

Converting Colors

$Y_{xy}(14.7854, 0.3944, 0.5250)$

Have a look what the booklet for
Yxy(14.7854, 0.3944, 0.5250)
contains.

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Color

Yxy(14.8581, 0.3945, 0.5249)

Conversions

Conversions Part 1

Format	Color
Hex	627300
RGB	98, 115, 0
RGB Percent	38%, 45%, 0%
CMY	0.6157, 0.5490, 0.9997
CMYK	0.15, 0.00, 1.00, 0.55
HSL	69°, 100%, 23%
HSV	69°, 100%, 45%
XYZ	11.1669, 14.8581, 2.2815
YIQ	96.8070, 26.7830, -39.3690

Conversions

Conversions Part 2

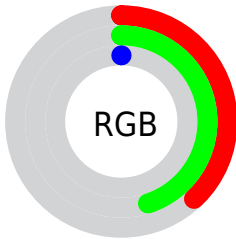
Format	Color
RYB	0, 115, 17
Decimal	6451968
CIELab	45.44, -19.94, 50.79
CIELCh	45, 54.564, 111.430
Yxy	14.8581, 0.3945, 0.5249
Android (android.graphics.Color)	4284642048 (0xFF627300)
YUV	96.8070, -47.7259, 1.0463
Hunter-Lab	38.5462, -15.7440, 23.4730

Details

The Yxy color **14.8581, 0.3945, 0.5249** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1.3598, 0.1585, 0.0648**, and the grayscale version is **12.0206, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.6606, 0.3834, 0.4808**, and **4.6186, 0.3731, 0.5420** is the 20% darker color. If you saturate the color by 10%, you get **14.8579, 0.3945, 0.5250**, and if you desaturate by 10%, it is **14.9799, 0.3934, 0.5162**.

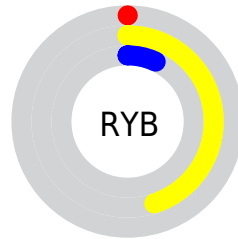
Distribution



Red (38%)

Green (45%)

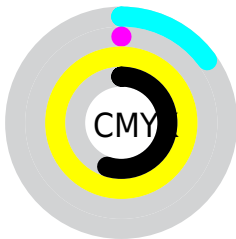
Blue (0%)



Red (0%)

Yellow (45%)

Blue (7%)

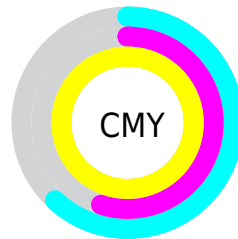


Cyan (15%)

Magenta (0%)

Yellow (100%)

Black (55%)



Cyan (62%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.8581, 0.3945, 0.5249 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 14.8581, 0.3945, 0.5249 by changing the saturation by 10% instead.

■ 14.8581, 0.3945,
0.5249

■ 14.8581, 0.3945,
0.5249

■ 222.5057, 0.3557,
0.4107

■ 8.7199, 0.3982,
0.5558

■ 34.6041, 0.3833,
0.4806

■ 4.5589, 0.3999,
0.6001

■ 48.9806, 0.3779,
0.4646

■ 1.9909, 0.3709,
0.6291

■ 66.8719, 0.3730,
0.4514

■ 0.6022, 0.1245,
0.8755

■ 88.6626, 0.3686,
0.4404


■ 0.0000, 0.0000,
0.0000


■ 114.7369, 0.3648,
0.4312


■ 145.4792, 0.3614,


0.4233


 181.2741, 0.3583,
0.4166


 14.8581, 0.3945,
0.5249


 14.8581, 0.3945,
0.5249


 14.8579, 0.3945,
0.5250

 14.9799, 0.3934,
0.5162

 15.1143, 0.3909,
0.5050

 15.2708, 0.3860,
0.4898

 15.4517, 0.3789,
0.4711

 15.6590, 0.3699,
0.4495

■ 15.8945, 0.3596,
0.4259

■ 16.1597, 0.3482,
0.4013

■ 16.4563, 0.3364,
0.3766

■ 16.7854, 0.3244,
0.3522

Harmonies

Analogous

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



14.8581, 0.4797, 0.4610



14.8581, 0.3945, 0.5249



14.8581, 0.2951, 0.5258

Triad

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



14.8581, 0.3945, 0.5249



14.8581, 0.1358, 0.2158



14.8581, 0.4127, 0.2489

Complementary

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



14.8581, 0.3945, 0.5249



1.3598, 0.1585, 0.0648

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.



