

Converting Colors

$Y_{xy}(30.3179, 0.4557, 0.4185)$

Have a look what the booklet for
Yxy(30.3179, 0.4557, 0.4185)
contains.

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Color

Yxy(30.4289, 0.4553, 0.4190)

Conversions

Conversions Part 1

Format	Color
Hex	C58A41
RGB	197, 138, 65
RGB Percent	77%, 54%, 25%
CMY	0.2275, 0.4588, 0.7452
CMYK	0.00, 0.30, 0.67, 0.23
HSL	33°, 53%, 51%
HSV	33°, 67%, 77%
XYZ	33.0651, 30.4289, 9.1287
YIQ	147.3190, 58.5970, -10.1950

Conversions

Conversions Part 2

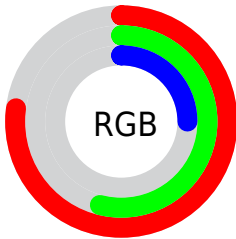
Format	Color
RYB	172, 197, 65
Decimal	12945985
CIELab	62.02, 15.35, 46.99
CIElCh	62, 49.430, 71.910
Yxy	30.4289, 0.4553, 0.4190
Android (android.graphics.Color)	4291136065 (0xFFC58A41)
YUV	147.3190, -40.5833, 43.5702
Hunter-Lab	55.1624, 10.4612, 28.8019

Details

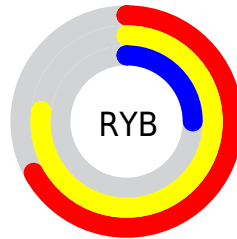
The Yxy color **30.4289, 0.4553, 0.4190** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **19.5572, 0.2057, 0.2068**, and the grayscale version is **29.4698, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.7826, 0.4271, 0.4052**, and **12.4975, 0.4942, 0.4347** is the 20% darker color. If you saturate the color by 10%, you get **27.8166, 0.4796, 0.4252**, and if you desaturate by 10%, it is **33.3285, 0.4301, 0.4090**.

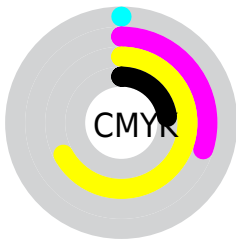
Distribution



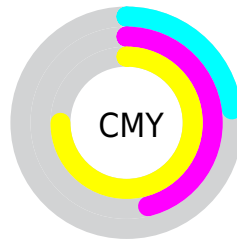
- Red (77%)
- Green (54%)
- Blue (25%)



- Red (67%)
- Yellow (77%)
- Blue (25%)



- Cyan (0%)
- Magenta (30%)
- Yellow (67%)
- Black (23%)





- Cyan (23%)
- Magenta (46%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.4289, 0.4553, 0.4190 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 30.4289, 0.4553, 0.4190 by changing the saturation by 10% instead.


 30.4289, 0.4553,
0.4190


 30.4289, 0.4553,
0.4190


303.8986, 0.3816,
0.3770

 20.1644, 0.4729,
0.4270

 60.3398, 0.4287,
0.4052


 12.5146, 0.4944,
0.4350


 80.7550, 0.4186,
0.3996

 7.0951, 0.5215,
0.4427


 105.3224, 0.4100,
0.3946

 3.5217, 0.5542,
0.4458

 134.4266, 0.4027,
0.3902

 1.4098, 0.5764,
0.4236

 168.4520, 0.3963,
0.3863

 0.2239, 0.7241,
0.2759

207.7828, 0.3908,

 0.0000, 0.0000,

0.3828

0.0000

252.8035, 0.3859,
0.3798

■ 30.4289, 0.4553,
0.4190

■ 30.4289, 0.4553,
0.4190

■ 27.8166, 0.4796,
0.4252

■ 33.3285, 0.4301,
0.4090

■ 25.4735, 0.5017,
0.4264

■ 36.5228, 0.4054,
0.3963

■ 23.3842, 0.5204,
0.4224

■ 40.0246, 0.3820,
0.3821

■ 22.8018, 0.5257,
0.4208

■ 43.8441, 0.3605,
0.3673

■ 47.9911, 0.3410,
0.3526

■ 52.4748, 0.3237,
0.3385

■ 57.3038, 0.3083,
0.3251

■ 62.4867, 0.2949,
0.3126

■ 68.0313, 0.2830,
0.3011

Harmonies

Analogous

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



30.4289, 0.4693, 0.3616



30.4289, 0.4553, 0.4190



30.4289, 0.4026, 0.4646

Triad

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



30.4289, 0.4553, 0.4190



30.4289, 0.2021, 0.3387



30.4289, 0.2793, 0.2219

Complementary

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



30.4289, 0.4553, 0.4190



19.5572, 0.2057, 0.2068

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.



