

Converting Colors

YIQ(109.1080, 52.5420, 5.9340)

Have a look what the booklet for
YIQ(109.1080, 52.5420, 5.9340)
contains.

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Color

**YIQ(109.1080, 52.5420,
5.9340)**

Conversions

Conversions Part 1

Format	Color
Hex	A35B3D
RGB	163, 91, 61
RGB Percent	64%, 36%, 24%
CMY	0.3606, 0.6432, 0.7605
CMYK	0.00, 0.44, 0.63, 0.36
HSL	18°, 46%, 44%
HSV	18°, 63%, 64%
XYZ	19.6946, 15.6052, 6.3973
YIQ	109.1080, 52.5420, 5.9340

Conversions

Conversions Part 2

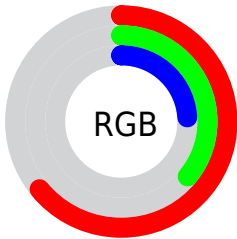
Format	Color
RYB	163, 104, 61
Decimal	10705725
CIELab	46.45, 26.68, 29.92
CIELCh	46, 40.093, 48.277
Yxy	15.6052, 0.4723, 0.3743
Android (android.graphics.Color)	4288895805 (0xFFA35B3D)
YUV	109.1080, -23.7172, 47.2633
Hunter-Lab	39.5034, 19.8611, 18.0508

Details

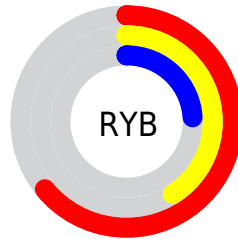
The YIQ color **109.1080, 52.5420, 5.9340** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **114.8920, -52.5420, -5.9340**, and the grayscale version is **109.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **161.8590, 57.6770, 6.4850**, and **59.1720, 46.4900, 5.4820** is the 20% darker color. If you saturate the color by 10%, you get **100.2400, 60.9780, 7.2340**, and if you desaturate by 10%, it is **117.3890, 44.3810, 5.1570**.

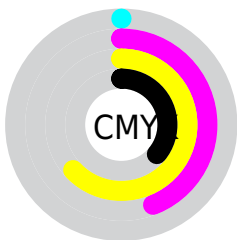
Distribution



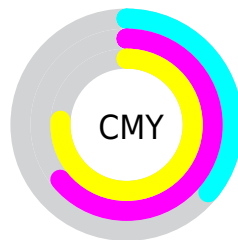
- Red (64%)
- Green (36%)
- Blue (24%)



- Red (64%)
- Yellow (41%)
- Blue (24%)



- Cyan (0%)
- Magenta (44%)
- Yellow (63%)
- Black (36%)





- Cyan (36%)
- Magenta (64%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 109.1080, 52.5420, 5.9340 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 109.1080, 52.5420, 5.9340 by changing the saturation by 10% instead.


 109.1080, 52.5420,
5.9340


 109.1080, 52.5420,
5.9340


255.0000, -0.0000,
-0.0000


 84.1400, 49.5160,
5.7080


 161.8590, 57.6770,
6.4850


 59.1720, 46.4900,
5.4820


 189.6420, 59.7860,
6.8100


 35.6600, 42.1800,
6.5000

 209.6510, 46.3990,
1.6230

 15.8470, 31.5880,
11.2360

 229.1650, 30.0320,
-4.6240

 7.2900, 13.9830,
5.3990

 249.3800, 13.0690,
-11.0830

 0.0000, 0.0000,
0.0000

 253.8600, 3.2100,

-3.1100

■ 109.1080, 52.5420,
5.9340

■ 109.1080, 52.5420,
5.9340

■ 100.2400, 60.9780,
7.2340

■ 117.3890, 44.3810,
5.1570

■ 91.8450, 69.4600,
7.7000

■ 126.3710, 35.6240,
4.1680

■ 82.9770, 77.8960,
9.0000

■ 135.2390, 27.1880,
2.8680

■ 76.9130, 83.9480,
9.4520

■ 143.5200, 19.0270,
2.0910

■ 152.5020, 10.2700,
1.1020

■ 160.7830, 2.1090,
0.3250

■ 169.6510, -6.3270,
-0.9750

■ 177.9320,
-14.4880, -1.7520

■ 186.9140,
-23.2450, -2.7410

Harmonies

Analogous

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



110.2350, 51.3470, 22.0910



109.1080, 52.5420, 5.9340



107.6960, 41.3580, -11.6500

Triad

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



109.1080, 52.5420, 5.9340



84.7920, -65.1450, -36.3530



108.9680, -31.3640, 17.7560

Complementary

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



109.1080, 52.5420, 5.9340



114.8920, -52.5420, -5.9340

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.