14.8581, 0.2976, 0.2001



14.8581, 0.3945, 0.5249



14.8581, 0.1543, 0.1783

Square

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



14.8581, 0.3945, 0.5249



14.8581, 0.1508, 0.3005



14.8581, 0.2070, 0.1752



14.8581, 0.5041, 0.3133

Rectangle

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



14.8581, 0.3945, 0.5249



14.8581, 0.2324, 0.4692



14.8581, 0.2070, 0.1752



14.8581, 0.3740, 0.2304

Sweetspot

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



14.8588, 0.3945, 0.5249



28.8912, 0.3492, 0.4035



3.9986, 0.6227, 0.3436



6.8534, 0.3531, 0.4118



60.3827, 0.3127, 0.3290



7.3239, 0.3127, 0.3290

Same Dimension

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



14.8588, 0.3945, 0.5249



26.5589, 0.3938, 0.5255



12.7598, 0.3233, 0.5814



4.2401, 0.3234, 0.3501



16.9769, 0.3943, 0.5251



82.4388, 0.3929, 0.5262

Inverse Universe

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



1.3598, 0.1585, 0.0648



2.3903, 0.1569, 0.0638



2.6510, 0.2342, 0.1064



3.6135, 0.3016, 0.3073



1.5449, 0.1581, 0.0644



7.2893, 0.1550, 0.0628

Previews

White Background



This preview shows how the Yxy color 14.8581, 0.3945, 0.5249 looks on a white 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

Black Background



This preview shows how the Yxy color 14.8581, 0.3945, 0.5249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

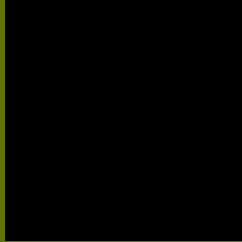
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.8581, 0.3945, 0.5249

Background



This preview shows how black text looks on a background with the Yxy color 14.8581, 0.3945, 0.5249.



This preview shows how white text looks on a background with the Yxy color 14.8581, 0.3945, 0.5249.

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

14.8581, 0.3945, 0.5249

Protanopia

14.7901, 0.4387, 0.4898

Deuteranopia

14.7875, 0.4619, 0.4544



Tritanopia

14.8790, 0.3027, 0.3124

Trichromacy



Original Color

14.8581, 0.3945, 0.5249

Protanomaly

14.8796, 0.4223, 0.5029

Deuteranomaly

14.6820, 0.4372, 0.4806

Tritanomaly

14.5760, 0.3515, 0.4103

Monochromacy



Original Color

14.8581, 0.3945, 0.5249

Achromatopsia

11.9538, 0.3127, 0.3290

Achromatomaly

12.7898, 0.3583, 0.4263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.8581, 0.3945, 0.5249 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(98, 115, 0)` looks like.

```
.text, #text, p{  
    color:rgb(98, 115, 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(98, 115, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 115, 0) }
```

Border

The CSS property to change the border of an element to Yxy 14.8581, 0.3945, 0.5249 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(98, 115, 0) }
```

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

```
.border{ border-color:rgb(98, 115, 0) }
```

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

Here you see how a box with a 4 pixel rgb(98, 115, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 115, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 115, 0);  
box-shadow:4px 4px 4px 4px rgb(98, 115, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.8581, 0.3945, 0.5249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 115, 0) }
```

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

```
.background{ background-color: rgb(98, 115,  
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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