

Converting Colors

YUV(115.6610, -26.4549,
-54.9537)

Have a look what the booklet for
YUV(115.6610, -26.4549, -54.9537)
contains.

YUV(115.6610, -26.4549, -54.9537)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(115.6610, -26.4549,
-54.9537)**

Conversions

Conversions Part 1

Format	Color
Hex	359E3E
RGB	53, 158, 62
RGB Percent	21%, 62%, 24%
CMY	0.7922, 0.3804, 0.7569
CMYK	0.66, 0.00, 0.61, 0.38
HSL	125°, 50%, 41%
HSV	125°, 66%, 62%
XYZ	14.5646, 25.5584, 8.7231
YIQ	115.6610, -31.7640, -52.1160

Conversions

Conversions Part 2

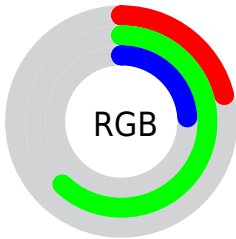
Format	Color
RYB	53, 150, 158
Decimal	3513918
CIELab	57.62, -49.75, 40.70
CIElCh	58, 64.278, 140.709
Yxy	25.5584, 0.2982, 0.5232
Android (android.graphics.Color)	4281703998 (0xFF359E3E)
YUV	115.6610, -26.4549, -54.9537
Hunter-Lab	50.5553, -37.0475, 25.1585

Details

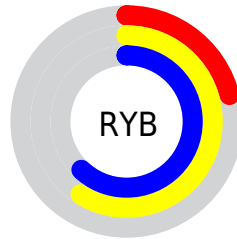
The YUV color **115.6610, -26.4549, -54.9537** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **95.3390, 26.4549, 54.9537**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.2870, -29.2285, -51.9947**, and **62.5470, -26.8917, -54.8537** is the 20% darker color. If you saturate the color by 10%, you get **109.2810, -30.2115, -63.3904**, and if you desaturate by 10%, it is **122.0410, -22.6982, -46.5170**.

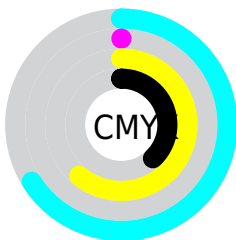
Distribution



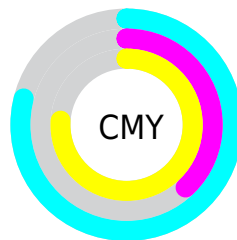
- Red (21%)
- Green (62%)
- Blue (24%)



- Red (21%)
- Yellow (59%)
- Blue (62%)



- Cyan (66%)
- Magenta (0%)
- Yellow (61%)
- Black (38%)



- Cyan (79%)
- Magenta (38%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.6610, -26.4549, -54.9537 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 115.6610, -26.4549, -54.9537 by changing the saturation by 10% instead.

