

Converting Colors

YIQ(57.4230, 110.0760, 42.5560)

Have a look what the booklet for
YIQ(57.4230, 110.0760, 42.5560)
contains.

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Color

**YIQ(57.4230, 110.0760,
42.5560)**

Conversions

Conversions Part 1

Format	Color
Hex	BD0008
RGB	189, 0, 8
RGB Percent	74%, 0%, 3%
CMY	0.2584, 0.9999, 0.9682
CMYK	0.00, 1.00, 0.96, 0.26
HSL	357°, 100%, 37%
HSV	357°, 100%, 74%
XYZ	21.0595, 10.8514, 1.2175
YIQ	57.4230, 110.0760, 42.5560

Conversions

Conversions Part 2

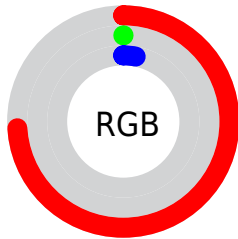
Format	Color
RYB	189, 0, 8
Decimal	12386312
CIELab	39.33, 64.07, 50.67
CIELCh	39, 81.685, 38.341
Yxy	10.8514, 0.6357, 0.3276
Android (android.graphics.Color)	4290576392 (0xFFBD0008)
YUV	57.4230, -24.3655, 115.3930
Hunter-Lab	32.9415, 56.4673, 20.8678

Details

The YIQ color **57.4230, 110.0760, 42.5560** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **131.5770, -110.0760, -42.5560**, and the grayscale version is **58.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **130.5780, 110.5370, 28.6890**, and **37.3750, 74.5000, 26.5000** is the 20% darker color. If you saturate the color by 10%, you get **57.4230, 110.0760, 42.5560**, and if you desaturate by 10%, it is **70.6280, 99.0730, 38.2170**.

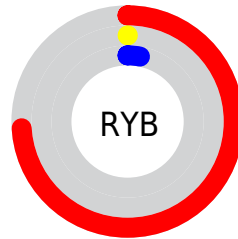
Distribution



Red (74%)

Green (0%)

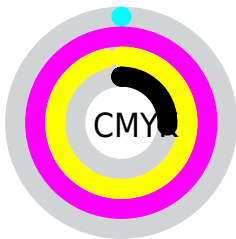
Blue (3%)



Red (74%)

Yellow (0%)

Blue (3%)

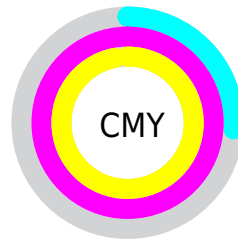


Cyan (0%)

Magenta (100%)

Yellow (96%)

Black (26%)



Cyan (26%)


Magenta (100%)


Yellow (97%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 57.4230, 110.0760, 42.5560 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 57.4230, 110.0760, 42.5560 by changing the saturation by 10% instead.


 57.4230, 110.0760,
42.5560


 57.4230, 110.0760,
42.5560


 253.5180, 4.1730,
-4.0430


 46.9430, 93.5720,
33.2840


 130.5780,
110.5370, 28.6890


 37.3750, 74.5000,
26.5000


 150.6360, 95.4540,
21.1980


 28.1060, 56.0240,
19.9280


 169.9220, 79.7290,
14.3290

 20.0760, 38.3730,
14.9250

 189.9090, 63.4080,
7.2480

 9.6820, 18.7510,
7.0950

 209.8960, 47.0870,
0.1670

 0.0000, 0.0000,
0.0000

 230.5840, 30.1700,

-7.1260

■ 250.2120, 13.4820,
-13.0620

■ 57.4230, 110.0760,
42.5560

■ 70.6280, 99.0730,
38.2170

■ 83.8330, 88.0700,
33.8780

■ 97.0380, 77.0670,
29.5390

■ 110.3570, 65.7430,
25.5110

■ 123.5620, 54.7400,
21.1720

■ 136.7670, 43.7370,
16.8330

■ 149.3850, 33.0090,
13.0170

■ 162.5900, 22.0060,
8.6780

■ 175.7950, 11.0030,
4.3390

Harmonies

Analogous

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



69.5890, 95.9500, 67.2940



57.4230, 110.0760, 42.5560



86.2390, 70.7460, -4.5980

Triad

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



57.4230, 110.0760, 42.5560



72.4240, -44.0980, -48.8500



82.8170, -99.5420, 19.8660

Complementary

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



57.4230, 110.0760, 42.5560



131.5770, -110.0760, -42.5560

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.



91.2970, -101.3740, 9.0100



57.4230, 110.0760, 42.5560



81.8060, -67.7600, -27.5040

Square

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



57.4230, 110.0760, 42.5560



64.5700, -30.2500, -57.5300



89.2160, -88.6250, -7.2890



91.6710, -15.9650, 52.5710

Rectangle

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



57.4230, 110.0760, 42.5560



87.2260, 45.2570, -21.7430



89.2160, -88.6250, -7.2890



87.1540, -102.1090, 16.8270

Sweetspot

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



57.4230, 110.0760, 42.5560



193.4680, 43.1410, 16.6210



75.3660, 46.6110, 96.9390



91.3840, 25.5820, 9.9500



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



57.4230, 110.0760, 42.5560



74.3950, 142.8100, 55.0500



106.4060, 89.2690, -4.3870



87.6910, 5.3640, 1.9080



48.0400, 91.9210, 35.6730



9.3830, 18.1550, 6.8830

Inverse Universe

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



57.4230, 110.0760, 42.5560



74.3950, 142.8100, 55.0500



82.5940, -89.2690, 4.3870



87.6910, 5.3640, 1.9080



48.0400, 91.9210, 35.6730



9.3830, 18.1550, 6.8830

Previews

White Background



This preview shows how the YIQ color 57.4230, 110.0760, 42.5560 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 57.4230, 110.0760, 42.5560

Background



This preview shows how black text looks on a background with the YIQ color 57.4230, 110.0760, 42.5560.



This preview shows how white text looks on a background with the YIQ color 57.4230, 110.0760,

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

57.4230, 110.0760, 42.5560

Protanopia

91.4230, 28.7050, -19.1270

Deuteranopia

89.2970, 46.4950, -22.1530



Tritanopia

66.7780, 107.0980, 30.4420

Trichromacy



Original Color

57.4230, 110.0760, 42.5560

Protanomaly

79.0500, 58.4570, 3.3610

Deuteranomaly

77.7430, 69.5070, 1.3390

Tritanomaly

63.0110, 108.0600, 35.0360

Monochromacy



Original Color

57.4230, 110.0760, 42.5560

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.9730, 40.1610, 15.5610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 57.4230, 110.0760, 42.5560 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(189, 0, 8)` looks like.

```
.text, #text, p{  
    color:rgb(189, 0, 8)  
}
```

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(189, 0, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 0, 8) }
```

Border

The CSS property to change the border of an element to YIQ 57.4230, 110.0760, 42.5560 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(189, 0, 8) }
```


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

```
.border{ border-color:rgb(189, 0, 8) }
```

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

Here you see how a box with a 4 pixel rgb(189, 0, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 0, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(189, 0, 8); box-shadow:4px  
4px 4px 4px rgb(189, 0, 8) }
```

Background

The CSS property to change the background color of an element to YIQ 57.4230, 110.0760, 42.5560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 0, 8) }
```

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

```
.background{ background-color: rgb(189, 0,  
8) }
```

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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