

Converting Colors

$Yxy(20.2053, 0.3698, 0.5445)$

Have a look what the booklet for
Yxy(20.2053, 0.3698, 0.5445)
contains.

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Color

Yxy(20.0951, 0.3695, 0.5448)

Conversions

Conversions Part 1

Format	Color
Hex	608800
RGB	96, 136, 0
RGB Percent	38%, 53%, 0%
CMY	0.6235, 0.4667, 0.9999
CMYK	0.29, 0.00, 1.00, 0.47
HSL	78°, 100%, 27%
HSV	78°, 100%, 53%
XYZ	13.6291, 20.0951, 3.1611
YIQ	108.5360, 19.8160, -50.7760

Conversions

Conversions Part 2

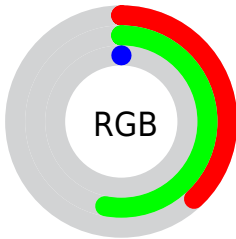
Format	Color
RYB	0, 136, 40
Decimal	6326272
CIELab	51.94, -31.16, 55.68
CIELCh	52, 63.803, 119.233
Yxy	20.0951, 0.3695, 0.5448
Android (android.graphics.Color)	4284516352 (0xFF608800)
YUV	108.5360, -53.5082, -10.9941
Hunter-Lab	44.8276, -24.1781, 27.1984

Details

The Yxy color **20.0951, 0.3695, 0.5448** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **2.2298, 0.1717, 0.0719**, and the grayscale version is **15.3068, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.8115, 0.3655, 0.4975**, and **7.1692, 0.3418, 0.5668** is the 20% darker color. If you saturate the color by 10%, you get **20.0954, 0.3695, 0.5448**, and if you desaturate by 10%, it is **20.3492, 0.3713, 0.5345**.

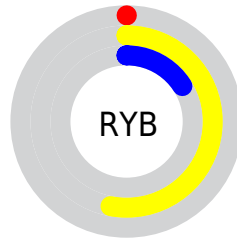
Distribution



Red (38%)

Green (53%)

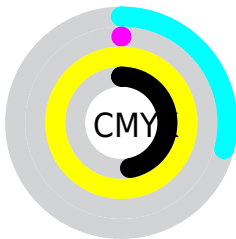
Blue (0%)



Red (0%)

Yellow (53%)

Blue (16%)

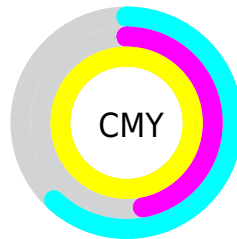


Cyan (29%)

Magenta (0%)

Yellow (100%)

Black (47%)



Cyan (62%)


Magenta (47%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.0951, 0.3695, 0.5448 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 20.0951, 0.3695, 0.5448 by changing the saturation by 10% instead.


 20.0951, 0.3695,
0.5448


 20.0951, 0.3695,
0.5448

 252.4295, 0.3479,
0.4212


 12.4642, 0.3680,
0.5775


 43.5766, 0.3655,
0.4973


 7.0606, 0.3679,
0.6321


 60.1959, 0.3625,
0.4801


 3.5001, 0.3352,
0.6648

 80.5802, 0.3596,
0.4658

 1.3980, 0.2620,
0.7380

 105.1138, 0.3568,
0.4539

 0.2153, 0.0000,
1.0000


 134.1812, 0.3543,
0.4438


 0.0000, 0.0000,
0.0000

 168.1666, 0.3519,

0.4352


 207.4546, 0.3498,
0.4277


 20.0951, 0.3695,
0.5448


 20.0951, 0.3695,
0.5448

 20.0954, 0.3695,
0.5448

 20.3492, 0.3713,
0.5345

 20.6324, 0.3715,
0.5209

 20.9563, 0.3694,
0.5030

 21.3244, 0.3649,
0.4814

 21.7400, 0.3585,
0.4571

■ 22.2059, 0.3506,
0.4311

■ 22.7248, 0.3417,
0.4045

■ 23.2990, 0.3321,
0.3782

■ 23.9307, 0.3224,
0.3529

Harmonies

Analogous

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



20.0951, 0.4651, 0.4850



20.0951, 0.3695, 0.5448



20.0951, 0.2659, 0.5211

Triad

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



20.0951, 0.3695, 0.5448



20.0951, 0.1305, 0.1956



20.0951, 0.4483, 0.2611

Complementary

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



20.0951, 0.3695, 0.5448



2.2298, 0.1717, 0.0719

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.



20.0951, 0.3268, 0.2055



20.0951, 0.3695, 0.5448



20.0951, 0.1582, 0.1679

Square

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



20.0951, 0.3695, 0.5448



20.0951, 0.1359, 0.2692



20.0951, 0.2226, 0.1729



20.0951, 0.5283, 0.3297

Rectangle

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



20.0951, 0.3695, 0.5448



20.0951, 0.2051, 0.4443



20.0951, 0.2226, 0.1729



20.0951, 0.4091, 0.2406

Sweetspot

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



20.0960, 0.3695, 0.5448



39.9828, 0.3423, 0.4063



6.6565, 0.5958, 0.3651



9.1798, 0.3457, 0.4161



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



20.0960, 0.3695, 0.5448



35.3313, 0.3684, 0.5457



17.8770, 0.3092, 0.5927



5.7723, 0.3216, 0.3509



19.0244, 0.3696, 0.5447



0.1339, 0.3939, 0.5254

Inverse Universe

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



2.2298, 0.1717, 0.0719



3.8560, 0.1698, 0.0709



4.8757, 0.2679, 0.1250



4.9589, 0.3033, 0.3067



2.1137, 0.1718, 0.0720



0.0209, 0.2167, 0.0967

Previews

White Background



This preview shows how the Yxy color 20.0951, 0.3695, 0.5448 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 20.0951, 0.3695, 0.5448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

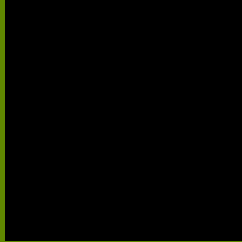
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.0951, 0.3695, 0.5448

Background



This preview shows how black text looks on a background with the Yxy color 20.0951, 0.3695, 0.5448.



This preview shows how white text looks on a background with the Yxy color 20.0951, 0.3695, 0.5448.

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

20.0951, 0.3695, 0.5448

Protanopia

19.9043, 0.4391, 0.4895

Deuteranopia

19.8651, 0.4618, 0.4528



Tritanopia

19.9505, 0.2830, 0.3101

Trichromacy



Original Color

20.0951, 0.3695, 0.5448

Protanomaly

19.6493, 0.4127, 0.5105

Deuteranomaly

19.5241, 0.4279, 0.4874

Tritanomaly

19.5964, 0.3279, 0.4170

Monochromacy



Original Color

20.0951, 0.3695, 0.5448

Achromatopsia

15.2926, 0.3127, 0.3290

Achromatomaly

16.5664, 0.3515, 0.4352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.0951, 0.3695, 0.5448 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(96, 136, 0)` looks like.

```
.text, #text, p{  
    color:rgb(96, 136, 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(96, 136, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 136, 0) }
```

Border

The CSS property to change the border of an element to Yxy 20.0951, 0.3695, 0.5448 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(96, 136, 0) }
```

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

```
.border{ border-color:rgb(96, 136, 0) }
```

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

Here you see how a box with a 4 pixel rgb(96, 136, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 136, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 136, 0);  
box-shadow:4px 4px 4px 4px rgb(96, 136, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 20.0951, 0.3695, 0.5448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 136, 0) }
```

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

```
.background{ background-color: rgb(96, 136,  
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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