

Converting Colors

YIQ(118.1310, 61.7620,
-17.9980)

Have a look what the booklet for
YIQ(118.1310, 61.7620, -17.9980)
contains.

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Color

**YIQ(118.1310, 61.7620,
-17.9980)**

Conversions

Conversions Part 1

Format	Color
Hex	A67113
RGB	166, 113, 19
RGB Percent	65%, 44%, 7%
CMY	0.3490, 0.5569, 0.9252
CMYK	0.00, 0.32, 0.89, 0.35
HSL	38°, 79%, 36%
HSV	38°, 89%, 65%
XYZ	21.7504, 19.9614, 3.3263
YIQ	118.1310, 61.7620, -17.9980

Conversions

Conversions Part 2

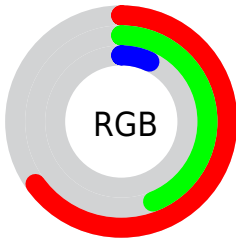
Format	Color
R_{YB}	102, 166, 19
Decimal	10907923
CIE _{Lab}	51.79, 13.62, 54.36
CIE _{LCh}	52, 56.043, 75.939
Yxy	19.9614, 0.4829, 0.4432
Android (android.graphics.Color)	4289098003 (0xFFA67113)
YUV	118.1310, -48.8716, 41.9811
Hunter-Lab	44.6782, 8.7111, 26.8606

Details

The YIQ color **118.1310, 61.7620, -17.9980** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **66.8690, -61.7620, 17.9980**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **172.5660, 64.9710, -15.5810**, and **70.7460, 47.0890, -10.8870** is the 20% darker color. If you saturate the color by 10%, you get **112.6710, 68.8690, -20.1470**, and if you desaturate by 10%, it is **123.5910, 54.6550, -15.8490**.

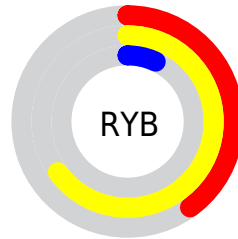
Distribution



Red (65%)

Green (44%)

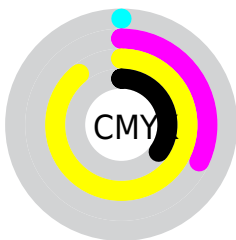
Blue (7%)



Red (40%)

Yellow (65%)

Blue (7%)

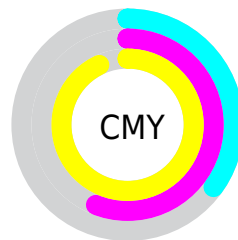


Cyan (0%)

Magenta (32%)

Yellow (89%)

Black (35%)



Cyan (35%)

Magenta (56%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.1310, 61.7620, -17.9980 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 118.1310, 61.7620, -17.9980 by changing the saturation by 10% instead.

