

Converting Colors

YIQ(37.3030, -14.3950, -8.9470)

Have a look what the booklet for
YIQ(37.3030, -14.3950, -8.9470)
contains.

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Color

**YIQ(37.3030, -14.3950,
-8.9470)**

Conversions

Conversions Part 1

Format	Color
Hex	122F26
RGB	18, 47, 38
RGB Percent	7%, 18%, 15%
CMY	0.9295, 0.8156, 0.8510
CMYK	0.62, 0.00, 0.19, 0.82
HSL	161°, 45%, 13%
HSV	161°, 62%, 18%
XYZ	1.6157, 2.3023, 2.1919
YIQ	37.3030, -14.3950, -8.9470

Conversions

Conversions Part 2

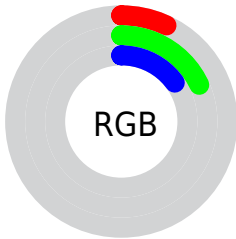
Format	Color
RYB	18, 35, 47
Decimal	1191718
CIELab	17.00, -13.68, 2.49
CIELCh	17, 13.902, 169.682
Yxy	2.3023, 0.2644, 0.3768
Android (android.graphics.Color)	4279381798 (0xFF122F26)
YUV	37.3030, 0.3436, -16.9287
Hunter-Lab	15.1733, -7.5454, 2.0565

Details

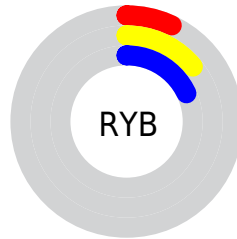
The YIQ color **37.3030, -14.3950, -8.9470** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **27.6970, 14.3950, 8.9470**, and the grayscale version is **37.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **82.8900, -14.6700, -9.4700**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **35.6940, -17.0540, -10.3180**, and if you desaturate by 10%, it is **38.9120, -11.7360, -7.5760**.

Distribution



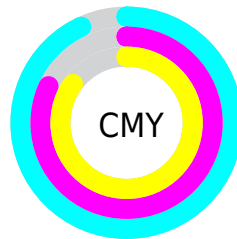
- Red (7%)
- Green (18%)
- Blue (15%)



- Red (7%)
- Yellow (14%)
- Blue (18%)



- Cyan (62%)
- Magenta (0%)
- Yellow (19%)
- Black (82%)



- Cyan (93%)
- Magenta (82%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 37.3030, -14.3950, -8.9470 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 37.3030, -14.3950, -8.9470 by changing the saturation by 10% instead.

■ 37.3030, -14.3950,
-8.9470

■ 37.3030, -14.3950,
-8.9470

■ 252.9070, -4.1720,
-1.4840

■ 17.7870, -12.8820,
-8.8340

■ 82.8900, -14.6700,
-9.4700

■ 0.0000, 0.0000,
0.0000

■ 107.4770,
-14.9450, -9.9930


■ 133.0640,
-15.2200, -10.5160


■ 158.7650,
-15.8160, -10.7280


■ 185.7650,
-15.8160, -10.7280


■ 213.4660,


-16.4120, -10.9400


 242.0530,
-16.6870, -11.4630


 37.3030, -14.3950,
-8.9470


 37.3030, -14.3950,
-8.9470


 35.6940, -17.0540,
-10.3180


 38.9120, -11.7360,
-7.5760


 34.2700, -18.7960,
-11.7880


 40.3360, -9.9940,
-6.1060

 32.6610, -21.4550,
-13.1590

 41.9450, -7.3350,
-4.7350

 31.2370, -23.1970,
-14.6290

 43.6680, -4.9970,
-3.0530

 44.9780, -2.9340,
-1.8940

■ 46.7010, -0.5960,
-0.2120

■ 48.3100, 2.0630,
1.1590

■ 50.0330, 4.4010,
2.8410

■ 51.3430, 6.4640,
4.0000

Harmonies

Analogous

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



39.5770, -3.4830, -8.4670



37.3030, -14.3950, -8.9470



34.8550, -24.7570, -8.3810

Triad

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



37.3030, -14.3950, -8.9470



42.3830, -8.2080, 5.5840



42.4380, 16.3220, 1.5540

Complementary

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



37.3030, -14.3950, -8.9470



27.6970, 14.3950, 8.9470

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.



