

Converting Colors

YUV(65.9910, -26.6176, -2.6231)

Have a look what the booklet for
YUV(65.9910, -26.6176, -2.6231)
contains.

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Color

**YUV(65.9910, -26.6176,
-2.6231)**

Conversions

Conversions Part 1

Format	Color
Hex	3F4E0C
RGB	63, 78, 12
RGB Percent	25%, 31%, 5%
CMY	0.7529, 0.6941, 0.9529
CMYK	0.19, 0.00, 0.85, 0.69
HSL	74°, 73%, 18%
HSV	74°, 85%, 31%
XYZ	4.8406, 6.5321, 1.3535
YIQ	65.9910, 12.2460, -23.7060

Conversions

Conversions Part 2

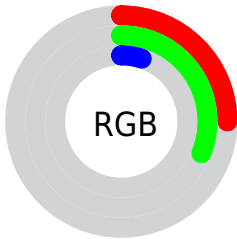
Format	Color
RYB	12, 78, 27
Decimal	4148748
CIELab	30.72, -16.03, 34.22
CIELCh	31, 37.786, 115.104
Yxy	6.5321, 0.3804, 0.5133
Android (android.graphics.Color)	4282338828 (0xFF3F4E0C)
YUV	65.9910, -26.6176, -2.6231
Hunter-Lab	25.5579, -10.9187, 14.7506

Details

The YUV color **65.9910, -26.6176, -2.6231** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **24.0090, 26.6176, 2.6231**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.1760, -27.2018, -1.9084**, and **24.7420, -12.1978, -7.6667** is the 20% darker color. If you saturate the color by 10%, you get **64.4810, -29.8171, -3.0528**, and if you desaturate by 10%, it is **67.5010, -23.4180, -2.1934**.

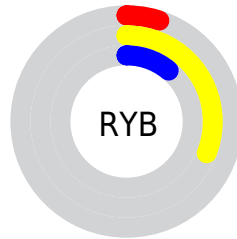
Distribution



 Red (25%)

 Green (31%)

 Blue (5%)



 Red (5%)

 Yellow (31%)

 Blue (11%)

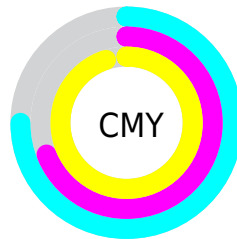


 Cyan (19%)

 Magenta (0%)

 Yellow (85%)

 Black (69%)



 Cyan (75%)

 Magenta (69%)

 Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.9910, -26.6176, -2.6231 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 65.9910, -26.6176, -2.6231 by changing the saturation by 10% instead.

■ 65.9910, -26.6176,
-2.6231

■ 65.9910, -26.6176,
-2.6231

■ 253.9740, -3.9312,
0.8998

■ 44.2450, -21.8128,
-3.7229

■ 115.1760,
-27.2018, -1.9084

■ 24.7420, -12.1978,
-7.6667

■ 141.0620,
-27.6386, -1.8084

■ 2.9350, -1.4470,
-2.5740

■ 167.8340,
-28.5122, -1.6084


■ 0.0000, 0.0000,
0.0000


■ 194.9050,
-29.5332, -0.7937


■ 223.3780,
-30.2594, -1.2085


■ 246.2800,


-28.2390, 4.1394


 250.6680,
-16.5983, 3.7992


 65.9910, -26.6176,
-2.6231


 65.9910, -26.6176,
-2.6231


 64.4810, -29.8171,
-3.0528


 67.5010, -23.4180,
-2.1934

 63.7260, -31.4169,
-3.2677

 69.0110, -20.2184,
-1.7636

 70.1080, -17.3082,
-1.8487

 71.6180, -14.1087,
-1.4190

 73.1280, -10.9091,
-0.9893

■ 74.6380, -7.7095,
-0.5595

■ 75.8490, -4.3626,
-0.7446

■ 77.2450, -1.5998,
-0.2149

■ 78.7550, 1.5998,
0.2149

Harmonies

Analogous

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



68.2820, -31.1980, 19.9237



65.9910, -26.6176, -2.6231



59.2180, -10.9535, -33.5172

Triad

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



65.9910, -26.6176, -2.6231



62.9880, 28.1069, -55.2405



71.1980, 3.3534, 44.5534

Complementary

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



65.9910, -26.6176, -2.6231



24.0090, 26.6176, 2.6231

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.



