

Converting Colors

YIQ(38.5420, 12.7930, -6.0790)

Have a look what the booklet for
YIQ(38.5420, 12.7930, -6.0790)
contains.

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Color

**YIQ(38.5420, 12.7930,
-6.0790)**

Conversions

Conversions Part 1

Format	Color
Hex	2F270E
RGB	47, 39, 14
RGB Percent	18%, 15%, 5%
CMY	0.8157, 0.8471, 0.9450
CMYK	0.00, 0.17, 0.70, 0.82
HSL	45°, 54%, 12%
HSV	45°, 70%, 18%
XYZ	1.9771, 2.0869, 0.7147
YIQ	38.5420, 12.7930, -6.0790

Conversions

Conversions Part 2

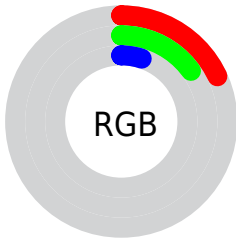
Format	Color
RYB	25, 47, 14
Decimal	3090190
CIELab	15.94, -0.15, 17.25
CIELCh	16, 17.255, 90.495
Yxy	2.0869, 0.4137, 0.4367
Android (android.graphics.Color)	4281280270 (0xFF2F270E)
YUV	38.5420, -12.0992, 7.4177
Hunter-Lab	14.4462, -0.8511, 7.1790

Details

The YIQ color **38.5420, 12.7930, -6.0790** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **22.4580, -12.7930, 6.0790**, and the grayscale version is **39.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **83.9120, 14.6270, -6.2770**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **37.3850, 14.6730, -7.1110**, and if you desaturate by 10%, it is **39.6990, 10.9130, -5.0470**.

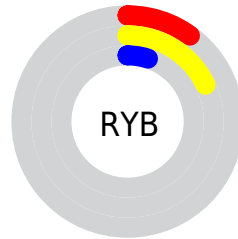
Distribution



Red (18%)

Green (15%)

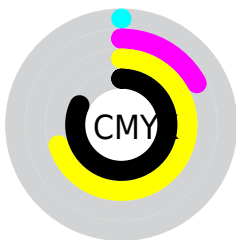
Blue (5%)



Red (10%)

Yellow (18%)

Blue (5%)

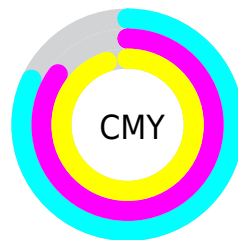


Cyan (0%)

Magenta (17%)

Yellow (70%)

Black (82%)



Cyan (82%)

Magenta (85%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 38.5420, 12.7930, -6.0790 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 38.5420, 12.7930, -6.0790 by changing the saturation by 10% instead.

■ 38.5420, 12.7930,
-6.0790

■ 38.5420, 12.7930,
-6.0790

■ 253.0620, 5.4570,
-5.2870

■ 18.9270, 10.2710,
-4.4250

■ 83.9120, 14.6270,
-6.2770

■ 0.0000, 0.0000,
0.0000

■ 108.0970, 15.5440,
-6.3760

■ 133.2820, 16.4610,
-6.4750

■ 159.4670, 17.3780,
-6.5740

■ 186.7660, 17.9740,
-6.3620

■ 214.5380, 18.6160,

-6.9840

■ 242.2390, 18.0200,
-7.1960

■ 38.5420, 12.7930,
-6.0790

■ 38.5420, 12.7930,
-6.0790

■ 37.3850, 14.6730,
-7.1110

■ 39.6990, 10.9130,
-5.0470

■ 36.3420, 16.2320,
-7.8320

■ 40.7420, 9.3540,
-4.3260

■ 35.1850, 18.1120,
-8.8640

■ 41.8990, 7.4740,
-3.2940

■ 43.6430, 5.3190,
-2.7850

■ 44.8000, 3.4390,
-1.7530

■ 45.8430, 1.8800,
-1.0320

■ 47.0000, 0.0000,
0.0000

■ 48.1570, -1.8800,
1.0320

■ 49.2000, -3.4390,
1.7530

Harmonies

Analogous

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



39.6400, 18.5690, -0.6230



38.5420, 12.7930, -6.0790



37.4590, 2.6610, -9.6830

Triad

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



38.5420, 12.7930, -6.0790



32.9300, -29.3420, -7.8860



41.1570, 7.2880, 11.0960

Complementary

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



38.5420, 12.7930, -6.0790



22.4580, -12.7930, 6.0790

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.



40.3450, -5.0450, 8.8350



38.5420, 12.7930, -6.0790



32.7820, -31.6810, -4.0410

Square

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



38.5420, 12.7930, -6.0790



31.4480, -25.1690, -11.9290



37.0440, -20.4950, 2.4890



40.7080, 15.8620, 9.8940

Rectangle

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



38.5420, 12.7930, -6.0790



36.0390, -4.9040, -10.2480



37.0440, -20.4950, 2.4890



40.8900, 3.6660, 10.6580

Sweetspot

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



38.5420, 12.7930, -6.0790



57.7570, 4.9980, -2.4740



24.7790, 17.1000, 9.4840



28.9140, 3.1180, -1.4420



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.



