■ 17.9003, 0.5794,
0.3780

■ 28.5686, 0.4579,
0.3849

■ 17.8829, 0.5797,
0.3779

■ 32.4650, 0.4258,
0.3772

■ 36.9024, 0.3965,
0.3678

■ 41.9019, 0.3707,
0.3578

■ 47.4834, 0.3482,
0.3478

■ 53.6657, 0.3290,
0.3381

■ 60.4668, 0.3126,
0.3289

■ 67.9039, 0.2986,
0.3204

Harmonies

Analogous

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



22.3048, 0.5091, 0.3186



22.3048, 0.5248, 0.3907



22.3048, 0.4745, 0.4670

Triad

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



22.3048, 0.5248, 0.3907



22.3048, 0.1994, 0.4181



22.3048, 0.2124, 0.1758

Complementary

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



22.3048, 0.5248, 0.3907



24.7895, 0.2030, 0.2309

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.



22.3048, 0.1568, 0.1766



22.3048, 0.5248, 0.3907



22.3048, 0.1479, 0.2919

Square

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



22.3048, 0.5248, 0.3907



22.3048, 0.2873, 0.5222



22.3048, 0.1357, 0.2111



22.3048, 0.3060, 0.2028

Rectangle

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



22.3048, 0.5248, 0.3907



22.3048, 0.4187, 0.5123



22.3048, 0.1357, 0.2111



22.3048, 0.1897, 0.1729

Sweetspot

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



22.3060, 0.5248, 0.3907



74.4219, 0.3577, 0.3522



16.4478, 0.4087, 0.2186



15.2247, 0.3660, 0.3558



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.



22.3060, 0.5248, 0.3907



30.4505, 0.5729, 0.3802



46.5741, 0.4316, 0.4775



11.8785, 0.3281, 0.3376



11.4166, 0.5771, 0.3799



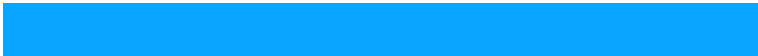
0.7329, 0.5400, 0.4094

Inverse Universe

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



24.7895, 0.2030, 0.2309



34.1673, 0.1913, 0.2067



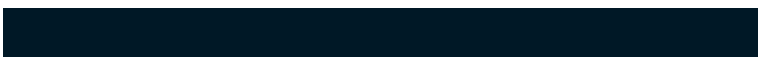
8.3583, 0.1698, 0.1045



12.0059, 0.2983, 0.3203



12.7980, 0.1902, 0.2048



0.8021, 0.1977, 0.2318

Previews

White Background



This preview shows how the Yxy color 22.3048, 0.5248, 0.3907 looks on a white background.

Color Contrast Check

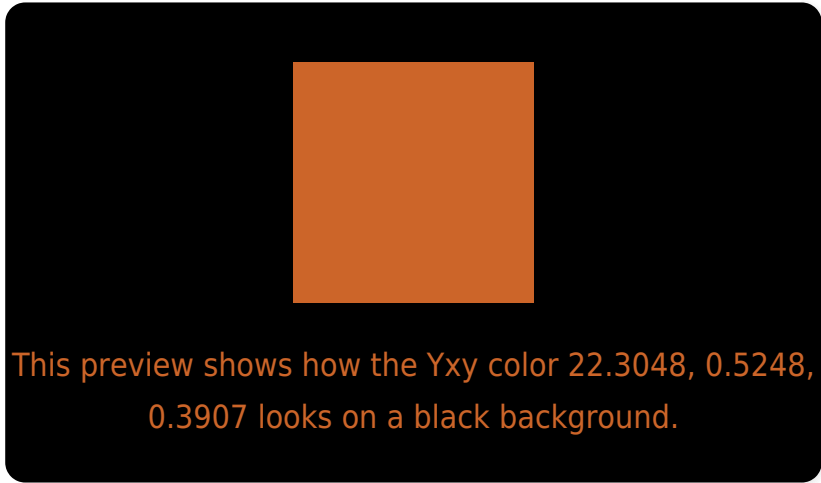
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 22.3048, 0.5248, 0.3907

Background



This preview shows how black text looks on a background with the Yxy color 22.3048, 0.5248, 0.3907.



This preview shows how white text looks on a background with the Yxy color 22.3048, 0.5248, 0.3907.

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

22.3048, 0.5248, 0.3907

Protanopia

22.5653, 0.4166, 0.4580

Deuteranopia

22.4176, 0.4579, 0.4504



Tritanopia

22.3894, 0.4629, 0.3221

Trichromacy



Original Color

22.3048, 0.5248, 0.3907

Protanomaly

21.8457, 0.4577, 0.4320

Deuteranomaly

22.2019, 0.4839, 0.4271

Tritanomaly

22.2357, 0.4910, 0.3506

Monochromacy



Original Color

22.3048, 0.5248, 0.3907

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

20.1690, 0.3918, 0.3660

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.3048, 0.5248, 0.3907 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, 101, 41)` looks like.

```
.text, #text, p{  
    color:rgb(204, 101, 41)  
}
```

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, 101, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 101, 41) }
```

Border

The CSS property to change the border of an element to Yxy 22.3048, 0.5248, 0.3907 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, 101, 41) }
```

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

```
.border{ border-color:rgb(204, 101, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 101, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 101, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 101, 41);  
box-shadow:4px 4px 4px 4px rgb(204, 101,  
41) }
```


Background

The CSS property to change the background color of an element to Yxy 22.3048, 0.5248, 0.3907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 101, 41) }
```

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

```
.background{ background-color: rgb(204,  
101, 41) }
```

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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