

Converting Colors

YIQ(61.6520, 36.6310, 13.4550)

Have a look what the booklet for
YIQ(61.6520, 36.6310, 13.4550)
contains.

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Color

**YIQ(61.6520, 36.6310,
13.4550)**

Conversions

Conversions Part 1

Format	Color
Hex	692B2C
RGB	105, 43, 44
RGB Percent	41%, 17%, 17%
CMY	0.5881, 0.8315, 0.8273
CMYK	0.00, 0.59, 0.58, 0.59
HSL	359°, 42%, 29%
HSV	359°, 59%, 41%
XYZ	7.1484, 4.9135, 2.9582
YIQ	61.6520, 36.6310, 13.4550

Conversions

Conversions Part 2

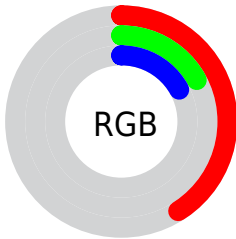
Format	Color
RYB	105, 43, 44
Decimal	6892332
CIELab	26.49, 27.92, 13.13
CIELCh	26, 30.853, 25.185
Yxy	4.9135, 0.4759, 0.3271
Android (android.graphics.Color)	4285082412 (0xFF692B2C)
YUV	61.6520, -8.7024, 38.0162
Hunter-Lab	22.1665, 18.7724, 7.6042

Details

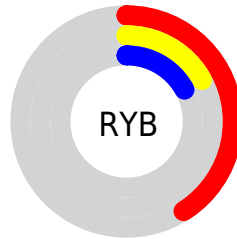
The YIQ color **61.6520, 36.6310, 13.4550** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **86.3480, -36.6310, -13.4550**, and the grayscale version is **62.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **111.4030, 41.7660, 14.0060**, and **16.1460, 32.1840, 11.4480** is the 20% darker color. If you saturate the color by 10%, you get **54.0550, 42.8660, 16.0980**, and if you desaturate by 10%, it is **68.6620, 30.6710, 11.3350**.

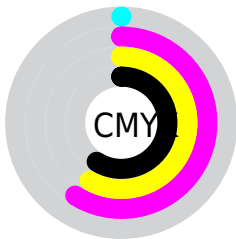
Distribution



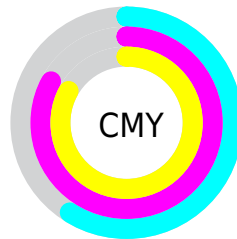
- Red (41%)
- Green (17%)
- Blue (17%)



- Red (41%)
- Yellow (17%)
- Blue (17%)



- Cyan (0%)
- Magenta (59%)
- Yellow (58%)
- Black (59%)



- Cyan (59%)
- Magenta (83%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 61.6520, 36.6310, 13.4550 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 61.6520, 36.6310, 13.4550 by changing the saturation by 10% instead.

61.6520, 36.6310,
13.4550

61.6520, 36.6310,
13.4550

255.0000, -0.0000,
-0.0000

37.5100, 34.1550,
14.2750

111.4030, 41.7660,
14.0060

16.1460, 32.1840,
11.4480

137.3000, 43.5540,
14.6420

7.8880, 15.1750,
5.8230

164.0830, 45.6630,
14.9670

0.0000, 0.0000,
0.0000

191.6810, 46.8550,
15.3910

213.2990, 36.1270,
11.5750

233.5140, 19.1640,

5.1160

253.7290, 2.2010,
-1.3430

61.6520, 36.6310,
13.4550

61.6520, 36.6310,
13.4550

54.0550, 42.8660,
16.0980

68.6620, 30.6710,
11.3350

46.9310, 49.1470,
17.9070

76.3730, 24.1150,
9.0030

39.3340, 55.3820,
20.5500

83.3830, 18.1550,
6.8830

32.3240, 61.3420,
22.6700

90.9800, 11.9200,
4.2400

31.6230, 61.9380,
22.8820

98.1040, 5.6390,
2.4310

■ 105.7010, -0.5960,
-0.2120

■ 113.2980, -6.8310,
-2.8550

■ 120.4220,
-13.1120, -4.6640

■ 128.0190,
-19.3470, -7.3070

Harmonies

Analogous

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



62.5020, 28.6060, 21.2300



61.6520, 36.6310, 13.4550



61.3770, 35.4870, 1.1430

Triad

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



61.6520, 36.6310, 13.4550



53.7290, -16.1350, -21.4710



51.1680, -53.1390, -0.6190

Complementary

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



61.6520, 36.6310, 13.4550



86.3480, -36.6310, -13.4550

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.



