

Converting Colors

YIQ(36.6710, -1.0520, -13.9800)

Have a look what the booklet for
YIQ(36.6710, -1.0520, -13.9800)
contains.

YIQ(36.6710, -1.0520, -13.9800)	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(36.6710, -1.0520,
-13.9800)**

Conversions

Conversions Part 1

Format	Color
Hex	1B2E0E
RGB	27, 46, 14
RGB Percent	11%, 18%, 5%
CMY	0.8942, 0.8196, 0.9451
CMYK	0.41, 0.00, 0.70, 0.82
HSL	96°, 53%, 12%
HSV	96°, 70%, 18%
XYZ	1.5082, 2.2191, 0.7645
YIQ	36.6710, -1.0520, -13.9800

Conversions

Conversions Part 2

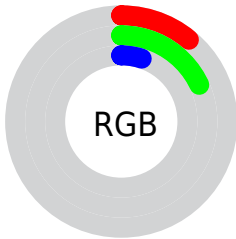
Format	Color
R_{YB}	14, 46, 33
Decimal	1781262
CIE Lab	16.60, -14.86, 17.68
CIE LCh	17, 23.099, 130.050
Yxy	2.2191, 0.3358, 0.4940
Android (android.graphics.Color)	4279971342 (0xFF1B2E0E)
YUV	36.6710, -11.1768, -8.4815
Hunter-Lab	14.8967, -7.9976, 7.3849

Details

The YIQ color **36.6710, -1.0520, -13.9800** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **23.3290, 1.0520, 13.9800**, and the grayscale version is **37.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **82.0300, -0.6850, -15.1250**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **35.2040, -1.2350, -16.1710**, and if you desaturate by 10%, it is **38.1380, -0.8690, -11.7890**.

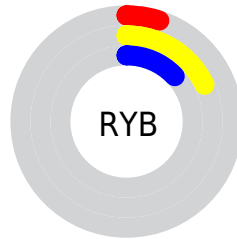
Distribution



Red (11%)

Green (18%)

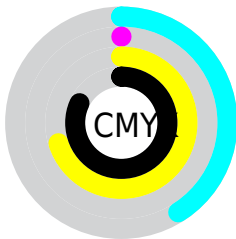
Blue (5%)



Red (5%)

Yellow (18%)

Blue (13%)

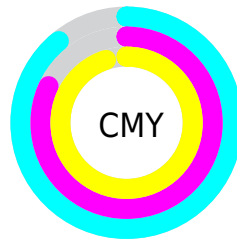


Cyan (41%)

Magenta (0%)

Yellow (70%)

Black (82%)



Cyan (89%)

Magenta (82%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 36.6710, -1.0520, -13.9800 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 36.6710, -1.0520, -13.9800 by changing the saturation by 10% instead.

■ 36.6710, -1.0520,
-13.9800

■ 36.6710, -1.0520,
-13.9800

■ 253.1760, 5.1360,
-4.9760

■ 15.2620, -7.1500,
-13.5980

■ 82.0300, -0.6850,
-15.1250

■ 0.0000, 0.0000,
0.0000

■ 106.5030, -0.6390,
-15.9590

■ 131.5030, -0.6390,
-15.9590

■ 157.9760, -0.5930,
-16.7930

■ 184.8620, -0.2720,
-17.1040

■ 212.4490, -0.5470,

-17.6270

■ 240.9220, -0.5010,
-18.4610

■ 36.6710, -1.0520,
-13.9800

■ 36.6710, -1.0520,
-13.9800

■ 35.2040, -1.2350,
-16.1710

■ 38.1380, -0.8690,
-11.7890

■ 34.1500, -1.1430,
-17.8390

■ 39.1920, -0.9610,
-10.1210

■ 32.6830, -1.3260,
-20.0300

■ 40.6590, -0.7780,
-7.9300

■ 42.0120, -0.2740,
-6.0500

■ 43.4790, -0.0910,
-3.8590

■ 44.6470, -0.5040,
-1.8800

■ 46.0000, 0.0000,
-0.0000

■ 47.4670, 0.1830,
2.1910

■ 48.8200, 0.6870,
4.0710

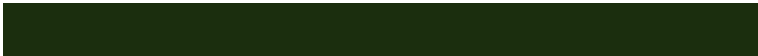
Harmonies

Analogous

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



38.4510, 14.3070, -11.4930



36.6710, -1.0520, -13.9800



31.4820, -22.5090, -16.0850

Triad

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



36.6710, -1.0520, -13.9800



35.2100, -35.7620, -1.6660



40.5950, 23.6100, 12.6500

Complementary

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



36.6710, -1.0520, -13.9800



23.3290, 1.0520, 13.9800

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.



