

Converting Colors

$Y_{xy}(30.4609, 0.3910, 0.5278)$

Have a look what the booklet for
Yxy(30.4609, 0.3910, 0.5278)
contains.

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Color

Yxy(30.5581, 0.3903, 0.5283)

Conversions

Conversions Part 1

Format	Color
Hex	86A100
RGB	134, 161, 0
RGB Percent	53%, 63%, 0%
CMY	0.4745, 0.3686, 1.0000
CMYK	0.17, 0.00, 1.00, 0.37
HSL	70°, 100%, 32%
HSV	70°, 100%, 63%
XYZ	22.5759, 30.5581, 4.7084
YIQ	134.5730, 35.5890, -55.7950

Conversions

Conversions Part 2

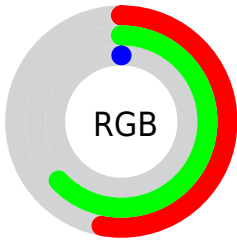
Format	Color
RYB	0, 161, 27
Decimal	8823040
CIELab	62.13, -27.13, 64.51
CIELCh	62, 69.984, 112.808
Yxy	30.5581, 0.3903, 0.5283
Android (android.graphics.Color)	4287013120 (0xFF86A100)
YUV	134.5730, -66.3445, -0.5025
Hunter-Lab	55.2794, -23.8403, 33.6456

Details

The Yxy color **30.5581, 0.3903, 0.5283** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **2.8070, 0.1580, 0.0644**, and the grayscale version is **24.3034, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.6825, 0.3823, 0.4907**, and **12.5995, 0.3736, 0.5415** is the 20% darker color. If you saturate the color by 10%, you get **30.5593, 0.3903, 0.5283**, and if you desaturate by 10%, it is **30.8220, 0.3906, 0.5210**.

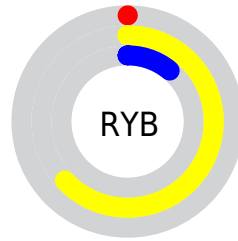
Distribution



Red (53%)

Green (63%)

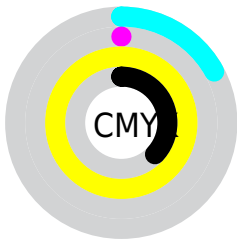
Blue (0%)



Red (0%)

Yellow (63%)

Blue (11%)

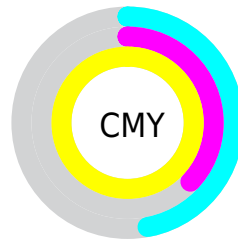


Cyan (17%)

Magenta (0%)

Yellow (100%)

Black (37%)



Cyan (47%)


Magenta (37%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.5581, 0.3903, 0.5283 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 30.5581, 0.3903, 0.5283 by changing the saturation by 10% instead.


 30.5581, 0.3903,
0.5283


 30.5581, 0.3903,
0.5283


304.4973, 0.3593,
0.4238


 20.2626, 0.3925,
0.5524

 60.5437, 0.3825,
0.4909


 12.5861, 0.3920,
0.5817


 81.0025, 0.3784,
0.4765


 7.1441, 0.3843,
0.6157


 105.6179, 0.3745,
0.4643

 3.5524, 0.3562,
0.6438

 134.7743, 0.3708,
0.4538

 1.4265, 0.3010,
0.6990

 168.8560, 0.3675,
0.4448

 0.2361, 0.0000,
1.0000

 208.2475, 0.3645,

 0.0000, 0.0000,

0.4369

0.0000

■ 253.3331, 0.3618,
0.4300

■ 30.5581, 0.3903,
0.5283

■ 30.5581, 0.3903,
0.5283

■ 30.5593, 0.3903,
0.5283

■ 30.8220, 0.3906,
0.5210

■ 31.1202, 0.3890,
0.5103

■ 31.4671, 0.3849,
0.4952

■ 31.8680, 0.3784,
0.4762

■ 32.3278, 0.3699,
0.4540

■ 32.8507, 0.3597,
0.4297

■ 33.4403, 0.3484,
0.4041

■ 34.1002, 0.3366,
0.3784

■ 34.8335, 0.3245,
0.3532

Harmonies

Analogous

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



30.5581, 0.4774, 0.4650



30.5581, 0.3903, 0.5283



30.5581, 0.2901, 0.5253

Triad

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



30.5581, 0.3903, 0.5283



30.5581, 0.1348, 0.2122



30.5581, 0.4187, 0.2510

Complementary

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



30.5581, 0.3903, 0.5283



2.8070, 0.1580, 0.0644

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.



30.5581, 0.3025, 0.2010



30.5581, 0.3903, 0.5283



30.5581, 0.1550, 0.1764

Square

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



30.5581, 0.3903, 0.5283



30.5581, 0.1481, 0.2950



30.5581, 0.2096, 0.1748



30.5581, 0.5084, 0.3162

Rectangle

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



30.5581, 0.3903, 0.5283



30.5581, 0.2276, 0.4652



30.5581, 0.2096, 0.1748



30.5581, 0.3799, 0.2321

Sweetspot

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



30.5595, 0.3903, 0.5283



59.8210, 0.3491, 0.4056



8.3544, 0.6219, 0.3444



13.0257, 0.3536, 0.4157



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



30.5595, 0.3903, 0.5283



54.6509, 0.3897, 0.5287



26.2669, 0.3178, 0.5858



8.1769, 0.3237, 0.3514



24.4203, 0.3905, 0.5281



0.5281, 0.4017, 0.5193

Inverse Universe

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



2.8070, 0.1580, 0.0644



4.9672, 0.1569, 0.0638



5.7206, 0.2392, 0.1091



6.9144, 0.3012, 0.3060



2.2541, 0.1585, 0.0647



0.0625, 0.1869, 0.0803

Previews

White Background



This preview shows how the Yxy color 30.5581, 0.3903, 0.5283 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 30.5581, 0.3903, 0.5283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

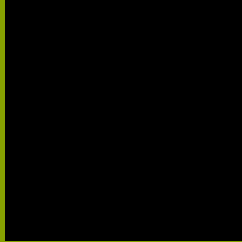
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.5581, 0.3903, 0.5283

Background



This preview shows how black text looks on a background with the Yxy color 30.5581, 0.3903, 0.5283.



This preview shows how white text looks on a background with the Yxy color 30.5581, 0.3903, 0.5283.

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

30.5581, 0.3903, 0.5283

Protanopia

30.2477, 0.4404, 0.4885

Deuteranopia

30.2487, 0.4647, 0.4554



Tritanopia

30.5889, 0.2996, 0.3120

Trichromacy



Original Color

30.5581, 0.3903, 0.5283

Protanomaly

30.1791, 0.4215, 0.5035

Deuteranomaly

29.9736, 0.4382, 0.4825

Tritanomaly

29.8213, 0.3491, 0.4146

Monochromacy



Original Color

30.5581, 0.3903, 0.5283

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

25.7693, 0.3604, 0.4291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.5581, 0.3903, 0.5283 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(134, 161, 0)` looks like.

```
.text, #text, p{  
    color:rgb(134, 161, 0)  
}
```

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(134, 161, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 161, 0) }
```

Border

The CSS property to change the border of an element to Yxy 30.5581, 0.3903, 0.5283 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(134, 161, 0) }
```

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

```
.border{ border-color:rgb(134, 161, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 161, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 161, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 161, 0);  
box-shadow:4px 4px 4px 4px rgb(134, 161,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 30.5581, 0.3903, 0.5283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 161, 0) }
```

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

```
.background{ background-color: rgb(134,  
161, 0) }
```

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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