

Converting Colors

$Y_{xy}(17.3275, 0.3585, 0.6415)$

Have a look what the booklet for
Yxy(17.3275, 0.3585, 0.6415)
contains.

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Color

Yxy(17.5267, 0.3345, 0.5726)

Conversions

Conversions Part 1

Format	Color
Hex	3E8400
RGB	62, 132, 0
RGB Percent	24%, 52%, 0%
CMY	0.7568, 0.4823, 0.9999
CMYK	0.53, 0.00, 1.00, 0.48
HSL	92°, 100%, 26%
HSV	92°, 100%, 52%
XYZ	10.2387, 17.5267, 2.8436
YIQ	96.0220, 0.6520, -55.8920

Conversions

Conversions Part 2

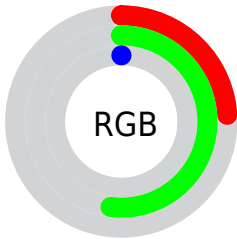
Format	Color
RYB	0, 132, 70
Decimal	4097024
CIELab	48.92, -41.91, 52.59
CIElCh	49, 67.244, 128.552
Yxy	17.5267, 0.3345, 0.5726
Android (android.graphics.Color)	4282287104 (0xFF3E8400)
YUV	96.0220, -47.3388, -29.8373
Hunter-Lab	41.8649, -29.6087, 25.2783

Details

The Yxy color **17.5267, 0.3345, 0.5726** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **2.9685, 0.2110, 0.0936**, and the grayscale version is **11.8218, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.3510, 0.3394, 0.5140**, and **5.8849, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **17.5271, 0.3345, 0.5726**, and if you desaturate by 10%, it is **17.7982, 0.3387, 0.5591**.

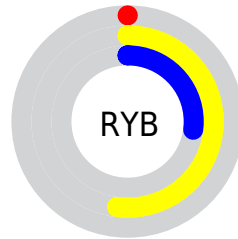
Distribution



Red (24%)

Green (52%)

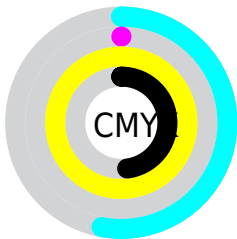
Blue (0%)



Red (0%)

Yellow (52%)

Blue (27%)

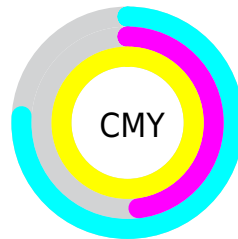


Cyan (53%)

Magenta (0%)

Yellow (100%)

Black (48%)



Cyan (76%)


Magenta (48%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.5267, 0.3345, 0.5726 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 17.5267, 0.3345, 0.5726 by changing the saturation by 10% instead.


 17.5267, 0.3345,
0.5726


 17.5267, 0.3345,
0.5726


238.1896, 0.3335,
0.4262


 10.6107, 0.3259,
0.6152


 39.2292, 0.3390,
0.5138


 5.8057, 0.3138,
0.6862

 54.7844, 0.3390,
0.4932

 2.7273, 0.2631,
0.7369

 73.9883, 0.3383,
0.4765

 0.9911, 0.0000,
1.0000


 97.2251, 0.3374,
0.4628


 0.0000, 0.0000,
0.0000


 124.8792, 0.3364,
0.4514


 157.3350, 0.3354,


0.4417


 194.9771, 0.3344,
0.4334

 17.5267, 0.3345,
0.5726


 17.5267, 0.3345,
0.5726


 17.5271, 0.3345,
0.5726

 17.7982, 0.3387,
0.5591

 18.1163, 0.3417,
0.5418

 18.4930, 0.3427,
0.5196

 18.9325, 0.3418,
0.4937

 19.4384, 0.3392,
0.4654

■ 20.0142, 0.3352,
0.4362

■ 20.6630, 0.3302,
0.4072

■ 21.3877, 0.3246,
0.3793

■ 22.1910, 0.3187,
0.3531

Harmonies

Analogous

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



17.5267, 0.4427, 0.5195



17.5267, 0.3345, 0.5726



17.5267, 0.2267, 0.5097

Triad

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



17.5267, 0.3345, 0.5726



17.5267, 0.1233, 0.1710



17.5267, 0.4972, 0.2759

Complementary

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



17.5267, 0.3345, 0.5726



2.9685, 0.2110, 0.0936

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.



17.5267, 0.3692, 0.2120



17.5267, 0.3345, 0.5726



17.5267, 0.1633, 0.1546

Square

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



17.5267, 0.3345, 0.5726



17.5267, 0.1174, 0.2306



17.5267, 0.2448, 0.1694



17.5267, 0.5571, 0.3497

Rectangle

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



17.5267, 0.3345, 0.5726



17.5267, 0.1697, 0.4070



17.5267, 0.2448, 0.1694



17.5267, 0.4588, 0.2530

Sweetspot

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



17.5275, 0.3345, 0.5726



36.3152, 0.3306, 0.4091



9.0651, 0.5319, 0.4158



8.3561, 0.3325, 0.4195



67.3860, 0.3127, 0.3290



9.4630, 0.3127, 0.3290

Same Dimension

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



17.5275, 0.3345, 0.5726



30.7859, 0.3330, 0.5738



16.5077, 0.2996, 0.5984



5.3040, 0.3182, 0.3510



16.9736, 0.3346, 0.5725



0.0631, 0.3689, 0.5453

Inverse Universe

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



2.9685, 0.2110, 0.0936



5.1381, 0.2089, 0.0924



6.5123, 0.3250, 0.1564



4.6570, 0.3068, 0.3071



2.8768, 0.2111, 0.0937



0.0143, 0.2584, 0.1197

Previews

White Background



This preview shows how the Yxy color 17.5267, 0.3345, 0.5726 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 17.5267, 0.3345, 0.5726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

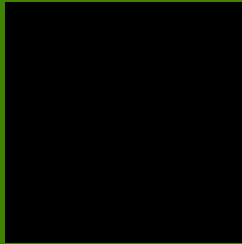
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.5267, 0.3345, 0.5726

Background



This preview shows how black text looks on a background with the Yxy color 17.5267, 0.3345, 0.5726.



This preview shows how white text looks on a background with the Yxy color 17.5267, 0.3345, 0.5726.

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

17.5267, 0.3345, 0.5726

Protanopia

17.3161, 0.4403, 0.4886

Deuteranopia

17.3420, 0.4588, 0.4513



Tritanopia

17.6087, 0.2575, 0.3082

Trichromacy



Original Color

17.5267, 0.3345, 0.5726

Protanomaly

16.9832, 0.3972, 0.5228

Deuteranomaly

16.6422, 0.4097, 0.4995

Tritanomaly

17.0334, 0.2965, 0.4236

Monochromacy



Original Color

17.5267, 0.3345, 0.5726

Achromatopsia

11.6971, 0.3127, 0.3290

Achromatomaly

13.1590, 0.3372, 0.4452

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.5267, 0.3345, 0.5726 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(62, 132, 0)` looks like.

```
.text, #text, p{  
    color:rgb(62, 132, 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(62, 132, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 132, 0) }
```

Border

The CSS property to change the border of an element to Yxy 17.5267, 0.3345, 0.5726 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(62, 132, 0) }
```

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

```
.border{ border-color:rgb(62, 132, 0) }
```

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

Here you see how a box with a 4 pixel rgb(62, 132, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 132, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 132, 0);  
box-shadow:4px 4px 4px 4px rgb(62, 132, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 17.5267, 0.3345, 0.5726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 132, 0) }
```

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

```
.background{ background-color: rgb(62, 132,  
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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