

Converting Colors

YUV(145.6690, -58.5038,
4.6753)

Have a look what the booklet for
YUV(145.6690, -58.5038, 4.6753)
contains.

YUV(145.6690, -58.5038, 4.6753)	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(145.6690, -58.5038,
4.6753)**

Conversions

Conversions Part 1

Format	Color
Hex	97A61B
RGB	151, 166, 27
RGB Percent	59%, 65%, 11%
CMY	0.4078, 0.3490, 0.8941
CMYK	0.09, 0.00, 0.84, 0.35
HSL	66°, 72%, 38%
HSV	66°, 84%, 65%
XYZ	26.5965, 33.9309, 6.1844
YIQ	145.6690, 35.6790, -46.4090

Conversions

Conversions Part 2

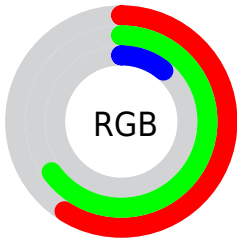
Format	Color
R_{YB}	27, 166, 42
Decimal	9938459
CIE _{Lab}	64.91, -21.70, 62.62
CIE _{LCh}	65, 66.271, 109.115
Yxy	33.9309, 0.3987, 0.5086
Android (android.graphics.Color)	4288128539 (0xFF97A61B)
YUV	145.6690, -58.5038, 4.6753
Hunter-Lab	58.2502, -20.4363, 34.4803

Details

The YUV color **145.6690, -58.5038, 4.6753** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **47.3310, 58.5038, -4.6753**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.8370, -56.6146, 5.4050**, and **95.6220, -47.1416, 0.3315** is the 20% darker color. If you saturate the color by 10%, you get **143.1330, -65.6346, 5.1454**, and if you desaturate by 10%, it is **148.2050, -51.3731, 4.2052**.

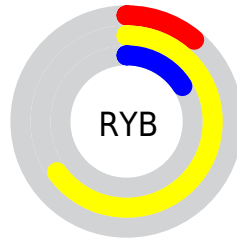
Distribution



Red (59%)

Green (65%)

Blue (11%)



Red (11%)

Yellow (65%)

Blue (16%)

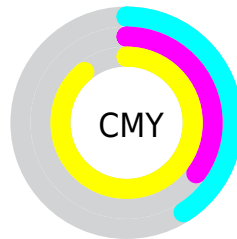


Cyan (9%)

Magenta (0%)

Yellow (84%)

Black (35%)



Cyan (41%)

Magenta (35%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.6690, -58.5038, 4.6753 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 145.6690, -58.5038, 4.6753 by changing the saturation by 10% instead.

■ 145.6690,
-58.5038, 4.6753

■ 145.6690,
-58.5038, 4.6753

■ 255.0000, 0.0000,
0.0000

■ 118.9570,
-58.6458, 3.5457

■ 201.8370,
-56.6146, 5.4050

■ 95.6220, -47.1416,
0.3315

■ 230.3210,
-57.3463, 6.7345

■ 73.7600, -36.3637,
-3.2975

■ 242.0040,
-49.7950, 11.3975

■ 51.5990, -25.4383,
-7.5413

■ 245.1960,
-37.5646, 8.5981

■ 30.6120, -15.0917,
-12.8147

■ 248.5020,
-24.8975, 5.6987

■ 15.2620, -7.5242,
-13.3848

■ 251.8080,

■ 0.0000, 0.0000,

-12.2303, 2.7994

0.0000

■ 145.6690,
-58.5038, 4.6753

■ 145.6690,
-58.5038, 4.6753

■ 143.1330,
-65.6346, 5.1454

■ 148.2050,
-51.3731, 4.2052

■ 141.6940,
-69.8551, 5.5304

■ 150.6270,
-44.6791, 3.8351

■ 152.8640,
-37.4010, 2.7503

■ 155.2860,
-30.7070, 2.3802

■ 157.8220,
-23.5762, 1.9101

■ 160.3580,
-16.4455, 1.4400

■ 162.7800, -9.7515,
1.0699

■ 165.0170, -2.4734,
-0.0149

■ 167.4390, 4.2206,
-0.3850

Harmonies

Analogous

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



150.5480, -61.4022, 47.7544



145.6690, -58.5038, 4.6753



136.0590, -30.1021, -51.7947

Triad

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



145.6690, -58.5038, 4.6753



134.8780, 54.7831, -118.2880



156.2690, 12.6854, 84.8331

Complementary

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



145.6690, -58.5038, 4.6753



47.3310, 58.5038, -4.6753

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.



162.1720, 36.3972, 39.3142



145.6690, -58.5038, 4.6753



129.4470, 61.8976, -113.5250

Square

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



145.6690, -58.5038, 4.6753



130.8250, 31.6383, -114.7335



152.0920, 50.7336, -32.5297



150.0270, -13.8173, 92.0613

Rectangle

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



145.6690, -58.5038, 4.6753



120.3030, -3.6004, -105.5057



152.0920, 50.7336, -32.5297



158.6680, 20.8697, 73.0822

Sweetspot

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



145.6690, -58.5038, 4.6753



209.0500, -22.7026, 1.7102



76.7790, -24.5410, 78.2468



105.0420, -13.8247, 0.8402



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



145.6690, -58.5038, 4.6753



185.0860, -91.2474, 6.9406



125.3370, -48.4801, -37.1295



82.7890, -3.3470, 0.1850



126.3440, -62.2876, 4.9603



17.1220, -8.4411, 0.7700

Inverse Universe

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



47.3310, 58.5038, -4.6753



31.6150, 91.3948, -7.5554



67.6630, 48.4801, 37.1295



77.2110, 3.3470, -0.1850



21.6560, 62.2876, -4.9603



2.8780, 8.4411, -0.7700

Previews

White Background



This preview shows how the YUV color 145.6690, -58.5038, 4.6753 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 145.6690, -58.5038, 4.6753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

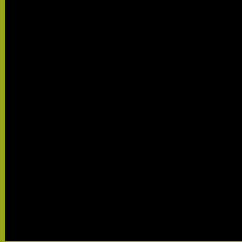
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 145.6690, -58.5038, 4.6753

Background



This preview shows how black text looks on a background with the YUV color 145.6690, -58.5038, 4.6753.



This preview shows how white text looks on a background with the YUV color 145.6690, -58.5038, 4.6753.

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

145.6690, -58.5038, 4.6753

Protanopia

148.5190, -60.8949, 24.9778

Deuteranopia

150.8830, -56.1443, 41.3216



Tritanopia

158.1730, 4.3517, 4.2333

Trichromacy



Original Color

145.6690, -58.5038, 4.6753

Protanomaly

147.7030, -59.9996, 17.8005

Deuteranomaly

148.8660, -57.1219, 28.1815

Tritanomaly

153.5110, -18.4929, 4.8139

Monochromacy



Original Color

145.6690, -58.5038, 4.6753

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

145.8050, -21.1029, 1.9250

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.6690, -58.5038, 4.6753 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(151, 166, 27)` looks like.

```
.text, #text, p{  
    color:rgb(151, 166, 27)  
}
```

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(151, 166, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 166, 27) }
```

Border

The CSS property to change the border of an element to YUV 145.6690, -58.5038, 4.6753 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(151, 166, 27) }
```


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

```
.border{ border-color:rgb(151, 166, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 166, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 166, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 166, 27);  
box-shadow:4px 4px 4px 4px rgb(151, 166,  
27) }
```

Background

The CSS property to change the background color of an element to YUV 145.6690, -58.5038, 4.6753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 166, 27) }
```

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

```
.background{ background-color: rgb(151,  
166, 27) }
```

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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