

Converting Colors

YUV(51.0740, -19.2635,
-28.1289)

Have a look what the booklet for
YUV(51.0740, -19.2635, -28.1289)
contains.

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Color

**YUV(51.0740, -19.2635,
-28.1289)**

Conversions

Conversions Part 1

Format	Color
Hex	134B0C
RGB	19, 75, 12
RGB Percent	7%, 29%, 5%
CMY	0.9255, 0.7059, 0.9529
CMYK	0.75, 0.00, 0.84, 0.71
HSL	113°, 72%, 17%
HSV	113°, 84%, 29%
XYZ	2.8510, 5.1971, 1.2007
YIQ	51.0740, -13.1530, -31.4650

Conversions

Conversions Part 2

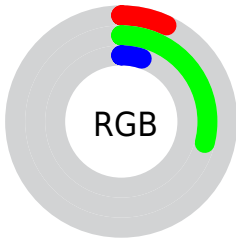
Format	Color
RYB	12, 75, 68
Decimal	1264396
CIELab	27.29, -31.24, 30.12
CIElCh	27, 43.393, 136.043
Yxy	5.1971, 0.3083, 0.5619
Android (android.graphics.Color)	4279454476 (0xFF134B0C)
YUV	51.0740, -19.2635, -28.1289
Hunter-Lab	22.7972, -17.5722, 12.8353

Details

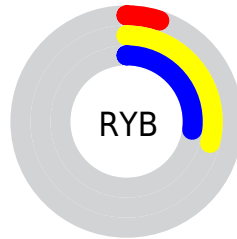
The YUV color **51.0740, -19.2635, -28.1289** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **35.9260, 19.2635, 28.1289**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.6290, -21.0161, -25.9846**, and **19.3710, -9.5499, -16.9884** is the 20% darker color. If you saturate the color by 10%, you get **48.1830, -21.2892, -31.7325**, and if you desaturate by 10%, it is **54.0790, -16.8009, -24.6253**.

Distribution



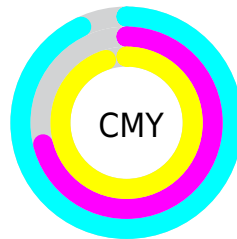
- Red (7%)
- Green (29%)
- Blue (5%)



- Red (5%)
- Yellow (29%)
- Blue (27%)



- Cyan (75%)
- Magenta (0%)
- Yellow (84%)
- Black (71%)



- Cyan (93%)
- Magenta (71%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.0740, -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 51.0740, -19.2635, -28.1289 by changing the saturation by 10% instead.

■ 51.0740, -19.2635,
-28.1289

■ 51.0740, -19.2635,
-28.1289

■ 253.7460, -4.8048,
1.0998

■ 30.5240, -15.0483,
-26.7695

■ 101.6290,
-21.0161, -25.9846

■ 19.3710, -9.5499,
-16.9884

■ 127.1020,
-21.7423, -26.3995

■ 0.0000, 0.0000,
0.0000


■ 153.5750,
-22.4685, -26.8143


■ 180.4610,
-22.9053, -26.7143


■ 208.8200,
-24.0683, -27.0291


■ 232.5970,


-22.4793, -23.3256


 244.1610,
-14.3764, -8.9112


 51.0740, -19.2635,
-28.1289


 51.0740, -19.2635,
-28.1289


 48.1830, -21.2892,
-31.7325


 54.0790, -16.8009,
-24.6253

 46.4170, -22.8836,
-33.6917

 56.6710, -14.6278,
-21.6365

 59.6760, -12.1653,
-18.1329

 62.5670, -10.1395,
-14.5293

 65.1590, -7.9664,
-11.5404

■ 68.1640, -5.5039,
-8.0368

■ 71.1690, -3.0413,
-4.5332

■ 73.7610, -0.8682,
-1.5444

■ 76.7660, 1.5944,
1.9592

Harmonies

Analogous

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



58.7530, -28.9652, 3.7246



51.0740, -19.2635, -28.1289



51.1440, -2.0430, -44.8533

Triad

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



51.0740, -19.2635, -28.1289



57.5570, 35.2214, -50.4775



58.0980, -4.9783, 56.9191

Complementary

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



51.0740, -19.2635, -28.1289



35.9260, 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.



