

Converting Colors

YIQ(58.2070, 14.1600, 40.7520)

Have a look what the booklet for
YIQ(58.2070, 14.1600, 40.7520)
contains.

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Color

**YIQ(58.2070, 14.1600,
40.7520)**

Conversions

Conversions Part 1

Format	Color
Hex	611C70
RGB	97, 28, 112
RGB Percent	38%, 11%, 44%
CMY	0.6194, 0.8903, 0.5608
CMYK	0.13, 0.75, 0.00, 0.56
HSL	289°, 60%, 27%
HSV	289°, 75%, 44%
XYZ	8.2747, 4.5434, 15.7694
YIQ	58.2070, 14.1600, 40.7520

Conversions

Conversions Part 2

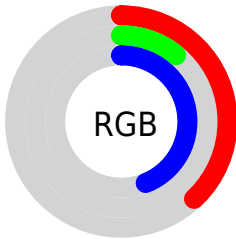
Format	Color
R_{YB}	97, 28, 112
Decimal	6364272
CIE _{Lab}	25.39, 43.19, -33.66
CIE _{LCh}	25, 54.759, 322.064
Yxy	4.5434, 0.2895, 0.1589
Android (android.graphics.Color)	4284554352 (0xFF611C70)
YUV	58.2070, 26.5199, 34.0215
Hunter-Lab	21.3152, 31.9936, -28.9433

Details

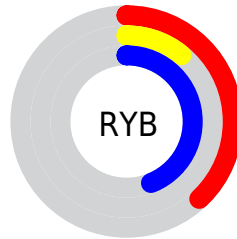
The YIQ color **58.2070, 14.1600, 40.7520** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **81.7930, -14.1600, -40.7520**, and the grayscale version is **58.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **109.9190, 15.0310, 41.4870**, and **21.2350, 7.7890, 29.5570** is the 20% darker color. If you saturate the color by 10%, you get **51.1520, 15.9930, 46.0810**, and if you desaturate by 10%, it is **65.2620, 12.3270, 35.4230**.

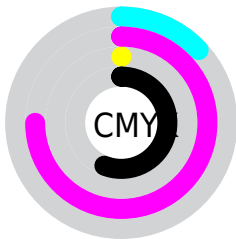
Distribution



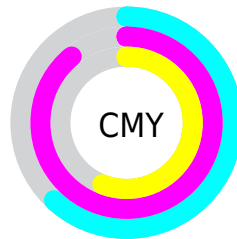
- Red (38%)
- Green (11%)
- Blue (44%)



- Red (38%)
- Yellow (11%)
- Blue (44%)



- Cyan (13%)
- Magenta (75%)
- Yellow (0%)
- Black (56%)



- Cyan (62%)
- Magenta (89%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 58.2070, 14.1600, 40.7520 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 58.2070, 14.1600, 40.7520 by changing the saturation by 10% instead.

■ 58.2070, 14.1600,
40.7520

■ 58.2070, 14.1600,
40.7520

■ 255.0000, -0.0000,
-0.0000

■ 31.1470, 14.3890,
42.1090

■ 109.9190, 15.0310,
41.4870

■ 21.2350, 7.7890,
29.5570

■ 136.7450, 15.5810,
42.5330

■ 11.2520, -0.0490,
17.4150

■ 163.5710, 16.1310,
43.5790

■ 2.6390, -6.0530,
5.0750

■ 191.2830, 17.0020,
44.3140

■ 0.0000, 0.0000,
0.0000

■ 213.9100, 19.2500,
36.6100

■ 230.9330, 11.2750,

21.4430

247.3690, 3.5750,
6.7990

58.2070, 14.1600,
40.7520

58.2070, 14.1600,
40.7520

51.1520, 15.9930,
46.0810

65.2620, 12.3270,
35.4230

44.0970, 17.8260,
51.4100

72.3170, 10.4940,
30.0940

40.2760, 18.8800,
54.3360

79.9590, 8.3860,
24.2420

87.0140, 6.5530,
18.9130

94.0690, 4.7200,
13.5840

■ 101.1240, 2.8870,
8.2550

■ 108.1790, 1.0540,
2.9260

■ 115.8210, -1.0540,
-2.9260

■ 122.8760, -2.8870,
-8.2550

Harmonies

Analogous

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



48.0280, -57.9560, 15.1000



58.2070, 14.1600, 40.7520



45.9960, 51.6630, 49.4150

Triad

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



58.2070, 14.1600, 40.7520



57.4010, 34.9390, -10.9570



55.4590, -50.0650, -12.2810

Complementary

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



58.2070, 14.1600, 40.7520



81.7930, -14.1600, -40.7520

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.