30.4289, 0.2177, 0.2094



30.4289, 0.4553, 0.4190



30.4289, 0.1779, 0.2649

Square

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



30.4289, 0.4553, 0.4190



30.4289, 0.2562, 0.4233



30.4289, 0.1836, 0.2222



30.4289, 0.3596, 0.2556

Rectangle

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



30.4289, 0.4553, 0.4190



30.4289, 0.3550, 0.4761



30.4289, 0.1836, 0.2222



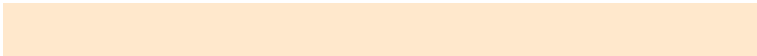
30.4289, 0.2559, 0.2151

Sweetspot

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



30.4304, 0.4553, 0.4190



83.4546, 0.3472, 0.3574



17.1117, 0.4285, 0.2566



17.4080, 0.3527, 0.3616



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.



30.4304, 0.4553, 0.4190



48.0015, 0.4893, 0.4264



51.3034, 0.3977, 0.4830



11.5936, 0.3276, 0.3418



15.1693, 0.5239, 0.4222



0.8613, 0.4964, 0.4440

Inverse Universe

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



19.5572, 0.2057, 0.2068



27.3101, 0.1881, 0.1765



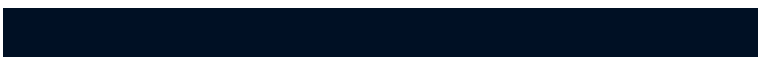
9.1708, 0.1883, 0.1182



11.0545, 0.2983, 0.3159



7.4046, 0.1728, 0.1421



0.4946, 0.1841, 0.1827

Previews

White Background



This preview shows how the Yxy color 30.4289, 0.4553, 0.4190 looks on a white background.

Color Contrast Check

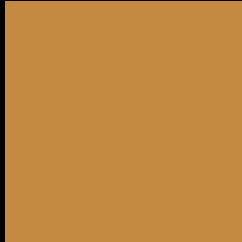
Large Text (above 18pt) WCAG AA × Fail

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 30.4289, 0.4553, 0.4190 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 ✓ Pass

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

Yxy 30.4289, 0.4553, 0.4190

Background



This preview shows how black text looks on a background with the Yxy color 30.4289, 0.4553, 0.4190.



This preview shows how white text looks on a background with the Yxy color 30.4289, 0.4553, 0.4190.

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

30.4289, 0.4553, 0.4190

Protanopia

30.4579, 0.4081, 0.4452

Deuteranopia

30.4542, 0.4394, 0.4317



Tritanopia

30.4153, 0.3853, 0.3161

Trichromacy



Original Color

30.4289, 0.4553, 0.4190

Protanomaly

30.4401, 0.4246, 0.4355

Deuteranomaly

30.3671, 0.4457, 0.4271

Tritanomaly

30.2467, 0.4138, 0.3557

Monochromacy



Original Color

30.4289, 0.4553, 0.4190

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

29.2302, 0.3638, 0.3705

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4289, 0.4553, 0.4190 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, 138, 65)` looks like.

```
.text, #text, p{  
    color:rgb(197, 138, 65)  
}
```

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, 138, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 138, 65) }
```

Border

The CSS property to change the border of an element to Yxy 30.4289, 0.4553, 0.4190 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, 138, 65) }
```

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

```
.border{ border-color:rgb(197, 138, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 138, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 138, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 138, 65);  
box-shadow:4px 4px 4px 4px rgb(197, 138,  
65) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4289, 0.4553, 0.4190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 138, 65) }
```

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

```
.background{ background-color: rgb(197,  
138, 65) }
```

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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