38.5420, 12.7930, -6.0790



48.1420, 19.6710, -9.5850



40.8460, 5.8250, -11.9590



22.1850, 0.9170, -0.0990



64.7550, 33.7020, -16.0740



159.0800, 82.9940, -39.3580

Inverse Universe

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



22.4580, -12.7930, 6.0790



22.8580, -19.6710, 9.5850



20.1540, -5.8250, 11.9590



21.2280, -0.6420, 0.6220



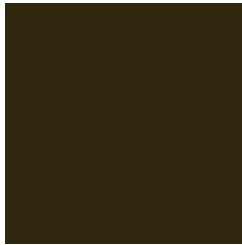
22.2450, -33.7020, 16.0740



54.9200, -82.9940, 39.3580

Previews

White Background



This preview shows how the YIQ color 38.5420, 12.7930, -6.0790 looks on a white background.

Color Contrast Check

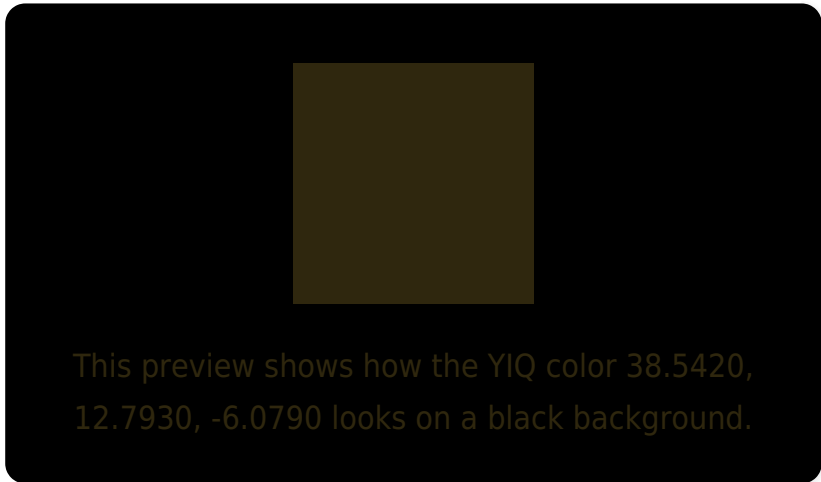
Large Text (above 18pt) WCAG AA ✓ Pass

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

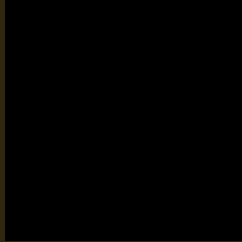
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 38.5420, 12.7930, -6.0790

Background



This preview shows how black text looks on a background with the YIQ color 38.5420, 12.7930, -6.0790.



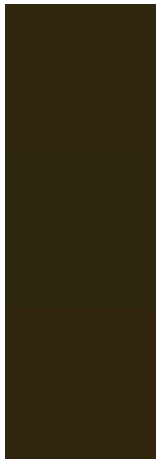
This preview shows how white text looks on a background with the YIQ color 38.5420, 12.7930, -6.0790.

-6.0790.

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

38.5420, 12.7930, -6.0790

Protanopia

38.5310, 11.3260, -7.0260

Deuteranopia

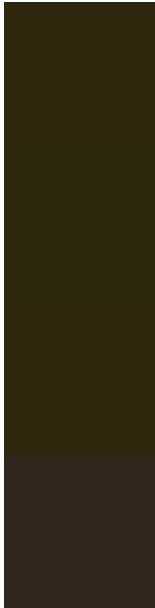
38.8520, 14.8560, -4.9200



Tritanopia

40.8160, 6.5100, 3.1660

Trichromacy



Original Color

38.5420, 12.7930, -6.0790

Protanomaly

38.8300, 11.9220, -6.8140

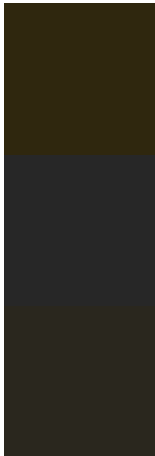
Deuteranomaly

38.5530, 14.2600, -5.1320

Tritanomaly

40.0780, 8.5280, -0.3680

Monochromacy



Original Color

38.5420, 12.7930, -6.0790

Achromatopsia

39.0000, -0.0000, -0.0000

Achromatomaly

38.8710, 4.6770, -2.1630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 38.5420, 12.7930, -6.0790 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(47, 39, 14)` looks like.

```
.text, #text, p{  
    color:rgb(47, 39, 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(47, 39, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 39, 14) }
```

Border

The CSS property to change the border of an element to YIQ 38.5420, 12.7930, -6.0790 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(47, 39, 14) }
```


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

```
.border{ border-color:rgb(47, 39, 14) }
```

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

Here you see how a box with a 4 pixel rgb(47, 39, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 39, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 39, 14);  
box-shadow:4px 4px 4px 4px rgb(47, 39, 14)  
}
```

Background

The CSS property to change the background color of an element to YIQ 38.5420, 12.7930, -6.0790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 39, 14) }
```

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

```
.background{ background-color: rgb(47, 39,  
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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