

Converting Colors

$Yxy(23.7534, 0.3908, 0.5260)$

Have a look what the booklet for
Yxy(23.7534, 0.3908, 0.5260)
contains.

Yxy(23.6468, 0.3910, 0.5256)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(23.6468, 0.3910, 0.5256)

Conversions

Conversions Part 1

Format	Color
Hex	788F04
RGB	120, 143, 4
RGB Percent	47%, 56%, 2%
CMY	0.5294, 0.4392, 0.9842
CMYK	0.16, 0.00, 0.97, 0.44
HSL	70°, 95%, 29%
HSV	70°, 97%, 56%
XYZ	17.5911, 23.6468, 3.7522
YIQ	120.2770, 30.9110, -48.1050

Conversions

Conversions Part 2

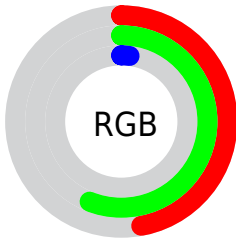
Format	Color
R_{YB}	4, 143, 27
Decimal	7900932
CIE Lab	55.73, -24.25, 58.59
CIE LCh	56, 63.413, 112.484
Yxy	23.6468, 0.3910, 0.5256
Android (android.graphics.Color)	4286091012 (0xFF788F04)
YUV	120.2770, -57.3246, -0.2429
Hunter-Lab	48.6280, -20.5267, 29.4647

Details

The Yxy color **23.6468, 0.3910, 0.5256** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **2.3036, 0.1609, 0.0679**, and the grayscale version is **19.0575, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.6175, 0.3820, 0.4859**, and **9.0220, 0.3738, 0.5414** is the 20% darker color. If you saturate the color by 10%, you get **23.5917, 0.3910, 0.5278**, and if you desaturate by 10%, it is **23.8551, 0.3907, 0.5174**.

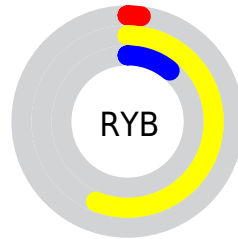
Distribution



Red (47%)

Green (56%)

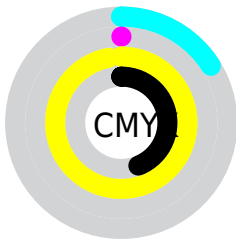
Blue (2%)



Red (2%)

Yellow (56%)

Blue (11%)

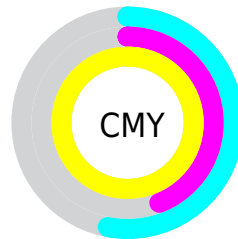


Cyan (16%)

Magenta (0%)

Yellow (97%)

Black (44%)



Cyan (53%)


Magenta (44%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.6468, 0.3910, 0.5256 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 23.6468, 0.3910, 0.5256 by changing the saturation by 10% instead.