73.9920, 15.7799, 25.4400



65.9910, -26.6176, -2.6231



60.1330, 34.9374, -52.7366

Square

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



65.9910, -26.6176, -2.6231



61.4260, 17.0450, -53.8706



72.5300, 26.3607, -8.3578



69.9630, -10.3348, 48.2674

Rectangle

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



65.9910, -26.6176, -2.6231



56.2790, -0.1375, -49.3567



72.5300, 26.3607, -8.3578



72.3160, 7.7322, 40.0649

Sweetspot

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



65.9910, -26.6176, -2.6231



97.3560, -10.0355, -1.1892



39.9520, -13.7803, 33.3681



48.3930, -6.1097, -0.3447



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



65.9910, -26.6176, -2.6231



83.4950, -41.1630, -3.9421



56.4230, -21.9005, -22.2960



37.2450, -1.5998, -0.2149



187.9330, -92.6510, -9.5882

Inverse Universe

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



24.0090, 26.6176, 2.6231



18.5050, 41.1630, 3.9421



33.5770, 21.9005, 22.2960



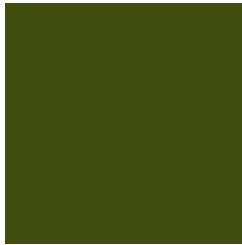
34.7550, 1.5998, 0.2149



41.7680, 92.7984, 8.9735

Previews

White Background



This preview shows how the YUV color 65.9910, -26.6176, -2.6231 looks on a white background.

Color Contrast Check

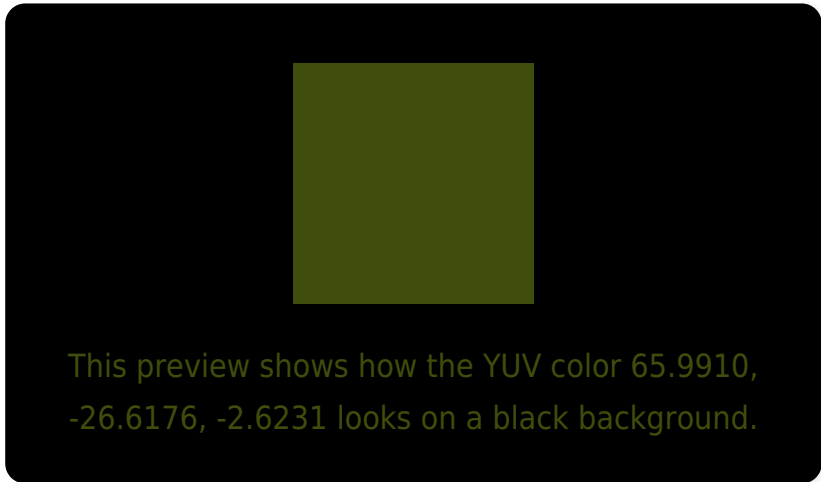
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

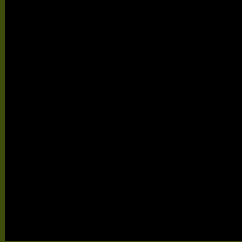
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.9910, -26.6176, -2.6231

Background



This preview shows how black text looks on a background with the YUV color 65.9910, -26.6176, -2.6231.



This preview shows how white text looks on a background with the YUV color 65.9910, -26.6176,

-2.6231.

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

65.9910, -26.6176, -2.6231

Protanopia

67.6230, -28.4081, 11.7316

Deuteranopia

69.7640, -25.5197, 18.6240



Tritanopia

72.3740, 2.7736, -2.9590

Trichromacy



Original Color

65.9910, -26.6176, -2.6231

Protanomaly

66.8180, -27.5183, 6.2986

Deuteranomaly

68.3070, -25.7874, 11.1318

Tritanomaly

70.2140, -7.9935, -2.8187

Monochromacy



Original Color

65.9910, -26.6176, -2.6231

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.7690, -9.7461, -0.6744

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.9910, -26.6176, -2.6231 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, 78, 12)` looks like.

```
.text, #text, p{  
    color:rgb(63, 78, 12)  
}
```

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, 78, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 78, 12) }
```

Border

The CSS property to change the border of an element to YUV 65.9910, -26.6176, -2.6231 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, 78, 12) }
```

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

```
.border{ border-color:rgb(63, 78, 12) }
```

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

Here you see how a box with a 4 pixel rgb(63, 78, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 78, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 78, 12);  
box-shadow:4px 4px 4px 4px rgb(63, 78, 12)  
}
```

Background

The CSS property to change the background color of an element to YUV 65.9910, -26.6176, -2.6231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 78, 12) }
```

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

```
.background{ background-color: rgb(63, 78,  
12) }
```

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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