61.5280, 9.5997, 47.7719



51.0740, -19.2635, -28.1289



56.4820, 35.7514, -33.7487

Square

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



51.0740, -19.2635, -28.1289



58.5540, 26.3489, -51.3519



65.9680, 22.2008, 19.3221



60.3790, -21.3858, 46.1486

Rectangle

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



51.0740, -19.2635, -28.1289



54.4670, 8.1508, -47.7676



65.9680, 22.2008, 19.3221



58.4660, 0.2633, 55.7193

Sweetspot

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



51.0740, -19.2635, -28.1289



87.6860, -7.2402, -11.1256



63.7090, -25.4925, 9.9022



42.8160, -4.3463, -5.9776



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



51.0740, -19.2635, -28.1289



60.2280, -29.6924, -43.1730



51.7170, -7.7485, -34.8318



36.6470, -1.3050, -1.4444



63.1630, -31.1394, -45.7470



142.7840, -70.3925, -102.4196

Inverse Universe

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



35.9260, 19.2635, 28.1289



36.7720, 29.6924, 43.1730



35.2830, 7.7485, 34.8318



35.6520, 1.1576, 2.0592



38.8370, 31.1394, 45.7470



87.2160, 70.3925, 102.4196

Previews

White Background



This preview shows how the YUV color 51.0740, -19.2635, -28.1289 looks on a white background.

Color Contrast Check

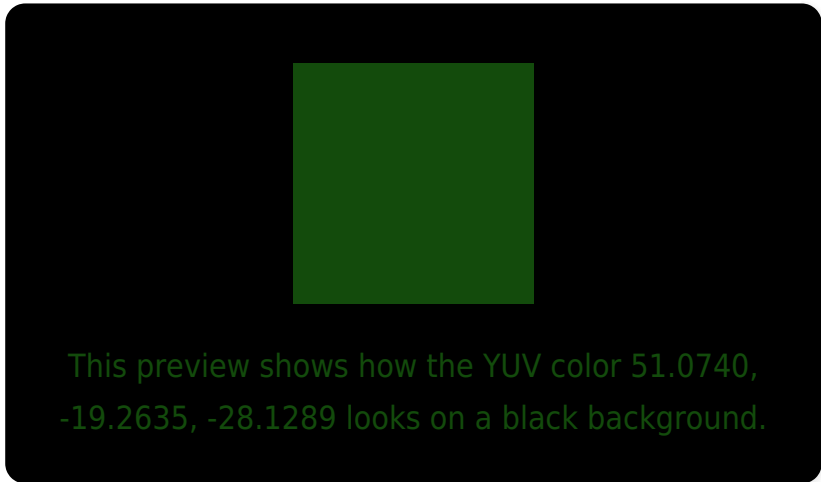
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.0740, -19.2635, -28.1289

Background



This preview shows how black text looks on a background with the YUV color 51.0740, -19.2635, -28.1289.



This preview shows how white text looks on a background with the YUV color 51.0740, -19.2635, -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

51.0740, -19.2635, -28.1289

Protanopia

61.0080, -25.6399, 10.5170

Deuteranopia

62.3060, -20.8569, 16.3946



Tritanopia

60.4040, 7.1958, -21.4023

Trichromacy



Original Color

51.0740, -19.2635, -28.1289

Protanomaly

57.4900, -23.4126, -3.9377

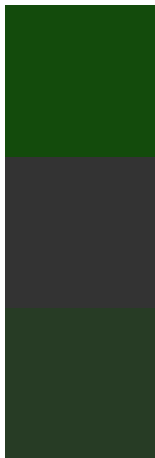
Deuteranomaly

58.0220, -20.2238, -0.0193

Tritanomaly

57.1620, -2.5449, -23.8211

Monochromacy



Original Color

51.0740, -19.2635, -28.1289

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

51.0990, -6.9508, -10.6108

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.0740, -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(19, 75, 12)` looks like.

```
.text, #text, p{  
    color:rgb(19, 75, 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(19, 75, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 75, 12) }
```

Border

The CSS property to change the border of an element to YUV 51.0740, -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(19, 75, 12) }
```


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

```
.border{ border-color:rgb(19, 75, 12) }
```

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

Here you see how a box with a 4 pixel rgb(19, 75, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 75, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 75, 12);  
box-shadow:4px 4px 4px 4px rgb(19, 75, 12)  
}
```

Background

The CSS property to change the background color of an element to YUV 51.0740, -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(19, 75, 12) }
```

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

```
.background{ background-color: rgb(19, 75,  
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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