

Converting Colors

YIQ(67.5760, 123.1870, 52.7470)

Have a look what the booklet for
YIQ(67.5760, 123.1870, 52.7470)
contains.

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Color

**YIQ(67.5760, 123.1870,
52.7470)**

Conversions

Conversions Part 1

Format	Color
Hex	DA0015
RGB	218, 0, 21
RGB Percent	85%, 0%, 8%
CMY	0.1446, 0.9998, 0.9172
CMYK	0.00, 1.00, 0.90, 0.14
HSL	354°, 100%, 43%
HSV	354°, 100%, 86%
XYZ	29.0905, 14.9809, 2.0737
YIQ	67.5760, 123.1870, 52.7470

Conversions

Conversions Part 2

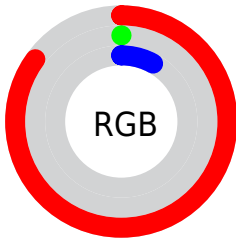
Format	Color
RYB	218, 0, 21
Decimal	14286869
CIELab	45.61, 71.40, 52.81
CIElCh	46, 88.812, 36.486
Yxy	14.9809, 0.6304, 0.3246
Android (android.graphics.Color)	4292476949 (0xFFDA0015)
YUV	67.5760, -22.9620, 131.9218
Hunter-Lab	38.7052, 66.4249, 23.9171

Details

The YIQ color **67.5760, 123.1870, 52.7470** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **150.4240, -123.1870, -52.7470**, and the grayscale version is **68.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **135.6530, 105.9520, 29.1840**, and **45.7470, 91.1880, 32.4360** is the 20% darker color. If you saturate the color by 10%, you get **67.5760, 123.1870, 52.7470**, and if you desaturate by 10%, it is **82.7700, 110.7170, 47.4610**.

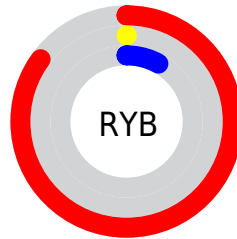
Distribution



Red (85%)

Green (0%)

Blue (8%)



Red (85%)

Yellow (0%)

Blue (8%)

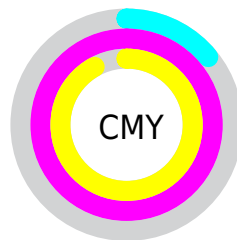


Cyan (0%)

Magenta (100%)

Yellow (90%)

Black (14%)



Cyan (14%)


Magenta (100%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 67.5760, 123.1870, 52.7470 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 67.5760, 123.1870, 52.7470 by changing the saturation by 10% instead.


 67.5760, 123.1870,
52.7470

 67.5760, 123.1870,
52.7470


255.0000, -0.0000,
-0.0000


 55.3150, 110.2600,
39.2200


 135.7670,
105.6310, 29.4950


 45.7470, 91.1880,
32.4360


 156.7000, 89.4020,
20.7460


 36.1790, 72.1160,
25.6520


 176.5730, 73.4020,
13.3540

 26.8390, 52.4020,
19.4900

 197.2610, 56.4850,
6.0610

 17.8690, 34.5220,
13.1300

 217.2480, 40.1640,
-1.0200


 6.2790, 12.5160,
4.4520


 238.0500, 22.9260,


 0.0000, 0.0000,


-8.0020


0.0000


 251.8080, 8.9880,
-8.7080

 67.5760, 123.1870,
52.7470

 82.7700, 110.7170,
47.4610

 97.9640, 98.2470,
42.1750

 112.4570, 86.3730,
37.1010

 127.6510, 73.9030,
31.8150

 142.8450, 61.4330,
26.5290

■ 157.9250, 49.2840,
20.9320

■ 173.1190, 36.8140,
15.6460

■ 188.3130, 24.3440,
10.3600

■ 202.8060, 12.4700,
5.2860

Harmonies

Analogous

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



80.0130, 106.8600, 78.8280



67.5760, 123.1870, 52.7470



99.8830, 83.4920, -4.3160

Triad

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



67.5760, 123.1870, 52.7470



83.4460, -50.3320, -57.0200



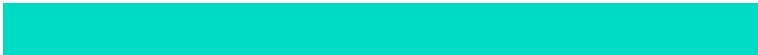
95.9880, -113.2050, 19.6830

Complementary

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



67.5760, 123.1870, 52.7470



150.4240, -123.1870, -52.7470

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.



104.9410, -114.9910, 7.9930



67.5760, 123.1870, 52.7470



94.4410, -77.1580, -33.3980

Square

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



67.5760, 123.1870, 52.7470



78.1480, -26.3060, -62.9300



102.7630, -100.5910, -10.6950



107.0000, -24.0810, 56.4870

Rectangle

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



67.5760, 123.1870, 52.7470



102.0220, 54.5190, -24.4010



102.7630, -100.5910, -10.6950



100.6840, -115.4050, 15.4990

Sweetspot

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



67.5760, 123.1870, 52.7470



202.5220, 43.0490, 18.2890



83.4560, 46.8380, 109.3500



96.2100, 26.1320, 10.9960



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



67.5760, 123.1870, 52.7470



79.0950, 143.9550, 61.8350



116.2510, 106.0030, 0.7150



102.4030, 6.2350, 2.6430



53.6650, 97.6510, 41.9630



14.2100, 26.1320, 10.9960

Inverse Universe

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



67.5760, 123.1870, 52.7470



79.0950, 143.9550, 61.8350



101.7490, -106.0030, -0.7150



102.4030, 6.2350, 2.6430



53.6650, 97.6510, 41.9630



14.2100, 26.1320, 10.9960

Previews

White Background



This preview shows how the YIQ color 67.5760, 123.1870, 52.7470 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



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 67.5760, 123.1870, 52.7470

Background



This preview shows how black text looks on a background with the YIQ color 67.5760, 123.1870, 52.7470.



This preview shows how white text looks on a background with the YIQ color 67.5760, 123.1870,

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

67.5760, 123.1870, 52.7470

Protanopia

105.9070, 30.2180, -19.0140

Deuteranopia

103.1960, 53.9690, -25.4470



Tritanopia

76.6230, 123.8320, 35.5440

Trichromacy



Original Color

67.5760, 123.1870, 52.7470

Protanomaly

92.0940, 64.3250, 7.1490

Deuteranomaly

90.4730, 79.1350, 3.0630

Tritanomaly

73.4260, 123.1890, 41.6930

Monochromacy



Original Color

67.5760, 123.1870, 52.7470

Achromatopsia

68.0000, -0.0000, 0.0000

Achromatomaly

67.8320, 45.1120, 19.4480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 67.5760, 123.1870, 52.7470 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(218, 0, 21)` looks like.

```
.text, #text, p{  
    color:rgb(218, 0, 21)  
}
```

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(218, 0, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 0, 21) }
```

Border

The CSS property to change the border of an element to YIQ 67.5760, 123.1870, 52.7470 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(218, 0, 21) }
```


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

```
.border{ border-color:rgb(218, 0, 21) }
```

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

Here you see how a box with a 4 pixel rgb(218, 0, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 0, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 0, 21);  
box-shadow:4px 4px 4px 4px rgb(218, 0, 21)  
}
```

Background

The CSS property to change the background color of an element to YIQ 67.5760, 123.1870, 52.7470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 0, 21) }
```

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

```
.background{ background-color: rgb(218, 0,  
21) }
```

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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