■ 115.6610,
-26.4549, -54.9537

■ 115.6610,
-26.4549, -54.9537

■ 255.0000, 0.0000,
0.0000

■ 83.8060, -23.0754,
-65.6049

■ 172.2870,
-29.2285, -51.9947

■ 62.5470, -26.8917,
-54.8537

■ 200.0590,
-30.1021, -51.7947

■ 46.9600, -23.1513,
-41.1839

■ 219.4390,
-26.3454, -43.3580

■ 32.8720, -16.2059,
-28.8287

■ 231.3020,
-18.3899, -28.3289

■ 19.9580, -9.8393,
-17.5032

■ 243.1650,
-10.4343, -13.2997

■ 0.0000, 0.0000,
0.0000

■ 254.5440, -1.7472,

0.3999

■ 115.6610,
-26.4549, -54.9537

■ 115.6610,
-26.4549, -54.9537

■ 109.2810,
-30.2115, -63.3904

■ 122.0410,
-22.6982, -46.5170

■ 102.7870,
-34.4050, -71.7272

■ 128.5350,
-18.5048, -38.1802

■ 96.7060, -38.3091,
-79.5492

■ 134.6160,
-14.6007, -30.3582

■ 94.3420, -39.6086,
-82.7379

■ 141.1100,
-10.4072, -22.0215

■ 147.4900, -6.6506,
-13.5847

■ 153.9840, -2.4571,
-5.2480

■ 160.3640, 1.2995,
3.1888

■ 166.5590, 5.6404,
10.9108

■ 172.9390, 9.3971,
19.3475

Harmonies

Analogous

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



125.1310, -59.2246, 2.5161



115.6610, -26.4549, -54.9537



109.1330, 4.3714, -95.7096

Triad

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



115.6610, -26.4549, -54.9537



116.5500, 65.7908, -102.2143



132.0980, -14.8383, 92.8761

Complementary

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



115.6610, -26.4549, -54.9537



95.3390, 26.4549, 54.9537

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.



135.5030, 11.0910, 82.8739



115.6610, -26.4549, -54.9537



135.2110, 53.6330, -29.1260

Square

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



115.6610, -26.4549, -54.9537



120.1570, 51.6876, -105.3777



142.0860, 33.4816, 41.1436



133.5170, -40.6809, 74.9686

Rectangle

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



115.6610, -26.4549, -54.9537



114.2800, 21.5540, -100.2236



142.0860, 33.4816, 41.1436



132.8020, -5.8184, 93.1356

Sweetspot

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



115.6610, -26.4549, -54.9537



190.1100, -10.4072, -22.0215



143.3390, -44.5371, 4.9647



94.6040, -6.2138, -13.6847



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



115.6610, -26.4549, -54.9537



140.0380, -41.9237, -86.8563



121.5890, -3.7414, -60.1526



75.8100, -1.8783, -4.2184



85.3090, -36.1413, -74.8160



8.9190, -3.9041, -7.8220

Inverse Universe

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



95.3390, 26.4549, 54.9537



107.8480, 41.4869, 86.9563



89.4110, 3.7414, 60.1526



74.1900, 1.8783, 4.2184



57.6910, 36.1413, 74.8160



6.0810, 3.9041, 7.8220

Previews

White Background



This preview shows how the YUV color 115.6610, -26.4549, -54.9537 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 115.6610, -26.4549, -54.9537 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 115.6610, -26.4549, -54.9537 Background



This preview shows how black text looks on a background with the YUV color 115.6610, -26.4549, -54.9537.



This preview shows how white text looks on a background with the YUV color 115.6610, -26.4549, -54.9537.

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

115.6610, -26.4549, -54.9537

Protanopia

133.1370, -38.0285, 17.4199

Deuteranopia

135.4080, -32.2461, 29.4602



Tritanopia

129.0360, 15.2653, -43.0046

Trichromacy



Original Color

115.6610, -26.4549, -54.9537



Protanomaly

126.7100, -33.8740, -8.5157



Deuteranomaly

128.3780, -30.2594, -1.2085



Tritanomaly

124.2900, -0.1430, -47.6123

Monochromacy



Original Color

115.6610, -26.4549, -54.9537



Achromatopsia

116.0000, 0.0000, 0.0000



Achromatomaly

115.6480, -9.6865, -19.8623

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.6610, -26.4549, -54.9537 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, 158, 62)` looks like.

```
.text, #text, p{  
    color:rgb(53, 158, 62)  
}
```

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, 158, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 158, 62) }
```

Border

The CSS property to change the border of an element to YUV 115.6610, -26.4549, -54.9537 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, 158, 62) }
```


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

```
.border{ border-color:rgb(53, 158, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 158, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 158, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 158, 62);  
box-shadow:4px 4px 4px 4px rgb(53, 158,  
62) }
```

Background

The CSS property to change the background color of an element to YUV 115.6610, -26.4549, -54.9537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 158, 62) }
```

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

```
.background{ background-color: rgb(53, 158,  
62) }
```

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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