

Converting Colors

YIQ(52.5710, 67.7160, 17.2840)

Have a look what the booklet for
YIQ(52.5710, 67.7160, 17.2840)
contains.

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Color

**YIQ(52.5710, 67.7160,
17.2840)**

Conversions

Conversions Part 1

Format	Color
Hex	801707
RGB	128, 23, 7
RGB Percent	50%, 9%, 3%
CMY	0.4978, 0.9099, 0.9723
CMYK	0.00, 0.82, 0.94, 0.50
HSL	8°, 90%, 26%
HSV	8°, 94%, 50%
XYZ	9.2556, 5.2205, 0.7229
YIQ	52.5710, 67.7160, 17.2840

Conversions

Conversions Part 2

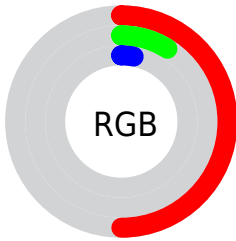
Format	Color
RYB	128, 25, 7
Decimal	8394503
CIELab	27.35, 43.16, 36.82
CIELCh	27, 56.736, 40.467
Yxy	5.2205, 0.6090, 0.3435
Android (android.graphics.Color)	4286584583 (0xFF801707)
YUV	52.5710, -22.4665, 66.1512
Hunter-Lab	22.8484, 32.3233, 14.1180

Details

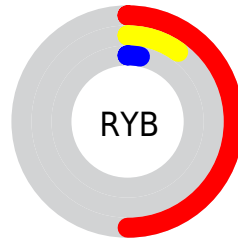
The YIQ color **52.5710, 67.7160, 17.2840** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **82.4290, -67.7160, -17.2840**, and the grayscale version is **53.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **107.3390, 74.1810, 15.7570**, and **20.9300, 41.7200, 14.8400** is the 20% darker color. If you saturate the color by 10%, you get **48.2510, 71.6130, 18.2450**, and if you desaturate by 10%, it is **60.5100, 60.5180, 15.5740**.

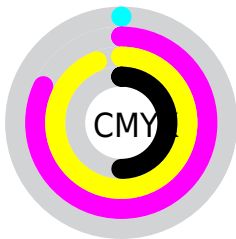
Distribution



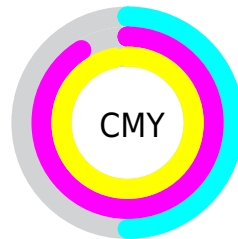
- Red (50%)
- Green (9%)
- Blue (3%)



- Red (50%)
- Yellow (10%)
- Blue (3%)



- Cyan (0%)
- Magenta (82%)
- Yellow (94%)
- Black (50%)



- Cyan (50%)
- Magenta (91%)
- Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 52.5710, 67.7160, 17.2840 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 52.5710, 67.7160, 17.2840 by changing the saturation by 10% instead.

■ 52.5710, 67.7160,
17.2840

■ 52.5710, 67.7160,
17.2840

■ 252.6060, 6.7410,
-6.5310

■ 29.6010, 59.0040,
20.9880

■ 107.3390, 74.1810,
15.7570

■ 20.9300, 41.7200,
14.8400

■ 134.6060, 77.8030,
16.1950

■ 13.2700, 25.9030,
9.6390

■ 162.4600, 81.1500,
16.1100

■ 0.0000, 0.0000,
0.0000

■ 182.6540, 68.6800,
10.8240

■ 202.0540, 52.6340,
4.2660

■ 221.5680, 36.2670,

-1.9810

■ 241.7830, 19.3040,
-8.4400

■ 52.5710, 67.7160,
17.2840

■ 52.5710, 67.7160,
17.2840

■ 48.2510, 71.6130,
18.2450

■ 60.5100, 60.5180,
15.5740

■ 68.4490, 53.3200,
13.8640

■ 76.2740, 46.4430,
11.8430

■ 84.2130, 39.2450,
10.1330

■ 92.7390, 31.7720,
7.9000

■ 100.6780, 24.5740,
6.1900

■ 108.6170, 17.3760,
4.4800

■ 116.5560, 10.1780,
2.7700

■ 124.3810, 3.3010,
0.7490

Harmonies

Analogous

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



47.1900, 65.5560, 45.4280



52.5710, 67.7160, 17.2840



60.7340, 47.3630, -4.8370

Triad

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



52.5710, 67.7160, 17.2840



51.3090, -32.8680, -32.1000



56.0700, -66.9420, 12.7540

Complementary

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



52.5710, 67.7160, 17.2840



82.4290, -67.7160, -17.2840

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.



