

Converting Colors

YIQ(67.3080, 14.7130, 25.2170)

Have a look what the booklet for
YIQ(67.3080, 14.7130, 25.2170)
contains.

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Color

**YIQ(67.3080, 14.7130,
25.2170)**

Conversions

Conversions Part 1

Format	Color
Hex	612F5E
RGB	97, 47, 94
RGB Percent	38%, 18%, 37%
CMY	0.6195, 0.8158, 0.6313
CMYK	0.00, 0.52, 0.03, 0.62
HSL	304°, 35%, 28%
HSV	304°, 52%, 38%
XYZ	7.9701, 5.3831, 11.2100
YIQ	67.3080, 14.7130, 25.2170

Conversions

Conversions Part 2

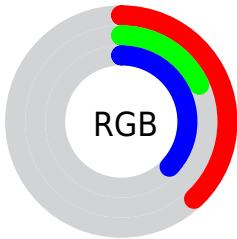
Format	Color
RYB	97, 47, 94
Decimal	6369118
CIELab	27.80, 30.06, -18.22
CIELCh	28, 35.150, 328.777
Yxy	5.3831, 0.3245, 0.2192
Android (android.graphics.Color)	4284559198 (0xFF612F5E)
YUV	67.3080, 13.1592, 26.0399
Hunter-Lab	23.2015, 20.7153, -12.4054

Details

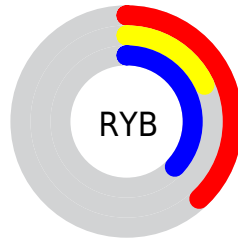
The YIQ color **67.3080, 14.7130, 25.2170** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **76.6920, -14.7130, -25.2170**, and the grayscale version is **67.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **116.8460, 16.1340, 26.9980**, and **20.4110, 12.9250, 24.5810** is the 20% darker color. If you saturate the color by 10%, you get **61.3240, 17.7840, 30.1360**, and if you desaturate by 10%, it is **73.2920, 11.6420, 20.2980**.

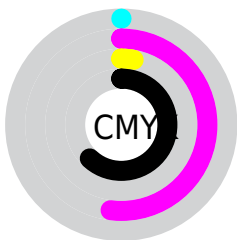
Distribution



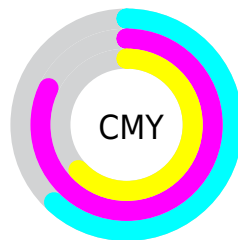
- Red (38%)
- Green (18%)
- Blue (37%)



- Red (38%)
- Yellow (18%)
- Blue (37%)



- Cyan (0%)
- Magenta (52%)
- Yellow (3%)
- Black (62%)



- Cyan (62%)
- Magenta (82%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 67.3080, 14.7130, 25.2170 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 67.3080, 14.7130, 25.2170 by changing the saturation by 10% instead.

67.3080, 14.7130,
25.2170

67.3080, 14.7130,
25.2170

255.0000, -0.0000,
-0.0000

43.5960, 13.8420,
24.4820

116.8460, 16.1340,
26.9980

20.4110, 12.9250,
24.5810

142.5580, 17.0050,
27.7330

11.1510, 7.4250,
14.1210

169.9710, 17.2800,
28.2560

0.0000, 0.0000,
0.0000

197.6830, 18.1510,
28.9910

223.3020, 14.8500,
28.2420

240.3250, 6.8750,

13.0750

■ 67.3080, 14.7130,
25.2170

■ 67.3080, 14.7130,
25.2170

■ 61.3240, 17.7840,
30.1360

■ 73.2920, 11.6420,
20.2980

■ 56.0410, 20.2590,
34.8430

■ 78.5750, 9.1670,
15.5910

■ 50.0570, 23.3300,
39.7620

■ 84.5590, 6.0960,
10.6720

■ 44.1870, 26.0800,
44.9920

■ 90.4290, 3.3460,
5.4420

■ 39.3770, 28.6010,
48.8650

■ 96.4130, 0.2750,
0.5230

■ 101.8100, -2.5210,
-3.8730

■ 107.6800, -5.2710,
-9.1030

■ 113.6640, -8.3420,
-14.0220

■ 118.9470,
-10.8170, -18.7290

Harmonies

Analogous

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



66.3520, -14.9500, 17.6420



67.3080, 14.7130, 25.2170



65.0190, 34.5200, 24.1840

Triad

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



67.3080, 14.7130, 25.2170



61.9440, 28.7960, -15.2680



56.1600, -50.6610, -12.4930

Complementary

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



67.3080, 14.7130, 25.2170



76.6920, -14.7130, -25.2170

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.