49.9700, -35.9870, -25.1310



58.2070, 14.1600, 40.7520



53.0830, 8.9910, -25.2890

Square

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



58.2070, 14.1600, 40.7520



53.1580, 58.2730, 6.6970



42.8510, -20.0750, -38.1790



58.9760, -61.3460, -0.5620

Rectangle

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



58.2070, 14.1600, 40.7520



44.1140, 62.7140, 41.8660



42.8510, -20.0750, -38.1790



53.9770, -45.8920, -16.3240

Sweetspot

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



58.2070, 14.1600, 40.7520



123.8350, 5.4990, 15.9870



46.3810, -31.0890, 18.2790



60.4770, 3.3910, 10.1350



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



58.2070, 14.1600, 40.7520



61.8130, 22.0420, 63.1140



59.6140, 31.7670, 35.5350



52.1790, 1.0540, 2.9260



43.2810, 20.4840, 58.3080



88.8550, 41.7010, 119.8530

Inverse Universe

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



54.8260, 45.2490, 22.4730



56.4920, 70.0970, 34.7130



80.3860, -31.7670, -35.5350



51.9080, 3.2550, 1.5830



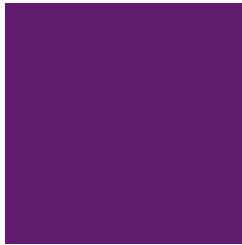
38.2740, 64.7790, 31.9710



78.8690, 133.0880, 66.0480

Previews

White Background



This preview shows how the YIQ color 58.2070, 14.1600, 40.7520 looks on a white background.

Color Contrast Check

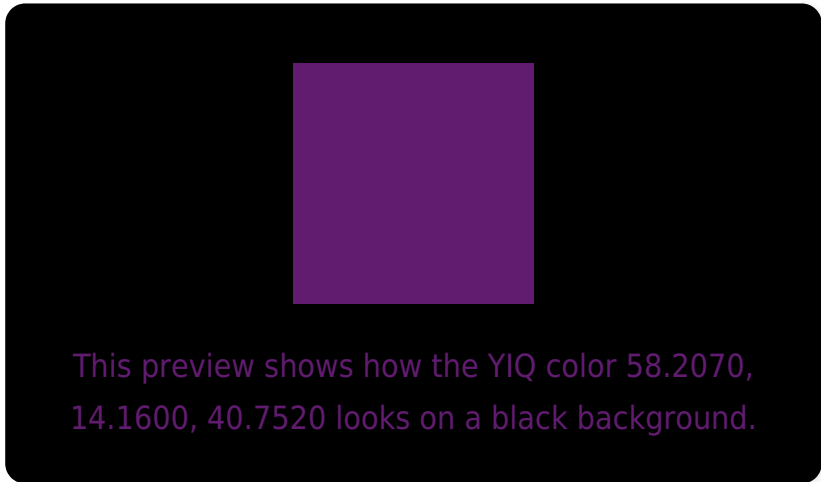
Large Text (above 18pt) WCAG AA ✓ Pass

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

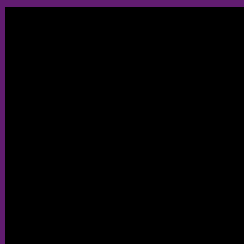
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 58.2070, 14.1600, 40.7520

Background



This preview shows how black text looks on a background with the YIQ color 58.2070, 14.1600, 40.7520.



This preview shows how white text looks on a background with the YIQ color 58.2070, 14.1600,

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

58.2070, 14.1600, 40.7520

Protanopia

48.9970, -56.6710, 8.3290

Deuteranopia

56.2520, -35.5800, 6.0520



Tritanopia

62.0030, 22.2810, 9.2010

Trichromacy



Original Color

58.2070, 14.1600, 40.7520

Protanomaly

52.4350, -31.1810, 19.9470

Deuteranomaly

57.2100, -17.4260, 18.4620

Tritanomaly

60.5980, 19.5280, 20.5520

Monochromacy



Original Color

58.2070, 14.1600, 40.7520

Achromatopsia

58.0000, -0.0000, 0.0000

Achromatomaly

58.0090, 4.9490, 14.9410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 58.2070, 14.1600, 40.7520 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, 28, 112)` looks like.

```
.text, #text, p{  
    color:rgb(97, 28, 112)  
}
```

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, 28, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 28, 112) }
```

Border

The CSS property to change the border of an element to YIQ 58.2070, 14.1600, 40.7520 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, 28, 112) }
```


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

```
.border{ border-color:rgb(97, 28, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 28, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 28, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 28, 112);  
box-shadow:4px 4px 4px 4px rgb(97, 28,  
112) }
```

Background

The CSS property to change the background color of an element to YIQ 58.2070, 14.1600, 40.7520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 28, 112) }
```

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

```
.background{ background-color: rgb(97, 28,  
112) }
```

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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