

Converting Colors

YIQ(108.2820, 61.1600, 14.9520)

Have a look what the booklet for
YIQ(108.2820, 61.1600, 14.9520)
contains.

YIQ(108.2820, 61.1600, 14.9520)	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(108.2820, 61.1600,
14.9520)**

Conversions

Conversions Part 1

Format	Color
Hex	B05242
RGB	176, 82, 66
RGB Percent	69%, 32%, 26%
CMY	0.3096, 0.6786, 0.7409
CMYK	0.00, 0.53, 0.62, 0.31
HSL	9°, 45%, 47%
HSV	9°, 62%, 69%
XYZ	21.9164, 15.6592, 7.0317
YIQ	108.2820, 61.1600, 14.9520

Conversions

Conversions Part 2

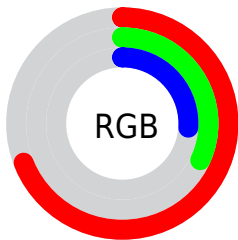
Format	Color
RYB	176, 85, 66
Decimal	11555394
CIELab	46.52, 37.11, 27.56
CIELCh	47, 46.220, 36.602
Yxy	15.6592, 0.4913, 0.3510
Android (android.graphics.Color)	4289745474 (0xFFB05242)
YUV	108.2820, -20.8450, 59.3887
Hunter-Lab	39.5717, 29.6101, 17.1646

Details

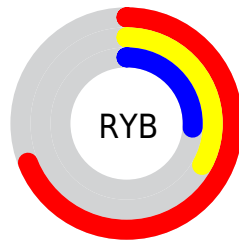
The YIQ color **108.2820, 61.1600, 14.9520** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **133.7180, -61.1600, -14.9520**, and the grayscale version is **108.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **162.2180, 67.2120, 15.4040**, and **56.5740, 54.4660, 15.1220** is the 20% darker color. If you saturate the color by 10%, you get **97.4250, 71.0630, 17.1990**, and if you desaturate by 10%, it is **119.1390, 51.2570, 12.7050**.

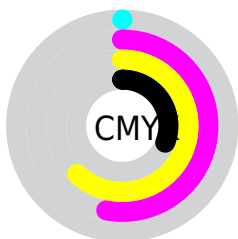
Distribution



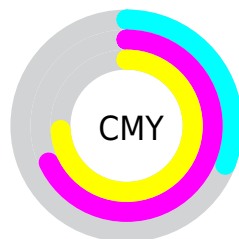
- Red (69%)
- Green (32%)
- Blue (26%)



- Red (69%)
- Yellow (33%)
- Blue (26%)



- Cyan (0%)
- Magenta (53%)
- Yellow (62%)
- Black (31%)



- Cyan (31%)
- Magenta (68%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 108.2820, 61.1600, 14.9520 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 108.2820, 61.1600, 14.9520 by changing the saturation by 10% instead.

■ 108.2820, 61.1600,
14.9520

■ 108.2820, 61.1600,
14.9520

■ 255.0000, -0.0000,
-0.0000

■ 82.4280, 57.8130,
15.0370

■ 162.2180, 67.2120,
15.4040

■ 56.5740, 54.4660,
15.1220

■ 186.7120, 62.7650,
13.3970

■ 27.4970, 53.3650,
18.5570

■ 205.5250, 46.9940,
7.3620

■ 18.5380, 36.9520,
13.1440

■ 225.1530, 30.3060,
1.4260

■ 10.8780, 21.1350,
7.9430

■ 245.3680, 13.3430,
-5.0330

■ 0.0000, 0.0000,
0.0000

■ 254.4300, 1.6050,

-1.5550

■ 108.2820, 61.1600,
14.9520

■ 108.2820, 61.1600,
14.9520

■ 97.4250, 71.0630,
17.1990

■ 119.1390, 51.2570,
12.7050

■ 86.6820, 80.6450,
19.7570

■ 129.8820, 41.6750,
10.1470

■ 75.8250, 90.5480,
22.0040

■ 140.7390, 31.7720,
7.9000

■ 67.2990, 98.0210,
24.2370

■ 151.4820, 22.1900,
5.3420

■ 162.3390, 12.2870,
3.0950

■ 173.1960, 2.3840,
0.8480

■ 183.9390, -7.1980,
-1.7100

■ 194.7960,
-17.1010, -3.9570

■ 206.2400,
-27.2790, -6.7270

Harmonies

Analogous

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



109.2990, 54.4630, 31.7030



108.2820, 61.1600, 14.9520



107.5020, 53.8280, -6.3640

Triad

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



108.2820, 61.1600, 14.9520



83.4410, -59.9630, -42.1630



99.9190, -65.1990, 8.6970

Complementary

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



108.2820, 61.1600, 14.9520



133.7180, -61.1600, -14.9520

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.



