

Converting Colors

YIQ(36.7160, 3.0750, -17.1890)

Have a look what the booklet for
YIQ(36.7160, 3.0750, -17.1890)
contains.

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Color

**YIQ(36.7160, 3.0750,
-17.1890)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 1D2F04 |
| RGB | 29, 47, 4 |
| RGB Percent | 11%, 18%, 2% |
| CMY | 0.8863, 0.8157, 0.9843 |
| CMYK | 0.38, 0.00, 0.91, 0.82 |
| HSL | 85°, 84%, 10% |
| HSV | 85°, 91%, 18% |
| XYZ | 1.5450, 2.3034, 0.4784 |
| YIQ | 36.7160, 3.0750, -17.1890 |

Conversions

Conversions Part 2

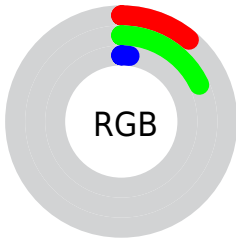
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 4, 47, 22 |
| Decimal | 1912580 |
| CIE Lab | 17.00, -15.60, 22.48 |
| CIE LCh | 17, 27.363, 124.771 |
| Yxy | 2.3034, 0.3571, 0.5324 |
| Android (android.graphics.Color) | 4280102660 (0xFF1D2F04) |
| YUV | 36.7160, -16.1290, -6.7669 |
| Hunter-Lab | 15.1769, -8.3884, 8.7550 |

Details

The YIQ color **36.7160, 3.0750, -17.1890** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **14.2840, -3.0750, 17.1890**, and the grayscale version is **37.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **82.4170, 2.4790, -17.4010**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **35.6620, 3.1670, -18.8570**, and if you desaturate by 10%, it is **37.8840, 2.6620, -15.2100**.

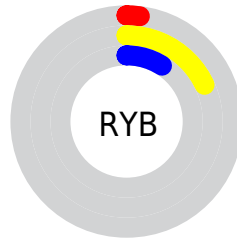
Distribution



Red (11%)

Green (18%)

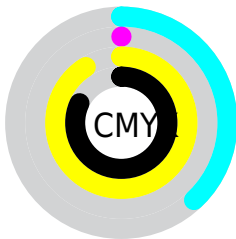
Blue (2%)



Red (2%)

Yellow (18%)

Blue (9%)

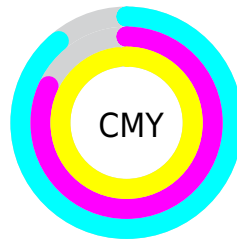


Cyan (38%)

Magenta (0%)

Yellow (91%)

Black (82%)



Cyan (89%)

Magenta (82%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 36.7160, 3.0750, -17.1890 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 36.7160, 3.0750, -17.1890 by changing the saturation by 10% instead.

■ 36.7160, 3.0750,
-17.1890

■ 36.7160, 3.0750,
-17.1890

■ 252.1500, 8.0250,
-7.7750

■ 15.8490, -7.4250,
-14.1210

■ 82.4170, 2.4790,
-17.4010

■ 0.0000, 0.0000,
0.0000

■ 107.1890, 3.1210,
-18.0230

■ 132.0750, 3.4420,
-18.3340

■ 158.5480, 3.4880,
-19.1680

■ 185.4340, 3.8090,
-19.4790

■ 213.3200, 4.1300,

-19.7900

■ 241.7930, 4.1760,
-20.6240

■ 36.7160, 3.0750,
-17.1890

■ 36.7160, 3.0750,
-17.1890

■ 35.6620, 3.1670,
-18.8570

■ 37.8840, 2.6620,
-15.2100

■ 38.9380, 2.5700,
-13.5420

■ 40.1060, 2.1570,
-11.5630

■ 41.2740, 1.7440,
-9.5840

■ 42.4420, 1.3310,
-7.6050

■ 43.4960, 1.2390,
-5.9370

■ 44.6640, 0.8260,
-3.9580

■ 45.8320, 0.4130,
-1.9790

■ 46.8860, 0.3210,
-0.3110

Harmonies

Analogous

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



39.6040, 18.2500, -11.3660



36.7160, 3.0750, -17.1890



32.0860, -21.4540, -18.6860

Triad

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



36.7160, 3.0750, -17.1890



36.9540, -37.9170, -1.1570



40.4970, 27.0020, 17.2580

Complementary

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



36.7160, 3.0750, -17.1890



14.2840, -3.0750, 17.1890

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.



