

Converting Colors

YUV(115.5010, -53.9840,
-45.1664)

Have a look what the booklet for
YUV(115.5010, -53.9840, -45.1664)
contains.

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Color

**YUV(115.5010, -53.9840,
-45.1664)**

Conversions

Conversions Part 1

Format	Color
Hex	40A306
RGB	64, 163, 6
RGB Percent	25%, 64%, 2%
CMY	0.7490, 0.3608, 0.9765
CMYK	0.61, 0.00, 0.96, 0.36
HSL	98°, 93%, 33%
HSV	98°, 96%, 64%
XYZ	15.2444, 27.2975, 4.6378
YIQ	115.5010, -8.6070, -69.8150

Conversions

Conversions Part 2

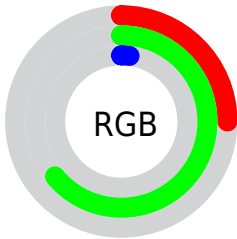
Format	Color
R _{YB}	6, 163, 105
Decimal	4236038
CIE Lab	59.25, -52.69, 59.89
CIE LCh	59, 79.768, 131.338
Yxy	27.2975, 0.3231, 0.5786
Android (android.graphics.Color)	4282426118 (0xFF40A306)
YUV	115.5010, -53.9840, -45.1664
Hunter-Lab	52.2470, -39.3503, 31.3100

Details

The YUV color **115.5010, -53.9840, -45.1664** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **53.4990, 53.9840, 45.1664**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.1790, -48.8952, -44.0070**, and **64.5700, -31.8330, -56.6279** is the 20% darker color. If you saturate the color by 10%, you get **113.6210, -56.0152, -47.0256**, and if you desaturate by 10%, it is **120.3150, -48.4693, -40.6183**.

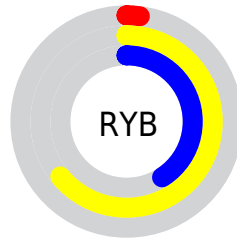
Distribution



Red (25%)

Green (64%)

Blue (2%)



Red (2%)

Yellow (64%)

Blue (41%)

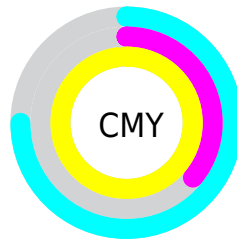


Cyan (61%)

Magenta (0%)

Yellow (96%)

Black (36%)



Cyan (75%)

Magenta (36%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.5010, -53.9840, -45.1664 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 YUV color 115.5010, -53.9840, -45.1664 by changing the saturation by 10% instead.

■ 115.5010,
-53.9840, -45.1664

■ 115.5010,
-53.9840, -45.1664

■ 255.0000, 0.0000,
0.0000

■ 87.9050, -43.3372,
-53.4137

■ 174.1790,
-48.8952, -44.0070

■ 64.5700, -31.8330,
-56.6279

■ 202.9510,
-49.7688, -43.8070

■ 49.8950, -24.5982,
-43.7579

■ 218.9230,
-43.8390, -32.3815

■ 35.2200, -17.3635,
-30.8879

■ 230.9710,
-36.4677, -16.6376

■ 22.3060, -10.9969,
-19.5624

■ 243.2470,
-28.2228, -1.0936

■ 0.0000, 0.0000,
0.0000

■ 250.3260,

-17.9087, 4.0991

■ 253.7460, -4.8048,
1.0998

■ 115.5010,
-53.9840, -45.1664

■ 115.5010,
-53.9840, -45.1664

■ 113.6210,
-56.0152, -47.0256

■ 120.3150,
-48.4693, -40.6183

■ 125.5420,
-42.6652, -35.5553

■ 130.3560,
-37.1505, -31.0072

■ 135.1700,
-31.6358, -26.4591

■ 140.0980,
-25.6843, -22.0109

■ 145.2110,
-20.3170, -16.8480

■ 150.0250,
-14.8023, -12.2999

■ 154.8390, -9.2876,
-7.7518

■ 160.0660, -3.4835,
-2.6889

Harmonies

Analogous

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



131.1280, -64.6461, 14.7967



115.5010, -53.9840, -45.1664



111.2070, -7.9901, -97.5285

Triad

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



115.5010, -53.9840, -45.1664



124.7510, 64.2128, -109.4066



122.6830, -1.8157, 116.0420

Complementary

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



115.5010, -53.9840, -45.1664



53.4990, 53.9840, 45.1664

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.