■ 118.1310, 61.7620,
-17.9980

■ 118.1310, 61.7620,
-17.9980

■ 255.0000, -0.0000,
-0.0000

■ 93.2060, 57.1770,
-17.5030

■ 172.5660, 64.9710,
-15.5810

■ 70.7460, 47.0890,
-10.8870

■ 200.3490, 67.0800,
-15.2560

■ 49.4600, 36.4510,
-5.3170

■ 219.7490, 51.0340,
-21.8140

■ 29.6470, 25.8590,
-0.5810

■ 239.2630, 34.6670,
-28.0610

■ 9.2690, 18.4760,
6.5720

■ 246.5640, 23.7540,
-23.0140

■ 0.0000, 0.0000,
0.0000

■ 249.7560, 14.7660,

-14.3060

■ 253.0620, 5.4570,
-5.2870

■ 118.1310, 61.7620,
-17.9980

■ 118.1310, 61.7620,
-17.9980

■ 112.6710, 68.8690,
-20.1470

■ 123.5910, 54.6550,
-15.8490

■ 111.8560, 69.7860,
-20.2460

■ 128.9370, 47.8690,
-14.0110

■ 134.3970, 40.7620,
-11.8620

■ 139.7430, 33.9760,
-10.0240

■ 145.2030, 26.8690,
-7.8750

■ 150.6630, 19.7620,
-5.7260

■ 156.0090, 12.9760,
-3.8880

■ 161.4690, 5.8690,
-1.7390

■ 166.9290, -1.2380,
0.4100

Harmonies

Analogous

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



119.8780, 73.8610, 10.5410



118.1310, 61.7620, -17.9980



114.0960, 33.3390, -37.0370

Triad

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



118.1310, 61.7620, -17.9980



102.5740, -87.6580, -30.3300



127.1290, 5.6320, 41.1200

Complementary

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



118.1310, 61.7620, -17.9980



66.8690, -61.7620, 17.9980

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.



117.7880, -57.0400, 20.5280



118.1310, 61.7620, -17.9980



105.8290, -100.9570, -15.0770

Square

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



118.1310, 61.7620, -17.9980



96.2870, -71.3330, -45.3570



103.9830, -106.7820, -3.1180



123.3330, 49.0960, 46.3760

Rectangle

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



118.1310, 61.7620, -17.9980



110.4760, 2.8500, -40.6540



103.9830, -106.7820, -3.1180



126.2130, -12.3400, 36.4280

Sweetspot

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



118.1310, 61.7620, -17.9980



197.9470, 24.7140, -7.3660



69.1090, 70.2780, 47.9580



98.3790, 14.8100, -4.0860



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



118.1310, 61.7620, -17.9980



146.4760, 91.1070, -26.6930



143.2620, 35.2670, -49.9570



81.3270, 3.3930, -0.9190



100.0170, 62.0830, -18.3090



13.6110, 8.3450, -2.5590

Inverse Universe

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



66.8690, -61.7620, 17.9980



70.5240, -91.1070, 26.6930



41.7380, -35.2670, 49.9570



78.6730, -3.3930, 0.9190



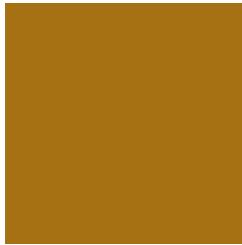
47.9830, -62.0830, 18.3090



6.3890, -8.3450, 2.5590

Previews

White Background



This preview shows how the YIQ color 118.1310, 61.7620, -17.9980 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 118.1310, 61.7620, -17.9980 looks on a black 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 × Fail

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

YIQ 118.1310, 61.7620, -17.9980

Background



This preview shows how black text looks on a background with the YIQ color 118.1310, 61.7620, -17.9980.



This preview shows how white text looks on a background with the YIQ color 118.1310, 61.7620, -17.9980.

-17.9980.

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

118.1310, 61.7620, -17.9980

Protanopia

117.1560, 42.2780, -28.3300

Deuteranopia

117.3320, 56.5820, -23.2420



Tritanopia

125.6460, 36.7680, 16.4800

Trichromacy



Original Color

118.1310, 61.7620, -17.9980

Protanomaly

117.3850, 49.0630, -24.6410

Deuteranomaly

117.7560, 58.3240, -21.7720

Tritanomaly

122.9330, 45.6650, 3.9130

Monochromacy



Original Color

118.1310, 61.7620, -17.9980

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

117.8050, 22.2380, -6.5460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.1310, 61.7620, -17.9980 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(166, 113, 19)` looks like.

```
.text, #text, p{  
    color:rgb(166, 113, 19)  
}
```

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(166, 113, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 113, 19) }
```

Border

The CSS property to change the border of an element to YIQ 118.1310, 61.7620, -17.9980 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(166, 113, 19) }
```


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

```
.border{ border-color:rgb(166, 113, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 113, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 113, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 113, 19);  
box-shadow:4px 4px 4px 4px rgb(166, 113,  
19) }
```

Background

The CSS property to change the background color of an element to YIQ 118.1310, 61.7620, -17.9980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 113, 19) }
```

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

```
.background{ background-color: rgb(166,  
113, 19) }
```

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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