41.9130, 14.0270, 15.6190



36.6710, -1.0520, -13.9800



38.3690, -22.7880, 5.5000

Square

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



36.6710, -1.0520, -13.9800



35.2440, -33.1020, -5.8220



42.1330, -1.3320, 13.1320



40.3360, 25.5370, 5.2570

Rectangle

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



36.6710, -1.0520, -13.9800



33.4370, -26.6360, -12.8760



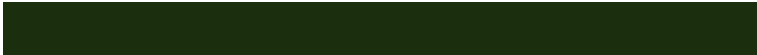
42.1330, -1.3320, 13.1320



40.9800, 21.0880, 14.3040

Sweetspot

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



36.6710, -1.0520, -13.9800



55.1260, -0.5950, -5.7390



34.7210, 13.8470, -3.1530



28.5930, -0.4120, -3.5480



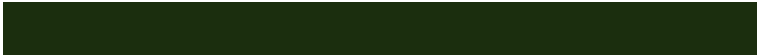
158.0000, -0.0000, 0.0000



31.0000, -0.0000, -0.0000

Same Dimension

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



36.6710, -1.0520, -13.9800



44.7430, -1.5550, -21.3870



33.1260, -9.7630, -15.8030



22.4730, 0.0460, -0.8340



61.5340, -3.0650, -38.0810



151.6310, -6.9980, -93.4780

Inverse Universe

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



23.3290, 1.0520, 13.9800



24.2570, 1.5550, 21.3870



26.8740, 9.7630, 15.8030



21.5270, -0.0460, 0.8340



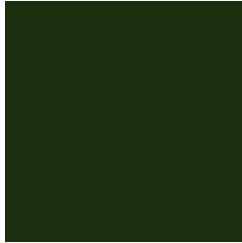
25.4660, 3.0650, 38.0810



62.3690, 6.9980, 93.4780

Previews

White Background



This preview shows how the YIQ color 36.6710, -1.0520, -13.9800 looks on a white background.

Color Contrast Check

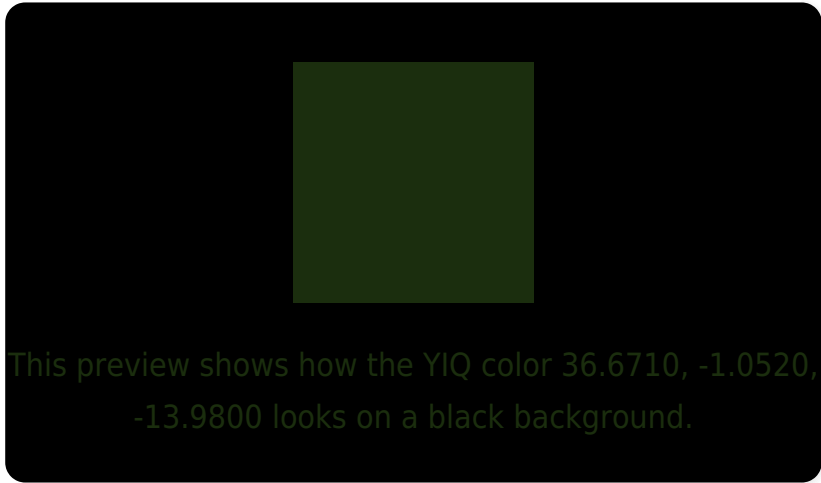
Large Text (above 18pt) WCAG AA ✓ Pass

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

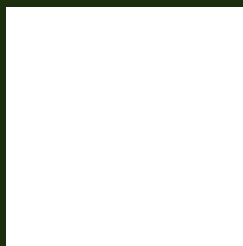
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 36.6710, -1.0520, -13.9800

Background



This preview shows how black text looks on a background with the YIQ color 36.6710, -1.0520, -13.9800.



This preview shows how white text looks on a background with the YIQ color 36.6710, -1.0520,

-13.9800.

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

36.6710, -1.0520, -13.9800

Protanopia

39.3030, 11.9680, -7.6480

Deuteranopia

39.9660, 14.5350, -4.6090



Tritanopia

40.0530, -7.5190, -1.3990

Trichromacy



Original Color

36.6710, -1.0520, -13.9800

Protanomaly

38.3840, 7.2460, -10.1780

Deuteranomaly

38.9220, 8.6670, -8.3970

Tritanomaly

38.6740, -5.1340, -6.0780

Monochromacy



Original Color

36.6710, -1.0520, -13.9800

Achromatopsia

37.0000, -0.0000, 0.0000

Achromatomaly

36.6530, -0.6410, -4.9050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 36.6710, -1.0520, -13.9800 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(27, 46, 14)` looks like.

```
.text, #text, p{  
    color:rgb(27, 46, 14)  
}
```

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(27, 46, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 46, 14) }
```

Border

The CSS property to change the border of an element to YIQ 36.6710, -1.0520, -13.9800 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(27, 46, 14) }
```


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

```
.border{ border-color:rgb(27, 46, 14) }
```

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

Here you see how a box with a 4 pixel rgb(27, 46, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 46, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 46, 14);  
box-shadow:4px 4px 4px 4px rgb(27, 46, 14)  
}
```

Background

The CSS property to change the background color of an element to YIQ 36.6710, -1.0520, -13.9800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 46, 14) }
```

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

```
.background{ background-color: rgb(27, 46,  
14) }
```

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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