

Converting Colors

YUV(65.0740, -19.2635,
-28.1289)

Have a look what the booklet for
YUV(65.0740, -19.2635, -28.1289)
contains.

YUV(65.0740, -19.2635, -28.1289)	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(65.0740, -19.2635,
-28.1289)**

Conversions

Conversions Part 1

Format	Color
Hex	21591A
RGB	33, 89, 26
RGB Percent	13%, 35%, 10%
CMY	0.8706, 0.6510, 0.8980
CMYK	0.63, 0.00, 0.71, 0.65
HSL	113°, 55%, 23%
HSV	113°, 71%, 35%
XYZ	4.3860, 7.5427, 2.2020
YIQ	65.0740, -13.1530, -31.4650

Conversions

Conversions Part 2

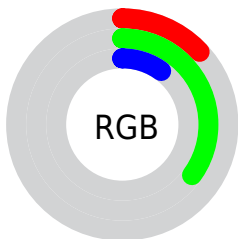
Format	Color
RYB	26, 89, 82
Decimal	2185498
CIELab	33.01, -31.92, 30.01
CIELCh	33, 43.811, 136.760
Yxy	7.5427, 0.3104, 0.5338
Android (android.graphics.Color)	4280375578 (0xFF21591A)
YUV	65.0740, -19.2635, -28.1289
Hunter-Lab	27.4639, -19.5551, 14.4710

Details

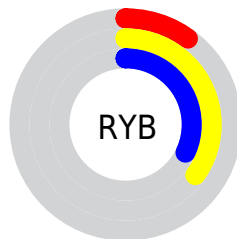
The YUV color **65.0740, -19.2635, -28.1289** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **49.9260, 19.2635, 28.1289**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.9170, -21.1581, -27.1142**, and **24.6540, -12.1544, -21.6216** is the 20% darker color. If you saturate the color by 10%, you get **61.6560, -22.0154, -32.1473**, and if you desaturate by 10%, it is **68.4920, -16.5116, -24.1105**.

Distribution



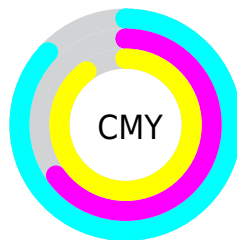
- Red (13%)
- Green (35%)
- Blue (10%)



- Red (10%)
- Yellow (35%)
- Blue (32%)



- Cyan (63%)
- Magenta (0%)
- Yellow (71%)
- Black (65%)



- Cyan (87%)
- Magenta (65%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.0740, -19.2635, -28.1289 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 65.0740, -19.2635, -28.1289 by changing the saturation by 10% instead.

■ 65.0740, -19.2635,
-28.1289

■ 65.0740, -19.2635,
-28.1289

255.0000, 0.0000,
0.0000

■ 38.8670, -18.6684,
-32.3324

■ 115.9170,
-21.1581, -27.1142

■ 24.6540, -12.1544,
-21.6216

■ 141.6890,
-22.0317, -26.9143

■ 10.5660, -5.2090,
-9.2664

■ 168.8630,
-22.6105, -27.9439

■ 0.0000, 0.0000,
0.0000

■ 196.3360,
-23.3366, -28.3587

■ 224.2220,
-23.7734, -28.2587

■ 238.6070,

-17.5543, -16.3183

■ 250.5840, -9.1619,
-1.3892

■ 65.0740, -19.2635,
-28.1289

■ 65.0740, -19.2635,
-28.1289

■ 61.6560, -22.0154,
-32.1473

■ 68.4920, -16.5116,
-24.1105

■ 58.2380, -24.7673,
-36.1657

■ 71.9100, -13.7596,
-20.0921

■ 55.2330, -27.2299,
-39.6693

■ 75.3280, -11.0077,
-16.0737

■ 78.7460, -8.2558,
-12.0552

■ 82.1640, -5.5039,
-8.0368

■ 85.1690, -3.0413,
-4.5332

■ 88.5870, -0.2894,
-0.5148

■ 92.0050, 2.4625,
3.5036

■ 95.4230, 5.2145,
7.5220

Harmonies

Analogous

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



70.8580, -34.9330, 4.5095



65.0740, -19.2635, -28.1289



61.5450, -0.2687, -53.9750

Triad

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



65.0740, -19.2635, -28.1289



67.0120, 38.4481, -58.7695



73.6420, -6.7255, 57.3190

Complementary

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



65.0740, -19.2635, -28.1289



49.9260, 19.2635, 28.1289

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.