62.0710, -68.6830, 5.7570



52.5710, 67.7160, 17.2840



57.1400, -47.9090, -18.3170

Square

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



52.5710, 67.7160, 17.2840



46.1070, -17.9200, -38.6880



61.9280, -61.3910, -5.2550



65.3940, -5.6000, 35.4240

Rectangle

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



52.5710, 67.7160, 17.2840



60.9010, 30.3550, -15.9890



61.9280, -61.3910, -5.2550



59.1190, -68.6380, 10.4500

Sweetspot

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



52.5710, 67.7160, 17.2840



136.5750, 26.3620, 6.8260



55.3770, 37.7690, 58.9290



66.1330, 15.8630, 4.3670



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



52.5710, 67.7160, 17.2840



62.5480, 92.8860, 23.6860



87.2040, 51.4910, -13.5730



59.6800, 3.8970, 0.9610



48.2510, 71.6130, 18.2450



0.0000, 0.0000, 0.0000

Inverse Universe

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



82.4290, -67.7160, -17.2840



103.4520, -92.8860, -23.6860



47.7960, -51.4910, 13.5730



61.3200, -3.8970, -0.9610



79.7490, -71.6130, -18.2450



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 52.5710, 67.7160, 17.2840 looks on a white background.

Color Contrast Check

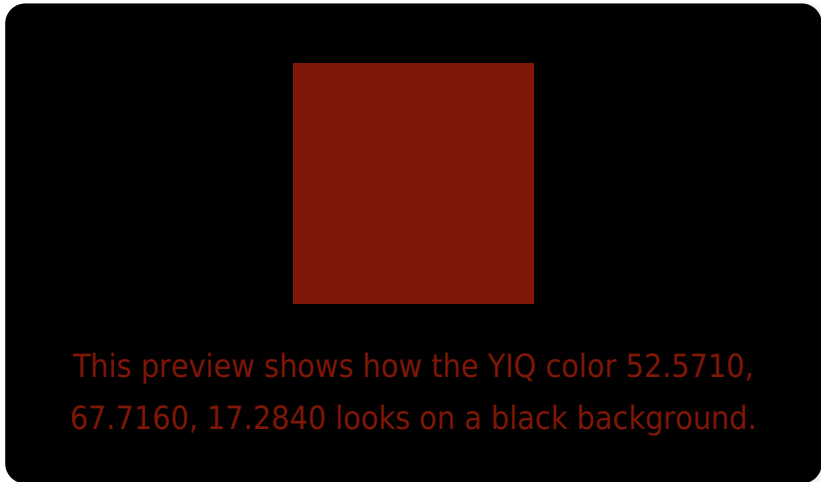
Large Text (above 18pt) WCAG AA ✓ Pass

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

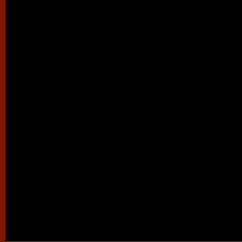
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 52.5710, 67.7160, 17.2840

Background



This preview shows how black text looks on a background with the YIQ color 52.5710, 67.7160, 17.2840.



This preview shows how white text looks on a background with the YIQ color 52.5710, 67.7160,

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

52.5710, 67.7160, 17.2840

Protanopia

63.8060, 20.4970, -13.5430

Deuteranopia

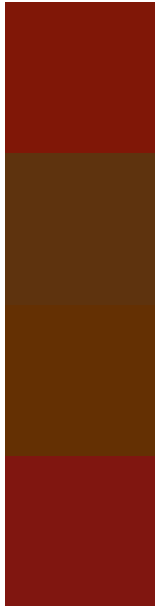
62.0970, 32.7390, -15.1410



Tritanopia

53.5800, 63.4970, 22.1610

Trichromacy



Original Color

52.5710, 67.7160, 17.2840

Protanomaly

59.6390, 37.5050, -2.3910

Deuteranomaly

58.4180, 45.4370, -2.9710

Tritanomaly

53.0100, 65.1020, 20.6060

Monochromacy



Original Color

52.5710, 67.7160, 17.2840

Achromatopsia

53.0000, -0.0000, -0.0000

Achromatomaly

52.6780, 24.5740, 6.1900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 52.5710, 67.7160, 17.2840 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(128, 23, 7)` looks like.

```
.text, #text, p{  
    color:rgb(128, 23, 7)  
}
```

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(128, 23, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 23, 7) }
```

Border

The CSS property to change the border of an element to YIQ 52.5710, 67.7160, 17.2840 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(128, 23, 7) }
```


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

```
.border{ border-color:rgb(128, 23, 7) }
```

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

Here you see how a box with a 4 pixel rgb(128, 23, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 23, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 23, 7);  
box-shadow:4px 4px 4px 4px rgb(128, 23, 7)  
}
```

Background

The CSS property to change the background color of an element to YIQ 52.5710, 67.7160, 17.2840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 23, 7) }
```

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

```
.background{ background-color: rgb(128, 23,  
7) }
```

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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