53.7780, -52.2210, -6.2450



61.6520, 36.6310, 13.4550



50.0500, -38.9680, -20.6640

Square

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



61.6520, 36.6310, 13.4550



58.0110, 9.4940, -17.8820



52.7860, -46.6720, -13.2000



63.0590, -15.6830, 14.4050

Rectangle

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



61.6520, 36.6310, 13.4550



60.5840, 30.1700, -7.1260



52.7860, -46.6720, -13.2000



52.8150, -53.6430, -2.4990

Sweetspot

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



61.6520, 36.6310, 13.4550



120.4750, 14.9000, 5.3000



68.0080, 15.8580, 32.0020



58.4850, 8.9400, 3.1800



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

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



61.6520, 36.6310, 13.4550



69.5300, 57.7660, 21.3980



78.5610, 28.9770, -2.0230



49.7940, 3.5760, 1.2720



35.2110, 69.0900, 25.4260



73.7110, 144.7360, 53.1840

Inverse Universe

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



61.6520, 36.6310, 13.4550



69.5300, 57.7660, 21.3980



69.4390, -28.9770, 2.0230



49.7940, 3.5760, 1.2720



35.2110, 69.0900, 25.4260



73.7110, 144.7360, 53.1840

Previews

White Background



This preview shows how the YIQ color 61.6520, 36.6310, 13.4550 looks on a white background.

Color Contrast Check

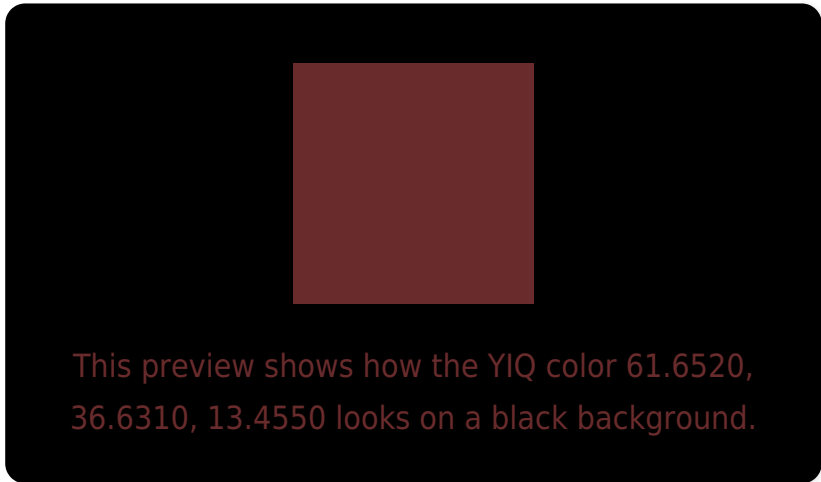
Large Text (above 18pt) WCAG AA ✓ Pass

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

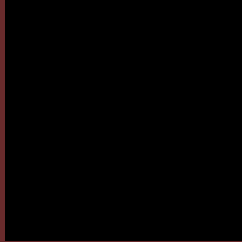
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 61.6520, 36.6310, 13.4550

Background



This preview shows how black text looks on a background with the YIQ color 61.6520, 36.6310, 13.4550.



This preview shows how white text looks on a background with the YIQ color 61.6520, 36.6310,

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

61.6520, 36.6310, 13.4550

Protanopia

63.0560, 5.5940, -2.2620

Deuteranopia

63.5040, 15.9560, -2.8280



Tritanopia

61.7660, 36.3100, 13.7660

Trichromacy



Original Color

61.6520, 36.6310, 13.4550

Protanomaly

62.7910, 16.8260, 3.4340

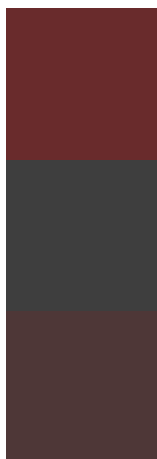
Deuteranomaly

62.4990, 23.5200, 3.2640

Tritanomaly

61.7660, 36.3100, 13.7660

Monochromacy



Original Color

61.6520, 36.6310, 13.4550

Achromatopsia

62.0000, -0.0000, -0.0000

Achromatomaly

61.8770, 13.7080, 4.8760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 61.6520, 36.6310, 13.4550 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(105, 43, 44)` looks like.

```
.text, #text, p{  
    color:rgb(105, 43, 44)  
}
```

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(105, 43, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 43, 44) }
```

Border

The CSS property to change the border of an element to YIQ 61.6520, 36.6310, 13.4550 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(105, 43, 44) }
```


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

```
.border{ border-color:rgb(105, 43, 44) }
```

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

Here you see how a box with a 4 pixel rgb(105, 43, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 43, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 43, 44);  
box-shadow:4px 4px 4px 4px rgb(105, 43,  
44) }
```

Background

The CSS property to change the background color of an element to YIQ 61.6520, 36.6310, 13.4550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 43, 44) }
```

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

```
.background{ background-color: rgb(105, 43,  
44) }
```

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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