

Converting Colors

$Y_{xy}(17.1204, 0.3602, 0.5522)$

Have a look what the booklet for
Yxy(17.1204, 0.3602, 0.5522)
contains.

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Color

Yxy(17.2322, 0.3593, 0.5529)

Conversions

Conversions Part 1

Format	Color
Hex	528000
RGB	82, 128, 0
RGB Percent	32%, 50%, 0%
CMY	0.6785, 0.4980, 0.9999
CMYK	0.36, 0.00, 1.00, 0.50
HSL	82°, 100%, 25%
HSV	82°, 100%, 50%
XYZ	11.1983, 17.2322, 2.7365
YIQ	99.6540, 13.6720, -49.5600

Conversions

Conversions Part 2

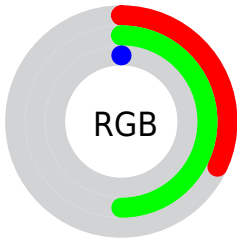
Format	Color
RYB	0, 128, 46
Decimal	5406720
CIELab	48.55, -33.12, 52.71
CIELCh	49, 62.254, 122.143
Yxy	17.2322, 0.3593, 0.5529
Android (android.graphics.Color)	4283596800 (0xFF528000)
YUV	99.6540, -49.1294, -15.4826
Hunter-Lab	41.5117, -24.4929, 25.1498

Details

The Yxy color **17.2322, 0.3593, 0.5529** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **2.1410, 0.1812, 0.0772**, and the grayscale version is **12.7766, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.6636, 0.3574, 0.5002**, and **5.6957, 0.3259, 0.5794** is the 20% darker color. If you saturate the color by 10%, you get **17.2325, 0.3593, 0.5529**, and if you desaturate by 10%, it is **17.4748, 0.3618, 0.5412**.

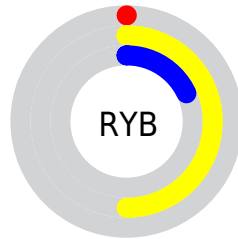
Distribution



Red (32%)

Green (50%)

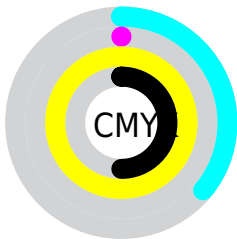
Blue (0%)



Red (0%)

Yellow (50%)

Blue (18%)

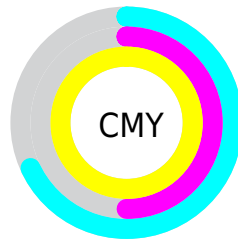


Cyan (36%)

Magenta (0%)

Yellow (100%)

Black (50%)



Cyan (68%)


Magenta (50%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.2322, 0.3593, 0.5529 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 17.2322, 0.3593, 0.5529 by changing the saturation by 10% instead.


 17.2322, 0.3593,
0.5529


 17.2322, 0.3593,
0.5529


236.5069, 0.3430,
0.4206


 10.4002, 0.3556,
0.5899


 38.7246, 0.3575,
0.5006


 5.6651, 0.3501,
0.6499

 54.1537, 0.3553,
0.4821


 2.6425, 0.3089,
0.6911

 73.2174, 0.3530,
0.4669

 0.9481, 0.0878,
0.9122

 96.2999, 0.3507,
0.4544


 0.0000, 0.0000,
0.0000

 123.7858, 0.3485,
0.4439


 156.0593, 0.3465,


0.4349

 193.5049, 0.3447,
0.4272


 17.2322, 0.3593,
0.5529


 17.2322, 0.3593,
0.5529


 17.2325, 0.3593,
0.5529

 17.4748, 0.3618,
0.5412

 17.7465, 0.3629,
0.5263

 18.0580, 0.3616,
0.5070

 18.4127, 0.3582,
0.4842

 18.8134, 0.3529,
0.4588

■ 19.2626, 0.3461,
0.4320

■ 19.7627, 0.3383,
0.4049

■ 20.3159, 0.3300,
0.3783

■ 20.9240, 0.3213,
0.3528

Harmonies

Analogous

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



17.2322, 0.4588, 0.4950



17.2322, 0.3593, 0.5529



17.2322, 0.2543, 0.5183

Triad

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



17.2322, 0.3593, 0.5529



17.2322, 0.1283, 0.1881



17.2322, 0.4627, 0.2657

Complementary

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



17.2322, 0.3593, 0.5529



2.1410, 0.1812, 0.0772

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.



17.2322, 0.3390, 0.2075



17.2322, 0.3593, 0.5529



17.2322, 0.1598, 0.1639

Square

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



17.2322, 0.3593, 0.5529



17.2322, 0.1303, 0.2574



17.2322, 0.2290, 0.1719



17.2322, 0.5373, 0.3359

Rectangle

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



17.2322, 0.3593, 0.5529



17.2322, 0.1944, 0.4337



17.2322, 0.2290, 0.1719



17.2322, 0.4236, 0.2444

Sweetspot

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



17.2330, 0.3593, 0.5529



34.7271, 0.3389, 0.4068



6.4526, 0.5780, 0.3792



8.0555, 0.3418, 0.4164



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

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



17.2330, 0.3593, 0.5529



30.2552, 0.3580, 0.5539



15.5803, 0.3055, 0.5956



4.9445, 0.3205, 0.3507



17.0867, 0.3593, 0.5529



0.0000, 0.0000, 0.0000

Inverse Universe

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



2.1410, 0.1812, 0.0772



3.6921, 0.1790, 0.0760



4.7982, 0.2844, 0.1341



4.2811, 0.3044, 0.3071



2.1226, 0.1812, 0.0772



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 17.2322, 0.3593, 0.5529 looks on a white background.

Color Contrast Check

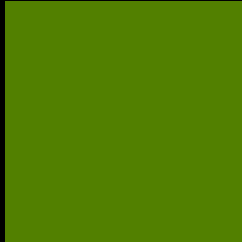
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.2322, 0.3593, 0.5529 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 17.2322, 0.3593, 0.5529

Background



This preview shows how black text looks on a background with the Yxy color 17.2322, 0.3593, 0.5529.



This preview shows how white text looks on a background with the Yxy color 17.2322, 0.3593, 0.5529.

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

17.2322, 0.3593, 0.5529

Protanopia

17.0073, 0.4405, 0.4885

Deuteranopia

17.0272, 0.4602, 0.4523



Tritanopia

17.1851, 0.2749, 0.3106

Trichromacy



Original Color

17.2322, 0.3593, 0.5529

Protanomaly

16.9437, 0.4096, 0.5130

Deuteranomaly

16.6658, 0.4227, 0.4904

Tritanomaly

16.6868, 0.3190, 0.4205

Monochromacy



Original Color

17.2322, 0.3593, 0.5529

Achromatopsia

12.7438, 0.3127, 0.3290

Achromatomaly

13.8492, 0.3463, 0.4354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.2322, 0.3593, 0.5529 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(82, 128, 0)` looks like.

```
.text, #text, p{  
    color:rgb(82, 128, 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(82, 128, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 128, 0) }
```

Border

The CSS property to change the border of an element to Yxy 17.2322, 0.3593, 0.5529 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(82, 128, 0) }
```

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

```
.border{ border-color:rgb(82, 128, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 128, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 128, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 128, 0);  
box-shadow:4px 4px 4px 4px rgb(82, 128, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 17.2322, 0.3593, 0.5529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 128, 0) }
```

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

```
.background{ background-color: rgb(82, 128,  
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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