53.0820, -41.9940, -20.8900



67.3080, 14.7130, 25.2170



59.8920, 8.2110, -22.1650

Square

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



67.3080, 14.7130, 25.2170



63.4760, 39.5220, -0.3980



51.7060, -26.4960, -26.4320



56.6790, -56.2560, -4.7040

Rectangle

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



67.3080, 14.7130, 25.2170



63.8530, 40.6190, 18.2750



51.7060, -26.4960, -26.4320



55.1340, -47.7720, -15.2920

Sweetspot

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



67.3080, 14.7130, 25.2170



113.7330, 5.5460, 9.6260



53.2980, -14.8580, 15.9740



56.8420, 3.6210, 5.9650



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



67.3080, 14.7130, 25.2170



78.6440, 23.0550, 39.2390



64.5720, 22.4170, 17.7530



45.6520, 1.1000, 2.0920



45.4580, 33.0470, 56.3990



97.4100, 70.8150, 120.8550

Inverse Universe

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



67.3080, 14.7130, 25.2170



78.6440, 23.0550, 39.2390



79.5420, -22.7380, -17.4420



45.6520, 1.1000, 2.0920



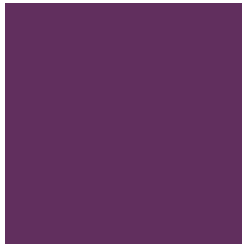
45.4580, 33.0470, 56.3990



97.4100, 70.8150, 120.8550

Previews

White Background



This preview shows how the YIQ color 67.3080, 14.7130, 25.2170 looks on a white background.

Color Contrast Check

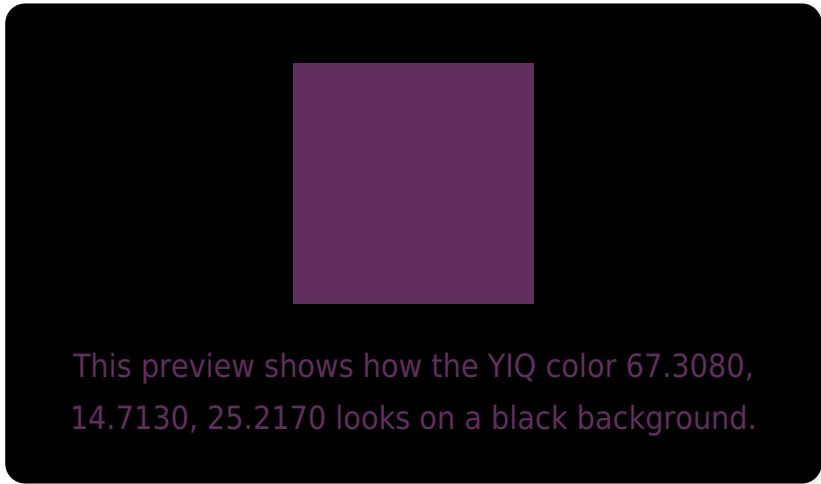
Large Text (above 18pt) WCAG AA ✓ Pass

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

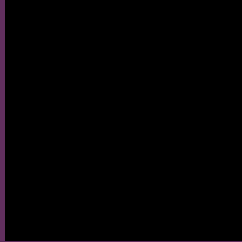
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 67.3080, 14.7130, 25.2170

Background



This preview shows how black text looks on a background with the YIQ color 67.3080, 14.7130, 25.2170.



This preview shows how white text looks on a background with the YIQ color 67.3080, 14.7130,

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

67.3080, 14.7130, 25.2170

Protanopia

64.9330, -24.2560, 10.0800

Deuteranopia

66.1700, -11.9220, 6.8140



Tritanopia

66.8180, 21.3640, 9.3000

Trichromacy



Original Color

67.3080, 14.7130, 25.2170

Protanomaly

65.6360, -9.9980, 16.0020

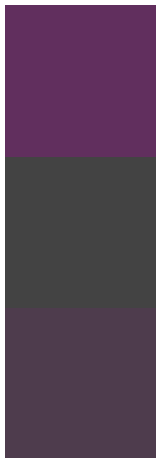
Deuteranomaly

66.3610, -1.9740, 13.7540

Tritanomaly

66.8380, 18.6120, 15.1240

Monochromacy



Original Color

67.3080, 14.7130, 25.2170

Achromatopsia

67.0000, -0.0000, -0.0000

Achromatomaly

67.3200, 5.2710, 9.1030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 67.3080, 14.7130, 25.2170 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(97, 47, 94)` looks like.

```
.text, #text, p{  
    color:rgb(97, 47, 94)  
}
```

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(97, 47, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 47, 94) }
```

Border

The CSS property to change the border of an element to YIQ 67.3080, 14.7130, 25.2170 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(97, 47, 94) }
```


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

```
.border{ border-color:rgb(97, 47, 94) }
```

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

Here you see how a box with a 4 pixel rgb(97, 47, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 47, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 47, 94);  
box-shadow:4px 4px 4px 4px rgb(97, 47, 94)  
}
```

Background

The CSS property to change the background color of an element to YIQ 67.3080, 14.7130, 25.2170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 47, 94) }
```

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

```
.background{ background-color: rgb(97, 47,  
94) }
```

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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