42.9070, 14.1640, 18.6440



36.7160, 3.0750, -17.1890



34.4750, -37.8260, 2.7020

Square

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



36.7160, 3.0750, -17.1890



37.2330, -34.5690, -6.7690



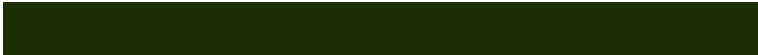
42.7350, -5.9630, 14.4610



40.6680, 30.5340, 8.3100

Rectangle

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



36.7160, 3.0750, -17.1890



34.2690, -26.2230, -14.8550



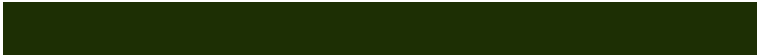
42.7350, -5.9630, 14.4610



41.1700, 23.6090, 18.1770

Sweetspot

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



36.7160, 3.0750, -17.1890



57.0830, 0.9640, -6.4600



27.4230, 20.6780, -0.2980



28.3650, 0.2300, -4.1700



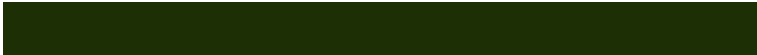
158.0000, -0.0000, 0.0000



31.0000, -0.0000, -0.0000

Same Dimension

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



36.7160, 3.0750, -17.1890



46.5710, 4.6810, -24.2710



30.4370, -9.4410, -21.6410



22.4730, 0.0460, -0.8340



66.0190, 5.8750, -34.9010



162.6940, 15.0540, -85.6340

Inverse Universe

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



14.2840, -3.0750, 17.1890



14.7280, -4.0850, 24.4830



20.5630, 9.4410, 21.6410



21.5270, -0.0460, 0.8340



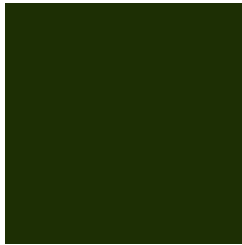
20.6820, -6.4710, 34.6890



51.3060, -15.0540, 85.6340

Previews

White Background



This preview shows how the YIQ color 36.7160, 3.0750, -17.1890 looks on a white background.

Color Contrast Check

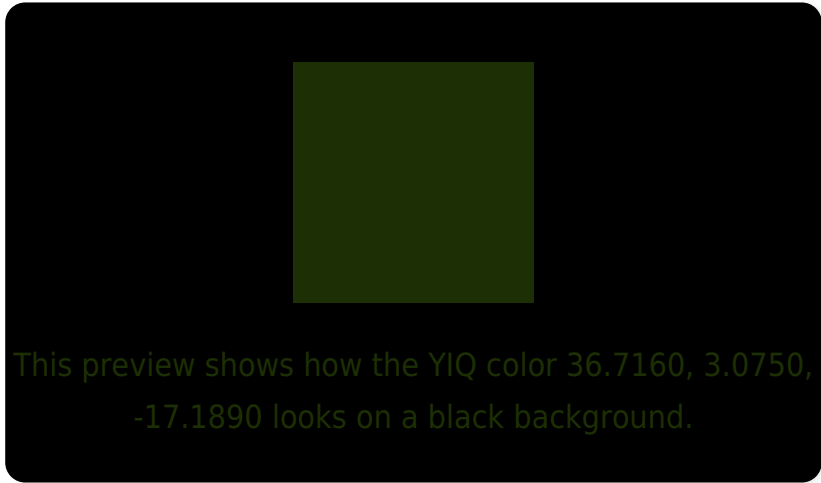
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.7160, 3.0750, -17.1890

Background



This preview shows how black text looks on a background with the YIQ color 36.7160, 3.0750, -17.1890.



This preview shows how white text looks on a background with the YIQ color 36.7160, 3.0750,

-17.1890.

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

36.7160, 3.0750, -17.1890

Deuteranopia

40.4670, 17.3780, -6.5740

Tritanopia

41.3520, -6.9230, -1.1870

Trichromacy



Original Color

36.7160, 3.0750, -17.1890

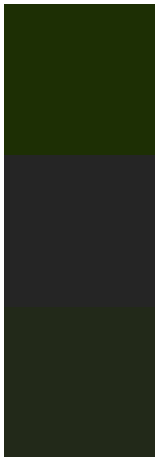
Deuteranomaly

39.3090, 11.8310, -10.6730

Tritanomaly

39.5170, -3.2540, -7.1100

Monochromacy



Original Color

36.7160, 3.0750, -17.1890

Achromatopsia

37.0000, -0.0000, 0.0000

Achromatomaly

37.0830, 0.9640, -6.4600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 36.7160, 3.0750, -17.1890 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, 47, 4)` looks like.

```
.text, #text, p{  
    color:rgb(29, 47, 4)  
}
```

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, 47, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 47, 4) }
```

Border

The CSS property to change the border of an element to YIQ 36.7160, 3.0750, -17.1890 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, 47, 4) }
```

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

```
.border{ border-color:rgb(29, 47, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 47, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 47, 4); -webkit-box-shadow:4px  
4px 4px 4px rgb(29, 47, 4); box-shadow:4px  
4px 4px 4px rgb(29, 47, 4) }
```


Background

The CSS property to change the background color of an element to YIQ 36.7160, 3.0750, -17.1890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 47, 4) }
```

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

```
.background{ background-color: rgb(29, 47,  
4) }
```

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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