

Converting Colors

YIQ(57.6660, -11.8240,
-28.0160)

Have a look what the booklet for
YIQ(57.6660, -11.8240, -28.0160)
contains.

| | |
|--|----|
| YIQ(57.6660, -11.8240, -28.0160) | 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

**YIQ(57.6660, -11.8240,
-28.0160)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 1D4F17 |
| RGB | 29, 79, 23 |
| RGB Percent | 11%, 31%, 9% |
| CMY | 0.8864, 0.6901, 0.9098 |
| CMYK | 0.63, 0.00, 0.71, 0.69 |
| HSL | 114°, 55%, 20% |
| HSV | 114°, 71%, 31% |
| XYZ | 3.4577, 5.9175, 1.7705 |
| YIQ | 57.6660, -11.8240, -28.0160 |

Conversions

Conversions Part 2

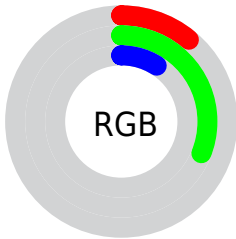
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 23, 79, 73 |
| Decimal | 1920791 |
| CIE _{Lab} | 29.20, -29.17, 27.27 |
| CIE _{LCh} | 29, 39.929, 136.929 |
| Yxy | 5.9175, 0.3102, 0.5309 |
| Android (android.graphics.Color) | 4280110871 (0xFF1D4F17) |
| YUV | 57.6660, -17.0903, -25.1401 |
| Hunter-Lab | 24.3259, -17.1979, 12.7128 |

Details

The YIQ color **57.6660, -11.8240, -28.0160** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **44.3340, 11.8240, 28.0160**, and the grayscale version is **58.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **107.2100, -10.5400, -29.2600**, and **20.5450, -9.6250, -18.3050** is the 20% darker color. If you saturate the color by 10%, you get **54.6610, -13.4280, -31.9880**, and if you desaturate by 10%, it is **60.6710, -10.2200, -24.0440**.

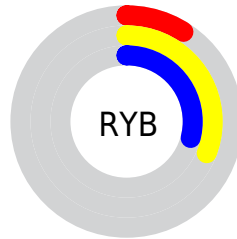
Distribution



Red (11%)

Green (31%)

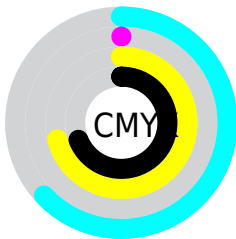
Blue (9%)



Red (9%)

Yellow (31%)

Blue (29%)

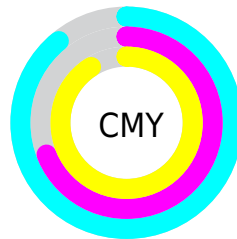


Cyan (63%)

Magenta (0%)

Yellow (71%)

Black (69%)



Cyan (89%)

Magenta (69%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 57.6660, -11.8240, -28.0160 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 YIQ color 57.6660, -11.8240, -28.0160 by changing the saturation by 10% instead.

■ 57.6660, -11.8240,
-28.0160

■ 57.6660, -11.8240,
-28.0160

■ 255.0000, -0.0000,
-0.0000

■ 33.1710, -14.8040,
-29.0760

■ 107.2100,
-10.5400, -29.2600

■ 20.5450, -9.6250,
-18.3050

■ 132.9820, -9.8980,
-29.8820

■ 0.0000, 0.0000,
0.0000

■ 159.4550, -9.8520,
-30.7160

■ 186.9280, -9.8060,
-31.5500

■ 214.5150,
-10.0810, -32.0730

■ 235.9440, -6.7350,

-26.6310

■ 247.9210, 1.2400,
-11.4640

■ 57.6660, -11.8240,
-28.0160

■ 57.6660, -11.8240,
-28.0160

■ 54.6610, -13.4280,
-31.9880

■ 60.6710, -10.2200,
-24.0440

■ 51.6560, -15.0320,
-35.9600

■ 63.6760, -8.6160,
-20.0720

■ 48.7650, -16.9570,
-39.6210

■ 66.6810, -7.0120,
-16.1000

■ 69.6860, -5.4080,
-12.1280

■ 72.6910, -3.8040,
-8.1560

■ 75.5820, -1.8790,
-4.4950

■ 78.5870, -0.2750,
-0.5230

■ 81.5920, 1.3290,
3.4490

■ 84.8960, 3.5290,
7.6330

Harmonies

Analogous

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



62.8840, 19.8570, -23.9750



57.6660, -11.8240, -28.0160



54.2900, -39.8840, -26.0920

Triad

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



57.6660, -11.8240, -28.0160



59.3180, -62.3090, 0.3710



65.4240, 46.4410, 22.8970

Complementary

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



57.6660, -11.8240, -28.0160



44.3340, 11.8240, 28.0160

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.



