

Converting Colors

YIQ(64.6860, 12.9280, 8.0000)

Have a look what the booklet for
YIQ(64.6860, 12.9280, 8.0000)
contains.

YIQ(64.6860, 12.9280, 8.0000)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(64.6860, 12.9280,
8.0000)**

Conversions

Conversions Part 1

Format	Color
Hex	523840
RGB	82, 56, 64
RGB Percent	32%, 22%, 25%
CMY	0.6784, 0.7804, 0.7490
CMYK	0.00, 0.32, 0.22, 0.68
HSL	342°, 19%, 27%
HSV	342°, 32%, 32%
XYZ	5.8205, 4.9922, 5.5090
YIQ	64.6860, 12.9280, 8.0000

Conversions

Conversions Part 2

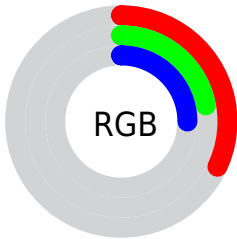
Format	Color
R_{YB}	82, 56, 64
Decimal	5388352
CIE Lab	26.71, 12.98, -0.33
CIE LCh	27, 12.980, 358.544
Yxy	4.9922, 0.3566, 0.3059
Android (android.graphics.Color)	4283578432 (0xFF523840)
YUV	64.6860, -0.3382, 15.1844
Hunter-Lab	22.3432, 7.3997, 1.0215

Details

The YIQ color **64.6860, 12.9280, 8.0000** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **73.3140, -12.9280, -8.0000**, and the grayscale version is **65.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **112.6970, 14.3950, 8.9470**, and **21.4900, 10.5440, 7.1520** is the 20% darker color. If you saturate the color by 10%, you get **59.3060, 17.0540, 10.3180**, and if you desaturate by 10%, it is **70.0660, 8.8020, 5.6820**.

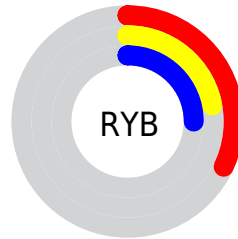
Distribution



Red (32%)

Green (22%)

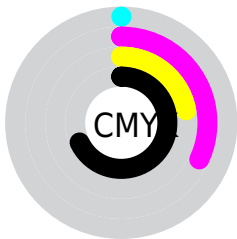
Blue (25%)



Red (32%)

Yellow (22%)

Blue (25%)

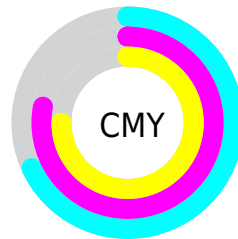


Cyan (0%)

Magenta (32%)

Yellow (22%)

Black (68%)



Cyan (68%)

Magenta (78%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 64.6860, 12.9280, 8.0000 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 64.6860, 12.9280, 8.0000 by changing the saturation by 10% instead.

64.6860, 12.9280,
8.0000

64.6860, 12.9280,
8.0000

255.0000, -0.0000,
-0.0000

42.3870, 12.3320,
7.7880

112.6970, 14.3950,
8.9470

21.4900, 10.5440,
7.1520

137.9960, 14.9910,
9.1590

0.0000, 0.0000,
0.0000

164.2950, 15.5870,
9.3710

191.5940, 16.1830,
9.5830

219.8930, 16.7790,
9.7950

243.5220, 7.5180,

6.9260

■ 64.6860, 12.9280,
8.0000

■ 64.6860, 12.9280,
8.0000

■ 59.3060, 17.0540,
10.3180

■ 70.0660, 8.8020,
5.6820

■ 54.0400, 20.8590,
12.9470

■ 75.3320, 4.9970,
3.0530

■ 48.0730, 25.2600,
15.7880

■ 81.2990, 0.5960,
0.2120

■ 42.6930, 29.3860,
18.1060

■ 86.6790, -3.5300,
-2.1060

■ 37.4270, 33.1910,
20.7350

■ 91.9450, -7.3350,
-4.7350

■ 32.0470, 37.3170,
23.0530

■ 97.3250, -11.4610,
-7.0530

■ 27.3680, 40.8470,
25.1590

■ 102.7050,
-15.5870, -9.3710

■ 108.5580,
-19.6670, -12.5230

■ 113.9380,
-23.7930, -14.8410

Harmonies

Analogous

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



64.9070, 4.9960, 8.5800



64.6860, 12.9280, 8.0000



64.4320, 16.4590, 4.5790

Triad

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



64.6860, 12.9280, 8.0000



61.3390, 3.1190, -6.9690



59.8110, -21.4570, -2.1050

Complementary

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



64.6860, 12.9280, 8.0000



73.3140, -12.9280, -8.0000

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.