92.2480, -91.6510, -7.5150



108.2820, 61.1600, 14.9520



89.1750, -73.3530, -30.7690

Square

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



108.2820, 61.1600, 14.9520



100.5610, 1.4730, -32.2150



92.9200, -85.2760, -18.4280



112.8510, -8.6250, 29.6710

Rectangle

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



108.2820, 61.1600, 14.9520



106.1380, 42.6890, -19.2550



92.9200, -85.2760, -18.4280



89.5240, -92.2480, -2.2000

Sweetspot

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



108.2820, 61.1600, 14.9520



202.6780, 24.5740, 6.1900



109.7200, 35.0650, 52.8650



98.4210, 14.9920, 3.6320



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



108.2820, 61.1600, 14.9520



123.4020, 96.2330, 23.6010



139.9800, 46.3100, -13.2900



83.8650, 4.8140, 0.8620



58.6610, 85.1380, 20.9300



10.1220, 14.3960, 3.4200

Inverse Universe

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



133.7180, -61.1600, -14.9520



163.5980, -96.2330, -23.6010



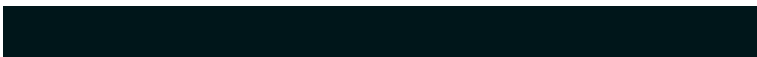
102.0200, -46.3100, 13.2900



85.7220, -5.0890, -1.3850



94.3390, -85.1380, -20.9300



15.8780, -14.3960, -3.4200

Previews

White Background



This preview shows how the YIQ color 108.2820, 61.1600, 14.9520 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 × Fail

Black Background



This preview shows how the YIQ color 108.2820, 61.1600, 14.9520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

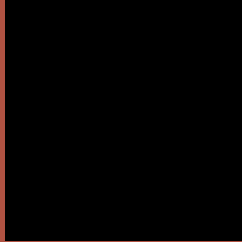
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 108.2820, 61.1600, 14.9520

Background



This preview shows how black text looks on a background with the YIQ color 108.2820, 61.1600, 14.9520.



This preview shows how white text looks on a background with the YIQ color 108.2820, 61.1600,

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

108.2820, 61.1600, 14.9520

Protanopia

109.8150, 16.2780, -8.6660

Deuteranopia

109.6550, 31.4080, -7.5360



Tritanopia

108.9860, 56.4820, 22.6420

Trichromacy



Original Color

108.2820, 61.1600, 14.9520

Protanomaly

108.8820, 32.5070, 0.0830

Deuteranomaly

108.9710, 42.5020, 0.6620

Tritanomaly

108.7750, 58.4540, 19.9420

Monochromacy



Original Color

108.2820, 61.1600, 14.9520

Achromatopsia

108.0000, -0.0000, 0.0000

Achromatomaly

108.4820, 22.1900, 5.3420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 108.2820, 61.1600, 14.9520 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(176, 82, 66)` looks like.

```
.text, #text, p{  
    color:rgb(176, 82, 66)  
}
```

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(176, 82, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 82, 66) }
```

Border

The CSS property to change the border of an element to YIQ 108.2820, 61.1600, 14.9520 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(176, 82, 66) }
```


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

```
.border{ border-color:rgb(176, 82, 66) }
```

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

Here you see how a box with a 4 pixel rgb(176, 82, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 82, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 82, 66);  
box-shadow:4px 4px 4px 4px rgb(176, 82,  
66) }
```

Background

The CSS property to change the background color of an element to YIQ 108.2820, 61.1600, 14.9520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 82, 66) }
```

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

```
.background{ background-color: rgb(176, 82,  
66) }
```

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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