89.3300, -88.9460, -6.9780



109.1080, 52.5420, 5.9340



89.3690, -76.6550, -25.9910

Square

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



109.1080, 52.5420, 5.9340



99.7260, -12.0530, -29.3730



90.9140, -85.1390, -15.4030



113.5230, 6.9180, 28.8220

Rectangle

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



109.1080, 52.5420, 5.9340



105.5970, 28.1550, -20.1730



90.9140, -85.1390, -15.4030



105.0690, -48.0060, 10.9860

Sweetspot

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



109.1080, 52.5420, 5.9340



190.3030, 21.1360, 2.4160



99.8200, 37.3590, 44.3270



94.1710, 12.7000, 1.1160



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



109.1080, 52.5420, 5.9340



127.5430, 82.1140, 9.6500



138.4580, 38.7920, -20.2160



77.4520, 4.5390, 0.3390



68.5960, 74.5950, 8.2510



8.3170, 9.3530, 1.2010

Inverse Universe

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



114.8920, -52.5420, -5.9340



136.8700, -81.8390, -9.1270



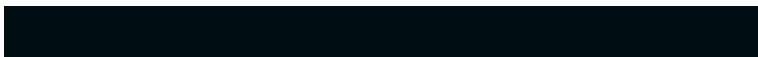
85.5420, -38.7920, 20.2160



77.5480, -4.5390, -0.3390



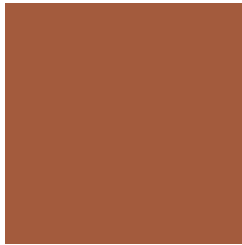
76.9910, -74.8700, -8.7740



9.6830, -9.3530, -1.2010

Previews

White Background



This preview shows how the YIQ color 109.1080, 52.5420, 5.9340 looks on a white background.

Color Contrast Check

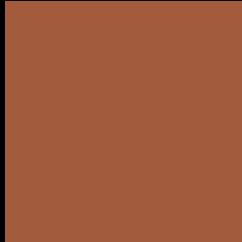
Large Text (above 18pt) WCAG AA ✓ Pass

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 109.1080, 52.5420, 5.9340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

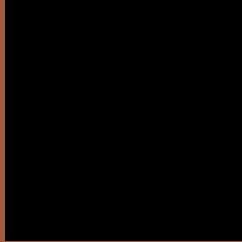
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 109.1080, 52.5420, 5.9340

Background



This preview shows how black text looks on a background with the YIQ color 109.1080, 52.5420, 5.9340.



This preview shows how white text looks on a background with the YIQ color 109.1080, 52.5420,

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

109.1080, 52.5420, 5.9340

Protanopia

109.0880, 19.7630, -11.2530

Deuteranopia

108.9110, 33.5630, -8.0450



Tritanopia

111.0060, 44.5620, 18.4020

Trichromacy



Original Color

109.1080, 52.5420, 5.9340

Protanomaly

109.1220, 31.5910, -5.3450

Deuteranomaly

109.0800, 40.5770, -2.9990

Tritanomaly

109.9260, 47.5430, 13.9350

Monochromacy



Original Color

109.1080, 52.5420, 5.9340

Achromatopsia

109.0000, -0.0000, 0.0000

Achromatomaly

108.9330, 19.3020, 2.6140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 109.1080, 52.5420, 5.9340 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(163, 91, 61)` looks like.

```
.text, #text, p{  
    color:rgb(163, 91, 61)  
}
```

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(163, 91, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 91, 61) }
```

Border

The CSS property to change the border of an element to YIQ 109.1080, 52.5420, 5.9340 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(163, 91, 61) }
```


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

```
.border{ border-color:rgb(163, 91, 61) }
```

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

Here you see how a box with a 4 pixel rgb(163, 91, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 91, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 91, 61);  
box-shadow:4px 4px 4px 4px rgb(163, 91,  
61) }
```

Background

The CSS property to change the background color of an element to YIQ 109.1080, 52.5420, 5.9340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 91, 61) }
```

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

```
.background{ background-color: rgb(163, 91,  
61) }
```

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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