135.5920, 26.3301, 95.0738



115.5010, -53.9840, -45.1664



113.0110, 70.0006, -99.1106

Square

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



115.5010, -53.9840, -45.1664



127.6400, 52.4355, -111.9403



145.8790, 50.8387, 27.2931



132.0350, -39.4573, 102.5783

Rectangle

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



115.5010, -53.9840, -45.1664



117.9670, 12.8343, -103.4571



145.8790, 50.8387, 27.2931



124.8320, 8.9568, 114.1573

Sweetspot

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



115.5010, -53.9840, -45.1664



193.2710, -21.3326, -17.7777



109.8820, -51.2138, 46.5845



95.6060, -12.6238, -11.0555



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



115.5010, -53.9840, -45.1664



147.7660, -72.8486, -61.1848



100.2110, -37.5720, -82.6230



79.1800, -3.0467, -2.7889



101.2610, -49.9217, -41.4479



12.6590, -6.2409, -4.9629

Inverse Universe

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



53.4990, 53.9840, 45.1664



63.9350, 72.9960, 60.5700



68.7890, 37.5720, 82.6230



75.8200, 3.0467, 2.7889



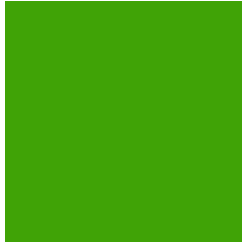
44.0380, 49.7743, 42.0627



5.3410, 6.2409, 4.9629

Previews

White Background



This preview shows how the YUV color 115.5010, -53.9840, -45.1664 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 YUV color 115.5010, -53.9840, -45.1664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

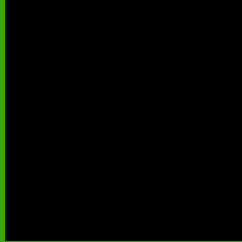
Any Text WCAG AA ✓ Pass

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](#).

YUV 115.5010, -53.9840, -45.1664 Background



This preview shows how black text looks on a background with the YUV color 115.5010, -53.9840, -45.1664.



This preview shows how white text looks on a background with the YUV color 115.5010, -53.9840, -45.1664.

-45.1664.

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

115.5010, -53.9840, -45.1664

Protanopia

131.1940, -64.6786, 25.2629

Deuteranopia

135.8700, -49.7289, 36.9480



Tritanopia

135.1290, 14.2334, -38.7011

Trichromacy



Original Color

115.5010, -53.9840, -45.1664

Protanomaly

125.6530, -60.9609, -0.5727

Deuteranomaly

128.8140, -51.6733, 7.1791

Tritanomaly

127.9890, -10.3476, -41.2094

Monochromacy



Original Color

115.5010, -53.9840, -45.1664

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.7380, -19.5908, -16.4332

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.5010, -53.9840, -45.1664 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(64, 163, 6)` looks like.

```
.text, #text, p{  
    color:rgb(64, 163, 6)  
}
```

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(64, 163, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 163, 6) }
```

Border

The CSS property to change the border of an element to YUV 115.5010, -53.9840, -45.1664 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(64, 163, 6) }
```


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

```
.border{ border-color:rgb(64, 163, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 163, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 163, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 163, 6);  
box-shadow:4px 4px 4px 4px rgb(64, 163, 6)  
}
```

Background

The CSS property to change the background color of an element to YUV 115.5010, -53.9840, -45.1664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 163, 6) }
```

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

```
.background{ background-color: rgb(64, 163,  
6) }
```

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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