

Converting Colors

YUV(109.7660, -28.9716,
-41.0138)

Have a look what the booklet for
YUV(109.7660, -28.9716, -41.0138)
contains.

YUV(109.7660, -28.9716, -41.0138)	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(109.7660, -28.9716,
-41.0138)**

Conversions

Conversions Part 1

Format	Color
Hex	3F9133
RGB	63, 145, 51
RGB Percent	25%, 57%, 20%
CMY	0.7529, 0.4314, 0.8000
CMYK	0.57, 0.00, 0.65, 0.43
HSL	112°, 48%, 38%
HSV	112°, 65%, 57%
XYZ	12.7728, 21.5466, 6.6177
YIQ	109.7660, -18.6980, -46.6180

Conversions

Conversions Part 2

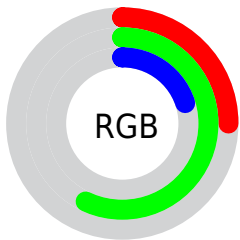
Format	Color
R_{YB}	51, 145, 133
Decimal	4165939
CIE _{Lab}	53.54, -43.65, 41.27
CIE _{LCh}	54, 60.066, 136.605
Yxy	21.5466, 0.3120, 0.5263
Android (android.graphics.Color)	4282356019 (0xFF3F9133)
YUV	109.7660, -28.9716, -41.0138
Hunter-Lab	46.4183, -32.1145, 24.0401

Details

The YUV color **109.7660, -28.9716, -41.0138** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **86.2340, 28.9716, 41.0138**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.4950, -31.3030, -39.8991**, and **54.5910, -26.9134, -47.8763** is the 20% darker color. If you saturate the color by 10%, you get **104.2830, -33.1705, -47.6062**, and if you desaturate by 10%, it is **115.3630, -24.3360, -34.5214**.

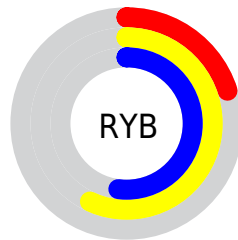
Distribution



Red (25%)

Green (57%)

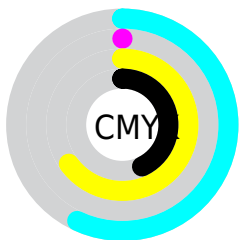
Blue (20%)



Red (20%)

Yellow (57%)

Blue (52%)

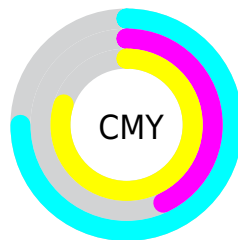


Cyan (57%)

Magenta (0%)

Yellow (65%)

Black (43%)



Cyan (75%)

Magenta (43%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.7660, -28.9716, -41.0138 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 109.7660, -28.9716, -41.0138 by changing the saturation by 10% instead.

■ 109.7660,
-28.9716, -41.0138

■ 109.7660,
-28.9716, -41.0138

■ 255.0000, 0.0000,
0.0000

■ 82.2710, -28.2346,
-44.0877

■ 164.4950,
-31.3030, -39.8991

■ 54.5910, -26.9134,
-47.8763

■ 191.9680,
-32.0292, -40.3139

■ 40.5030, -19.9680,
-35.5211

■ 219.5660,
-32.3240, -39.0844

■ 27.0020, -13.3120,
-23.6808

■ 231.1300,
-24.2211, -24.6700

■ 12.3270, -6.0772,
-10.8108

■ 242.9930,
-16.2655, -9.6409

■ 0.0000, 0.0000,
0.0000

■ 253.0620, -7.4256,

1.6996

■ 109.7660,
-28.9716, -41.0138

■ 109.7660,
-28.9716, -41.0138

■ 104.2830,
-33.1705, -47.6062

■ 115.3630,
-24.3360, -34.5214

■ 98.9850, -37.9536,
-53.4838

■ 120.5470,
-19.9897, -28.5437

■ 93.5020, -42.1525,
-60.0763

■ 126.1440,
-15.3540, -22.0513

■ 90.7960, -44.7624,
-62.9651

■ 131.6270,
-11.1551, -15.4589

■ 136.9250, -6.3720,
-9.5812

■ 142.4080, -2.1731,
-2.9888

■ 148.0050, 2.4625,
3.5036

■ 153.1890, 6.8088,
9.4812

■ 158.7860, 11.4445,
15.9737

Harmonies

Analogous

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



116.5600, -56.4781, 8.2789



109.7660, -28.9716, -41.0138



100.2650, 0.8554, -87.9324

Triad

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



109.7660, -28.9716, -41.0138



108.2860, 59.5120, -94.9668



122.4930, -10.5960, 85.5136

Complementary

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



109.7660, -28.9716, -41.0138



86.2340, 28.9716, 41.0138

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.



126.3060, 13.1601, 72.5226



109.7660, -28.9716, -41.0138



121.8030, 52.3551, -39.2922

Square

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



109.7660, -28.9716, -41.0138



110.4910, 45.1139, -96.9006



131.7210, 33.6615, 30.0627



123.5150, -34.2709, 72.3393

Rectangle

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



109.7660, -28.9716, -41.0138



104.9560, 16.2907, -92.0464



131.7210, 33.6615, 30.0627



123.3710, -2.1549, 84.7436

Sweetspot

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



109.7660, -28.9716, -41.0138



175.3280, -11.0077, -16.0737



126.6530, -37.2969, 16.0903



85.9250, -6.3720, -9.5812



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



109.7660, -28.9716, -41.0138



133.6710, -45.1938, -64.6095



110.0540, -12.3516, -51.7904



68.4080, -2.1731, -2.9888



84.3280, -41.5737, -59.0467



4.9950, -2.4625, -3.5036

Inverse Universe

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



86.2340, 28.9716, 41.0138



97.0300, 45.3412, 63.9947



85.9460, 12.3516, 51.7904



66.5920, 2.1731, 2.9888



50.6720, 41.5737, 59.0467



3.0050, 2.4625, 3.5036

Previews

White Background



This preview shows how the YUV color 109.7660, -28.9716, -41.0138 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 109.7660, -28.9716, -41.0138 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 109.7660, -28.9716, -41.0138 Background



This preview shows how black text looks on a background with the YUV color 109.7660, -28.9716, -41.0138.



This preview shows how white text looks on a background with the YUV color 109.7660, -28.9716, -41.0138.

-41.0138.

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

109.7660, -28.9716, -41.0138

Protanopia

122.2510, -37.5917, 17.3199

Deuteranopia

124.6960, -32.3881, 28.3306



Tritanopia

121.4070, 12.6173, -33.6829

Trichromacy



Original Color

109.7660, -28.9716, -41.0138

Protanomaly

117.9170, -34.4691, -4.3122

Deuteranomaly

119.4710, -31.2912, 3.0949

Tritanomaly

117.0850, -2.5069, -36.0315

Monochromacy



Original Color

109.7660, -28.9716, -41.0138

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.1540, -10.4289, -15.0441

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.7660, -28.9716, -41.0138 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(63, 145, 51)` looks like.

```
.text, #text, p{  
    color:rgb(63, 145, 51)  
}
```

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(63, 145, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 145, 51) }
```

Border

The CSS property to change the border of an element to YUV 109.7660, -28.9716, -41.0138 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(63, 145, 51) }
```


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

```
.border{ border-color:rgb(63, 145, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 145, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 145, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 145, 51);  
box-shadow:4px 4px 4px 4px rgb(63, 145,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 109.7660, -28.9716, -41.0138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 145, 51) }
```

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

```
.background{ background-color: rgb(63, 145,  
51) }
```

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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