76.0120, 8.8681, 49.1015



65.0740, -19.2635, -28.1289



72.9990, 35.0035, -27.1861

Square

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



65.0740, -19.2635, -28.1289



68.5960, 29.2862, -60.1587



79.6800, 22.3428, 20.4516



74.0480, -22.7017, 48.1929

Rectangle

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



65.0740, -19.2635, -28.1289



64.8680, 9.9251, -56.8892



79.6800, 22.3428, 20.4516



73.7220, -1.3419, 57.2488

Sweetspot

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



65.0740, -19.2635, -28.1289



105.6860, -7.2402, -11.1256



77.7090, -25.4925, 9.9022



53.4030, -4.6357, -6.4924



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



65.0740, -19.2635, -28.1289



77.8150, -29.9818, -43.6878



65.7170, -7.7485, -34.8318



41.3480, -1.1576, -2.0592



66.3970, -32.7337, -47.7062



145.7190, -71.8395, -104.9936

Inverse Universe

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



49.9260, 19.2635, 28.1289



54.1850, 29.9818, 43.6878



49.2830, 7.7485, 34.8318



40.6520, 1.1576, 2.0592



40.6030, 32.7337, 47.7062



89.2810, 71.8395, 104.9936

Previews

White Background



This preview shows how the YUV color 65.0740, -19.2635, -28.1289 looks on a white background.

Color Contrast Check

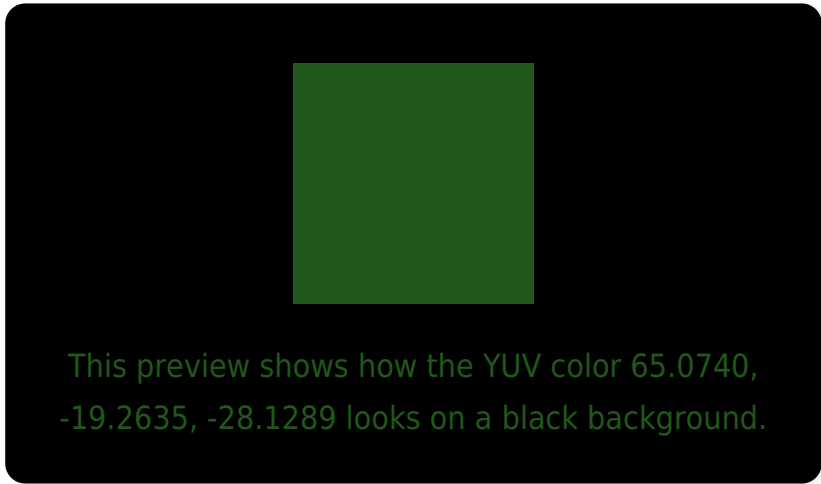
Large Text (above 18pt) WCAG AA ✓ Pass

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

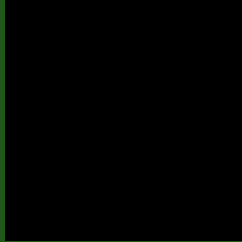
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.0740, -19.2635, -28.1289

Background



This preview shows how black text looks on a background with the YUV color 65.0740, -19.2635, -28.1289.



This preview shows how white text looks on a background with the YUV color 65.0740, -19.2635, -28.1289.

-28.1289.

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

65.0740, -19.2635, -28.1289

Protanopia

74.4210, -25.3506, 11.0318

Deuteranopia

75.7900, -21.5885, 17.7242



Tritanopia

73.3330, 8.2168, -22.2170

Trichromacy



Original Color

65.0740, -19.2635, -28.1289

Protanomaly

70.9030, -23.1232, -3.4229

Deuteranomaly

71.6200, -20.5187, 1.2103

Tritanomaly

70.3900, -1.6713, -24.0210

Monochromacy



Original Color

65.0740, -19.2635, -28.1289

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

65.0990, -6.9508, -10.6108

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.0740, -19.2635, -28.1289 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(33, 89, 26)` looks like.

```
.text, #text, p{  
    color:rgb(33, 89, 26)  
}
```

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(33, 89, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 89, 26) }
```

Border

The CSS property to change the border of an element to YUV 65.0740, -19.2635, -28.1289 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(33, 89, 26) }
```


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

```
.border{ border-color:rgb(33, 89, 26) }
```

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

Here you see how a box with a 4 pixel rgb(33, 89, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 89, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 89, 26);  
box-shadow:4px 4px 4px 4px rgb(33, 89, 26)  
}
```

Background

The CSS property to change the background color of an element to YUV 65.0740, -19.2635, -28.1289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 89, 26) }
```

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

```
.background{ background-color: rgb(33, 89,  
26) }
```

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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