

Converting Colors

$Y_{xy}(14.7338, 0.3256, 0.5600)$

Have a look what the booklet for
Yxy(14.7338, 0.3256, 0.5600)
contains.

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Color

Yxy(14.7230, 0.3252, 0.5603)

Conversions

Conversions Part 1

Format	Color
Hex	357A13
RGB	53, 122, 19
RGB Percent	21%, 48%, 7%
CMY	0.7922, 0.5216, 0.9254
CMYK	0.57, 0.00, 0.84, 0.52
HSL	100°, 73%, 28%
HSV	100°, 84%, 48%
XYZ	8.5453, 14.7230, 3.0087
YIQ	89.6270, -8.0610, -46.6610

Conversions

Conversions Part 2

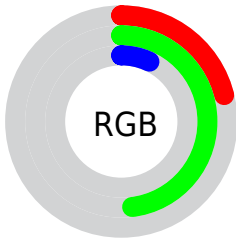
Format	Color
R_{YB}	19, 122, 88
Decimal	3504659
CIE _{Lab}	45.25, -40.03, 45.14
CIE _{LCh}	45, 60.333, 131.563
Yxy	14.7230, 0.3252, 0.5603
Android (android.graphics.Color)	4281694739 (0xFF357A13)
YUV	89.6270, -34.8191, -32.1219
Hunter-Lab	38.3706, -27.3958, 22.2103

Details

The Yxy color **14.7230, 0.3252, 0.5603** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **3.9486, 0.2550, 0.1295**, and the grayscale version is **10.2179, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.3160, 0.3309, 0.5005**, and **4.6347, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **14.4885, 0.3212, 0.5766**, and if you desaturate by 10%, it is **15.0174, 0.3279, 0.5384**.

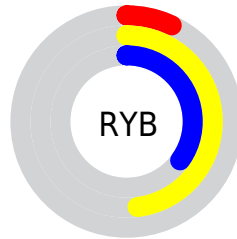
Distribution



Red (21%)

Green (48%)

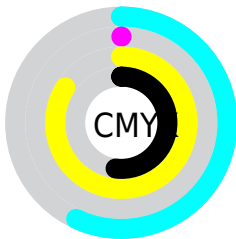
Blue (7%)



Red (7%)

Yellow (48%)

Blue (35%)

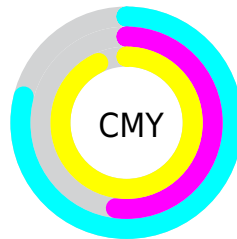


Cyan (57%)

Magenta (0%)

Yellow (84%)

Black (52%)



Cyan (79%)


Magenta (52%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.7230, 0.3252, 0.5603 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 14.7230, 0.3252, 0.5603 by changing the saturation by 10% instead.


 14.7230, 0.3252,
0.5603


 14.7230, 0.3252,
0.5603


221.6834, 0.3273,
0.4164


 8.6252, 0.3164,
0.6063


 34.3665, 0.3303,
0.5001


 4.4975, 0.3066,
0.6934

 48.6810, 0.3306,
0.4799


 1.9556, 0.2430,
0.7570

 66.5032, 0.3303,
0.4638

 0.5815, 0.0000,
1.0000


 88.2175, 0.3298,
0.4507

 0.0000, 0.0000,
0.0000

 114.2083, 0.3292,
0.4399


 144.8599, 0.3286,

0.4308


 180.5568, 0.3279,
0.4231


 14.7230, 0.3252,
0.5603


 14.7230, 0.3252,
0.5603

 14.4885, 0.3212,
0.5766

 15.0174, 0.3279,
0.5384

 14.3757, 0.3191,
0.5848

 15.3753, 0.3291,
0.5120

 15.8013, 0.3288,
0.4825

 16.2993, 0.3273,
0.4518

 16.8726, 0.3249,
0.4213

■ 17.5244, 0.3218,
0.3919

■ 18.2577, 0.3182,
0.3645

■ 19.0754, 0.3144,
0.3393

■ 19.9802, 0.3106,
0.3166

Harmonies

Analogous

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



14.7230, 0.4304, 0.5212



14.7230, 0.3252, 0.5603



14.7230, 0.2222, 0.4865

Triad

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



14.7230, 0.3252, 0.5603



14.7230, 0.1320, 0.1739



14.7230, 0.4981, 0.2858

Complementary

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



14.7230, 0.3252, 0.5603



3.9486, 0.2550, 0.1295

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.



14.7230, 0.3801, 0.2220



14.7230, 0.3252, 0.5603



14.7230, 0.1748, 0.1608

Square

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



14.7230, 0.3252, 0.5603



14.7230, 0.1232, 0.2274



14.7230, 0.2584, 0.1780



14.7230, 0.5476, 0.3588

Rectangle

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



14.7230, 0.3252, 0.5603



14.7230, 0.1694, 0.3880



14.7230, 0.2584, 0.1780



14.7230, 0.4636, 0.2631

Sweetspot

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



14.7236, 0.3252, 0.5603



30.6839, 0.3222, 0.3954



11.1118, 0.4667, 0.4468



6.9402, 0.3231, 0.4035



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



14.7236, 0.3252, 0.5603



25.2218, 0.3176, 0.5860



14.1871, 0.2931, 0.5507



4.5082, 0.3162, 0.3508



15.1304, 0.3190, 0.5849



71.7550, 0.3156, 0.5876

Inverse Universe

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



3.9486, 0.2550, 0.1295



5.5334, 0.2401, 0.1096



5.6212, 0.3570, 0.1858



4.0144, 0.3089, 0.3076



3.3521, 0.2417, 0.1105



15.5121, 0.2377, 0.1083

Previews

White Background



This preview shows how the Yxy color 14.7230, 0.3252, 0.5603 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 14.7230, 0.3252, 0.5603 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 14.7230, 0.3252, 0.5603

Background



This preview shows how black text looks on a background with the Yxy color 14.7230, 0.3252, 0.5603.



This preview shows how white text looks on a background with the Yxy color 14.7230, 0.3252, 0.5603.

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

14.7230, 0.3252, 0.5603

Protanopia

14.5429, 0.4334, 0.4815

Deuteranopia

14.4746, 0.4530, 0.4451



Tritanopia

14.8043, 0.2542, 0.3087

Trichromacy



Original Color

14.7230, 0.3252, 0.5603

Protanomaly

14.1125, 0.3899, 0.5137

Deuteranomaly

14.0197, 0.4011, 0.4894

Tritanomaly

14.4684, 0.2854, 0.4083

Monochromacy



Original Color

14.7230, 0.3252, 0.5603

Achromatopsia

10.2242, 0.3127, 0.3290

Achromatomaly

11.4507, 0.3262, 0.4275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.7230, 0.3252, 0.5603 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(53, 122, 19)` looks like.

```
.text, #text, p{  
    color:rgb(53, 122, 19)  
}
```

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(53, 122, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 122, 19) }
```

Border

The CSS property to change the border of an element to Yxy 14.7230, 0.3252, 0.5603 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(53, 122, 19) }
```

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

```
.border{ border-color:rgb(53, 122, 19) }
```

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

Here you see how a box with a 4 pixel rgb(53, 122, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 122, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 122, 19);  
box-shadow:4px 4px 4px 4px rgb(53, 122,  
19) }
```


Background

The CSS property to change the background color of an element to Yxy 14.7230, 0.3252, 0.5603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 122, 19) }
```

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

```
.background{ background-color: rgb(53, 122,  
19) }
```

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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