 23.6468, 0.3910,
0.5256


 23.6468, 0.3910,
0.5256


271.0299, 0.3574,
0.4182


 15.0718, 0.3937,
0.5517


 49.4532, 0.3820,
0.4860


 8.8698, 0.3966,
0.5894


 67.4534, 0.3775,
0.4711

 4.6564, 0.3810,
0.6190

 89.3642, 0.3732,
0.4585

 2.0471, 0.3461,
0.6539

 115.5699, 0.3694,
0.4479

 0.6346, 0.0173,
0.9827


 146.4549, 0.3659,
0.4389


 0.0000, 0.0000,
0.0000


 182.4037, 0.3628,


0.4310


 223.8005, 0.3600,
0.4242


 23.6468, 0.3910,
0.5256


 23.6468, 0.3910,
0.5256


 23.5917, 0.3910,
0.5278

 23.8551, 0.3907,
0.5174

 24.0935, 0.3882,
0.5052

 24.3701, 0.3832,
0.4889

 24.6888, 0.3760,
0.4689

 25.0529, 0.3669,
0.4462

■ 25.4655, 0.3563,
0.4216

■ 25.9292, 0.3449,
0.3962

■ 26.4467, 0.3330,
0.3708

■ 27.0201, 0.3211,
0.3461

Harmonies

Analogous

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



23.6468, 0.4767, 0.4633



23.6468, 0.3910, 0.5256



23.6468, 0.2918, 0.5230

Triad

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



23.6468, 0.3910, 0.5256



23.6468, 0.1365, 0.2142



23.6468, 0.4162, 0.2513

Complementary

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



23.6468, 0.3910, 0.5256



2.3036, 0.1609, 0.0679

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.



23.6468, 0.3015, 0.2018



23.6468, 0.3910, 0.5256



23.6468, 0.1561, 0.1782

Square

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



23.6468, 0.3910, 0.5256



23.6468, 0.1502, 0.2968



23.6468, 0.2100, 0.1761



23.6468, 0.5054, 0.3159

Rectangle

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



23.6468, 0.3910, 0.5256



23.6468, 0.2298, 0.4644



23.6468, 0.2100, 0.1761



23.6468, 0.3778, 0.2326

Sweetspot

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



23.6479, 0.3910, 0.5256



46.2245, 0.3477, 0.4024



6.5381, 0.6157, 0.3442



10.5265, 0.3522, 0.4122



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



23.6479, 0.3910, 0.5256



42.1848, 0.3904, 0.5282



20.4019, 0.3213, 0.5803



6.2409, 0.3235, 0.3509



20.8668, 0.3911, 0.5276



0.2073, 0.4057, 0.5161

Inverse Universe

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



2.3036, 0.1609, 0.0679



3.8397, 0.1571, 0.0639



4.4690, 0.2386, 0.1104



5.2952, 0.3014, 0.3065



1.9282, 0.1587, 0.0648



0.0249, 0.1899, 0.0820

Previews

White Background



This preview shows how the Yxy color 23.6468, 0.3910, 0.5256 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 23.6468, 0.3910, 0.5256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

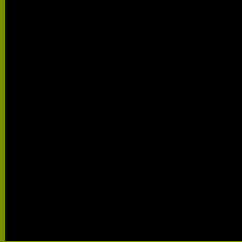
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.6468, 0.3910, 0.5256

Background



This preview shows how black text looks on a background with the Yxy color 23.6468, 0.3910, 0.5256.



This preview shows how white text looks on a background with the Yxy color 23.6468, 0.3910, 0.5256.

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

23.6468, 0.3910, 0.5256

Protanopia

23.5342, 0.4390, 0.4896

Deuteranopia

23.3167, 0.4639, 0.4548



Tritanopia

23.5835, 0.3002, 0.3118

Trichromacy



Original Color

23.6468, 0.3910, 0.5256

Protanomaly

23.3825, 0.4216, 0.5030

Deuteranomaly

23.1223, 0.4388, 0.4805

Tritanomaly

23.1761, 0.3482, 0.4111

Monochromacy



Original Color

23.6468, 0.3910, 0.5256

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

19.9815, 0.3583, 0.4252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.6468, 0.3910, 0.5256 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(120, 143, 4)` looks like.

```
.text, #text, p{  
    color:rgb(120, 143, 4)  
}
```

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(120, 143, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 143, 4) }
```

Border

The CSS property to change the border of an element to Yxy 23.6468, 0.3910, 0.5256 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(120, 143, 4) }
```

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

```
.border{ border-color:rgb(120, 143, 4) }
```

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

Here you see how a box with a 4 pixel rgb(120, 143, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 143, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 143, 4);  
box-shadow:4px 4px 4px 4px rgb(120, 143,  
4) }
```


Background

The CSS property to change the background color of an element to Yxy 23.6468, 0.3910, 0.5256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 143, 4) }
```

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

```
.background{ background-color: rgb(120,  
143, 4) }
```

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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