67.4520, 32.0430, 30.5310



57.6660, -11.8240, -28.0160



64.6960, -36.5900, 13.3460

Square

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



57.6660, -11.8240, -28.0160



60.4290, -58.5480, -7.2200



70.6860, 4.9010, 26.8290



65.8840, 47.3610, 6.2170

Rectangle

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



57.6660, -11.8240, -28.0160



57.2710, -46.9000, -20.0840



70.6860, 4.9010, 26.8290



65.9770, 43.5060, 26.5300

Sweetspot

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



57.6660, -11.8240, -28.0160



93.9250, -4.5830, -10.5590



68.5070, 19.9010, -13.7550



46.2290, -2.3830, -6.3750



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.



57.6660, -11.8240, -28.0160



69.0590, -17.9650, -43.3810



58.2660, -22.1410, -22.7570



36.6470, -0.5040, -1.8800



63.1630, -21.4940, -51.0140



142.1860, -48.9460, -115.2020

Inverse Universe

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



44.3340, 11.8240, 28.0160



48.2400, 18.5610, 43.5930



43.7340, 22.1410, 22.7570



35.6520, 1.1000, 2.0920



38.8370, 21.4940, 51.0140



87.5150, 48.3500, 114.9900

Previews

White Background



This preview shows how the YIQ color 57.6660, -11.8240, -28.0160 looks on a white background.

Color Contrast Check

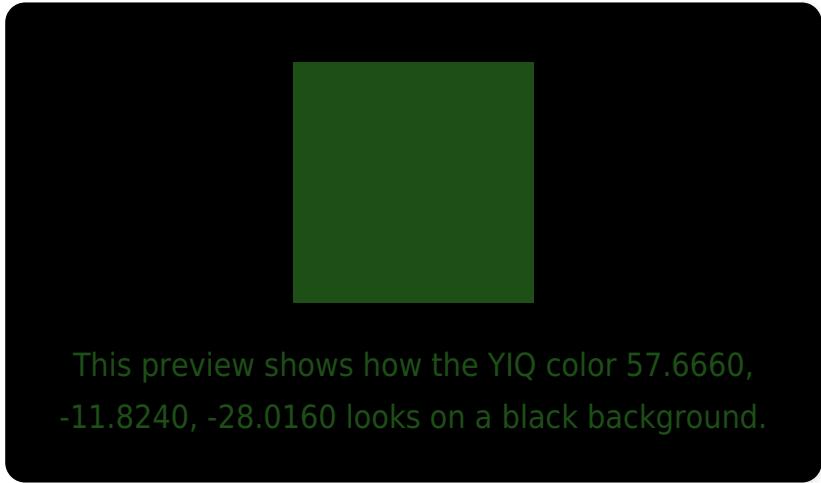
Large Text (above 18pt) WCAG AA ✓ Pass

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

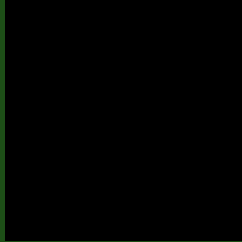
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 57.6660, -11.8240, -28.0160

Background



This preview shows how black text looks on a background with the YIQ color 57.6660, -11.8240, -28.0160.



This preview shows how white text looks on a background with the YIQ color 57.6660, -11.8240,

-28.0160.

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

57.6660, -11.8240, -28.0160

Protanopia

65.8060, 20.4970, -13.5430

Deuteranopia

66.7620, 23.7970, -7.2670



Tritanopia

65.1160, -20.9980, -4.9180

Trichromacy



Original Color

57.6660, -11.8240, -28.0160

Protanomaly

63.1850, 8.9440, -18.9280

Deuteranomaly

63.4890, 11.1440, -14.7440

Tritanomaly

62.4010, -17.7870, -13.5550

Monochromacy



Original Color

57.6660, -11.8240, -28.0160

Achromatopsia

58.0000, -0.0000, 0.0000

Achromatomaly

57.9250, -4.5830, -10.5590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 57.6660, -11.8240, -28.0160 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(29, 79, 23)` looks like.

```
.text, #text, p{  
    color:rgb(29, 79, 23)  
}
```

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(29, 79, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 79, 23) }
```

Border

The CSS property to change the border of an element to YIQ 57.6660, -11.8240, -28.0160 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(29, 79, 23) }
```


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

```
.border{ border-color:rgb(29, 79, 23) }
```

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

Here you see how a box with a 4 pixel rgb(29, 79, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 79, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 79, 23);  
box-shadow:4px 4px 4px 4px rgb(29, 79, 23)  
}
```

Background

The CSS property to change the background color of an element to YIQ 57.6660, -11.8240, -28.0160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 79, 23) }
```

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

```
.background{ background-color: rgb(29, 79,  
23) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor