

Converting Colors

YIQ(77.4170, 28.8420, -16.1020)

Have a look what the booklet for
YIQ(77.4170, 28.8420, -16.1020)
contains.

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Color

**YIQ(77.4170, 28.8420,
-16.1020)**

Conversions

Conversions Part 1

Format	Color
Hex	5F5012
RGB	95, 80, 18
RGB Percent	37%, 31%, 7%
CMY	0.6275, 0.6863, 0.9292
CMYK	0.00, 0.16, 0.81, 0.63
HSL	48°, 68%, 22%
HSV	48°, 81%, 37%
XYZ	7.6969, 8.2130, 1.7536
YIQ	77.4170, 28.8420, -16.1020

Conversions

Conversions Part 2

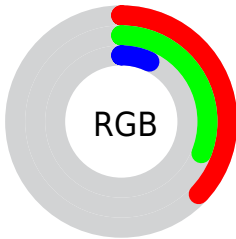
Format	Color
R_YB	37, 95, 18
Decimal	6246418
CIE Lab	34.42, -1.02, 36.43
CIE LCh	34, 36.442, 91.603
Yxy	8.2130, 0.4358, 0.4650
Android (android.graphics.Color)	4284436498 (0xFF5F5012)
YUV	77.4170, -29.2926, 15.4203
Hunter-Lab	28.6584, -2.2115, 16.4328

Details

The YIQ color **77.4170, 28.8420, -16.1020** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **35.5830, -28.8420, 16.1020**, and the grayscale version is **78.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **127.4990, 31.5470, -15.5650**, and **34.5870, 16.9200, -9.2880** is the 20% darker color. If you saturate the color by 10%, you get **75.2170, 32.2810, -17.8550**, and if you desaturate by 10%, it is **79.7310, 25.0820, -14.0380**.

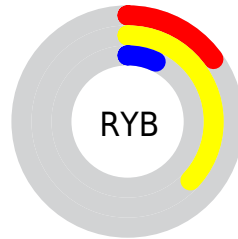
Distribution



Red (37%)

Green (31%)

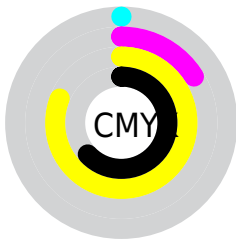
Blue (7%)



Red (15%)

Yellow (37%)

Blue (7%)

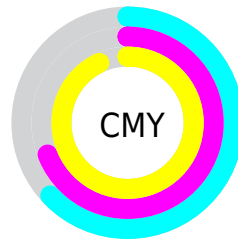


Cyan (0%)

Magenta (16%)

Yellow (81%)

Black (63%)



Cyan (63%)

Magenta (69%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 77.4170, 28.8420, -16.1020 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 77.4170, 28.8420, -16.1020 by changing the saturation by 10% instead.

■ 77.4170, 28.8420,
-16.1020

■ 77.4170, 28.8420,
-16.1020

■ 254.7720, 0.6420,
-0.6220

■ 54.3890, 26.0450,
-14.9710

■ 127.4990, 31.5470,
-15.5650

■ 34.5870, 16.9200,
-9.2880

■ 153.8690, 33.3810,
-15.7630

■ 14.4860, 7.1990,
-3.8170

■ 181.0540, 34.2980,
-15.8620

■ 0.0000, 0.0000,
0.0000

■ 208.5380, 35.8110,
-15.7490

■ 234.6300, 32.5560,
-17.3320

■ 248.2740, 18.9390,

-18.3490

■ 251.4660, 9.9510,
-9.6410

■ 77.4170, 28.8420,
-16.1020

■ 77.4170, 28.8420,
-16.1020

■ 75.2170, 32.2810,
-17.8550

■ 79.7310, 25.0820,
-14.0380

■ 73.0170, 35.7200,
-19.6080

■ 81.9310, 21.6430,
-12.2850

■ 84.2450, 17.8830,
-10.2210

■ 85.8580, 14.7190,
-7.9450

■ 88.1720, 10.9590,
-5.8810

■ 90.3720, 7.5200,
-4.1280

■ 92.6860, 3.7600,
-2.0640

■ 94.8860, 0.3210,
-0.3110

■ 97.2000, -3.4390,
1.7530

Harmonies

Analogous

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



79.0910, 42.0440, -2.0520



77.4170, 28.8420, -16.1020



74.5820, 6.1480, -23.3240

Triad

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



77.4170, 28.8420, -16.1020



67.8320, -61.4810, -14.6410



83.2160, 17.9680, 26.8000

Complementary

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



77.4170, 28.8420, -16.1020



35.5830, -28.8420, 16.1020

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.



82.7870, -11.7410, 20.0590



77.4170, 28.8420, -16.1020



68.4650, -67.3970, -6.5410

Square

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



77.4170, 28.8420, -16.1020



65.1130, -52.4470, -24.1830



68.1440, -61.7590, 1.4170



80.6990, 38.4170, 25.1450

Rectangle

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



77.4170, 28.8420, -16.1020



70.8660, -15.2630, -26.2630



68.1440, -61.7590, 1.4170



83.1980, 9.2110, 25.8110

Sweetspot

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



77.4170, 28.8420, -16.1020



115.7590, 10.6840, -6.4040



42.7330, 41.0770, 20.9890



57.1870, 6.6030, -4.0290



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



77.4170, 28.8420, -16.1020



95.0470, 44.2030, -24.6690



79.3450, 11.0090, -28.8230



47.5440, 1.2840, -1.2440



86.3180, 42.0020, -23.3260



185.0510, 89.9650, -50.0590

Inverse Universe

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



35.5830, -28.8420, 16.1020



30.9530, -44.2030, 24.6690



33.6550, -11.0090, 28.8230



45.0430, -1.5590, 0.7210



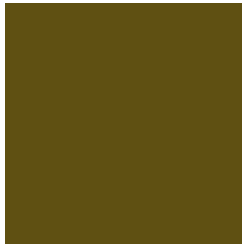
25.6820, -42.0020, 23.3260



54.9490, -89.9650, 50.0590

Previews

White Background



This preview shows how the YIQ color 77.4170, 28.8420, -16.1020 looks on a white background.

Color Contrast Check

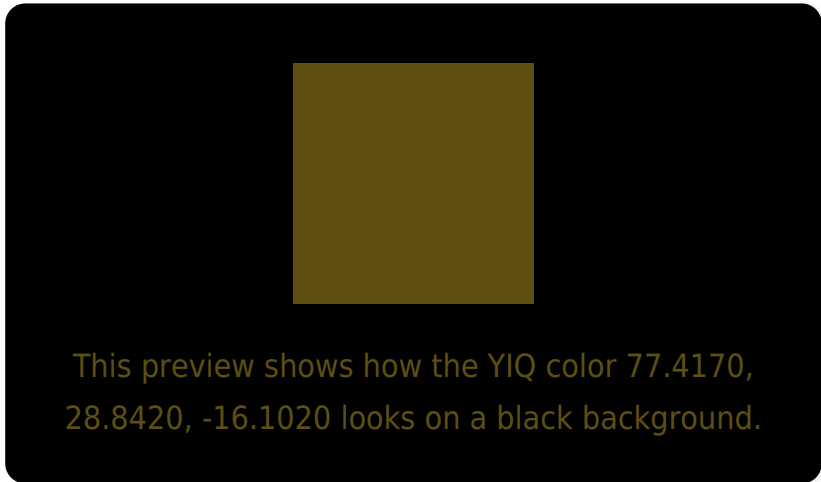
Large Text (above 18pt) WCAG AA ✓ Pass

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

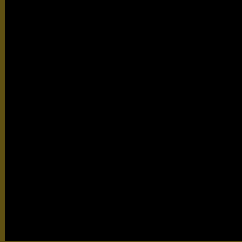
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 77.4170, 28.8420, -16.1020

Background



This preview shows how black text looks on a background with the YIQ color 77.4170, 28.8420, -16.1020.



This preview shows how white text looks on a background with the YIQ color 77.4170, 28.8420,

-16.1020.

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

77.4170, 28.8420, -16.1020

Protanopia

76.8080, 26.1830, -17.4730

Deuteranopia

77.9770, 33.1970, -12.4270



Tritanopia

82.7460, 12.6990, 6.6430

Trichromacy



Original Color

77.4170, 28.8420, -16.1020

Protanomaly

77.1070, 26.7790, -17.2610

Deuteranomaly

77.5530, 31.4550, -13.8970

Tritanomaly

80.9990, 18.9360, -1.7680

Monochromacy



Original Color

77.4170, 28.8420, -16.1020

Achromatopsia

77.0000, -0.0000, -0.0000

Achromatomaly

77.2860, 10.6380, -5.5700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.4170, 28.8420, -16.1020 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(95, 80, 18)` looks like.

```
.text, #text, p{  
    color:rgb(95, 80, 18)  
}
```

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(95, 80, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 80, 18) }
```

Border

The CSS property to change the border of an element to YIQ 77.4170, 28.8420, -16.1020 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(95, 80, 18) }
```


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

```
.border{ border-color:rgb(95, 80, 18) }
```

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

Here you see how a box with a 4 pixel rgb(95, 80, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 80, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 80, 18);  
box-shadow:4px 4px 4px 4px rgb(95, 80, 18)  
}
```

Background

The CSS property to change the background color of an element to YIQ 77.4170, 28.8420, -16.1020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 80, 18) }
```

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

```
.background{ background-color: rgb(95, 80,  
18) }
```

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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