42.3010, 15.4500, 6.3460



37.3030, -14.3950, -8.9470



43.2380, 2.5660, 8.5660

Square

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



37.3030, -14.3950, -8.9470



39.3600, -18.5690, 0.6230



43.4300, 10.7730, 8.5090



41.5360, 12.9300, -3.0540

Rectangle

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



37.3030, -14.3950, -8.9470



35.2400, -27.2790, -6.7270



43.4300, 10.7730, 8.5090



42.4920, 16.2300, 3.2220

Sweetspot

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



37.3030, -14.3950, -8.9470



57.3690, -5.5930, -3.2650



37.7140, -2.6110, -13.2590



28.5650, -3.2090, -2.4170



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.



37.3030, -14.3950, -8.9470



45.9490, -22.3260, -13.8940



35.3940, -15.9090, -3.5330



22.2880, -0.8710, -0.7350



57.9090, -43.1850, -26.8410



142.4900, -106.3580, -65.8940

Inverse Universe

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



27.6970, 14.3950, 8.9470



31.0510, 22.3260, 13.8940



29.6060, 15.9090, 3.5330



21.5980, 1.1920, 0.4240



29.0910, 43.1850, 26.8410



71.6240, 106.0370, 66.2050

Previews

White Background



This preview shows how the YIQ color 37.3030, -14.3950, -8.9470 looks on a white background.

Color Contrast Check

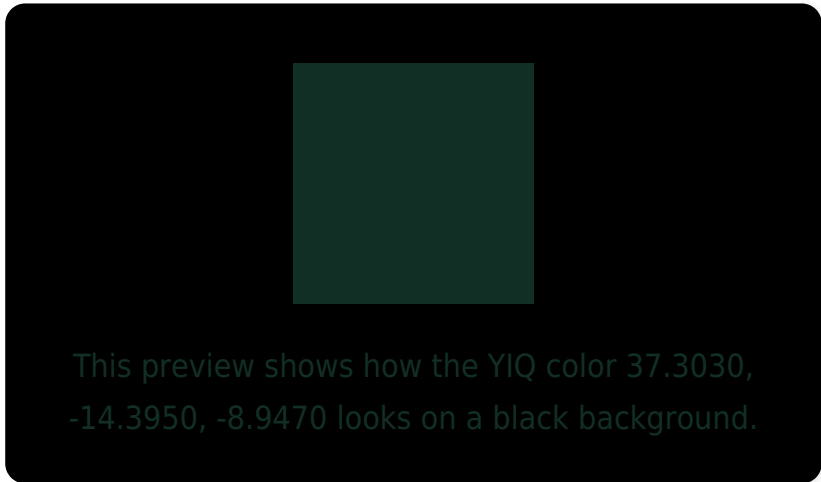
Large Text (above 18pt) WCAG AA ✓ Pass

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

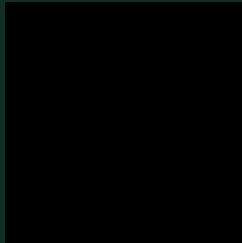
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 37.3030, -14.3950, -8.9470

Background



This preview shows how black text looks on a background with the YIQ color 37.3030, -14.3950, -8.9470.



This preview shows how white text looks on a background with the YIQ color 37.3030, -14.3950,

-8.9470.

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

37.3030, -14.3950, -8.9470

Protanopia

41.8000, 3.4390, -1.7530

Deuteranopia

41.9790, 4.4930, 1.1730



Tritanopia

38.5790, -14.9920, -3.6320

Trichromacy



Original Color

37.3030, -14.3950, -8.9470

Protanomaly

40.3970, -2.7960, -4.3960

Deuteranomaly

40.4510, -2.8880, -2.7280

Tritanomaly

38.4110, -14.5790, -5.6110

Monochromacy



Original Color

37.3030, -14.3950, -8.9470

Achromatopsia

37.0000, -0.0000, 0.0000

Achromatomaly

37.2550, -5.2720, -3.5760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 37.3030, -14.3950, -8.9470 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(18, 47, 38)` looks like.

```
.text, #text, p{  
    color:rgb(18, 47, 38)  
}
```

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(18, 47, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 47, 38) }
```

Border

The CSS property to change the border of an element to YIQ 37.3030, -14.3950, -8.9470 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(18, 47, 38) }
```


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

```
.border{ border-color:rgb(18, 47, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 47, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 47, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 47, 38);  
box-shadow:4px 4px 4px 4px rgb(18, 47, 38)  
}
```

Background

The CSS property to change the background color of an element to YIQ 37.3030, -14.3950, -8.9470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 47, 38) }
```

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

```
.background{ background-color: rgb(18, 47,  
38) }
```

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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