58.2900, -21.5480, -5.9640



64.6860, 12.9280, 8.0000



60.6090, -6.5090, -8.6930

Square

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



64.6860, 12.9280, 8.0000



62.5250, 11.4630, -4.0010



59.2320, -15.6330, -8.5370



61.9800, -14.4430, 2.9410

Rectangle

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



64.6860, 12.9280, 8.0000



63.8510, 16.5970, 2.0770



59.2320, -15.6330, -8.5370



59.2730, -22.8780, -3.8860

Sweetspot

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



64.6860, 12.9280, 8.0000



99.7450, 5.2720, 3.5760



64.3460, 2.3820, 11.9020



49.3210, 3.5300, 2.1060



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



64.6860, 12.9280, 8.0000



79.7410, 20.2630, 12.7350



66.7090, 14.1210, 2.8970



38.3100, 2.0630, 1.1590



35.0430, 52.3080, 32.2120



77.5760, 115.1600, 71.5760

Inverse Universe

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



64.6860, 12.9280, 8.0000



79.7410, 20.2630, 12.7350



71.2910, -14.1210, -2.8970



38.3100, 2.0630, 1.1590



35.0430, 52.3080, 32.2120



77.5760, 115.1600, 71.5760

Previews

White Background



This preview shows how the YIQ color 64.6860, 12.9280, 8.0000 looks on a white background.

Color Contrast Check

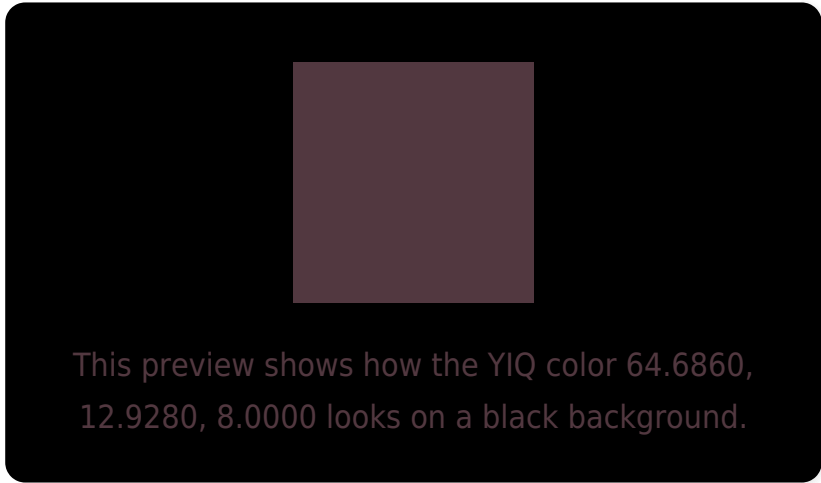
Large Text (above 18pt) WCAG AA ✓ Pass

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

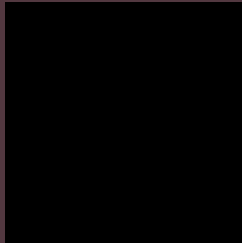
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 64.6860, 12.9280, 8.0000

Background



This preview shows how black text looks on a background with the YIQ color 64.6860, 12.9280, 8.0000.



This preview shows how white text looks on a background with the YIQ color 64.6860, 12.9280,

8.0000.

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

64.6860, 12.9280, 8.0000

Protanopia

63.5700, -1.6050, 1.5550

Deuteranopia

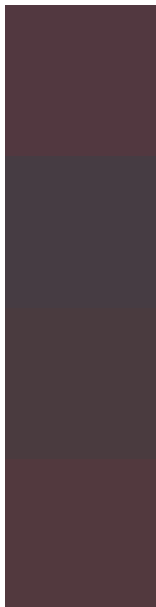
63.9190, 4.7220, 2.5300



Tritanopia

64.9310, 13.6160, 6.5440

Trichromacy



Original Color

64.6860, 12.9280, 8.0000

Protanomaly

63.7880, 3.7130, 4.2970

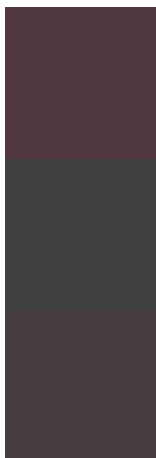
Deuteranomaly

63.9410, 7.6560, 4.4240

Tritanomaly

65.0450, 13.2950, 6.8550

Monochromacy



Original Color

64.6860, 12.9280, 8.0000

Achromatopsia

65.0000, -0.0000, -0.0000

Achromatomaly

65.0330, 4.4010, 2.8410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 64.6860, 12.9280, 8.0000 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(82, 56, 64)` looks like.

```
.text, #text, p{  
    color:rgb(82, 56, 64)  
}
```

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(82, 56, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 56, 64) }
```

Border

The CSS property to change the border of an element to YIQ 64.6860, 12.9280, 8.0000 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(82, 56, 64) }
```


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

```
.border{ border-color:rgb(82, 56, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 56, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 56, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 56, 64);  
box-shadow:4px 4px 4px 4px rgb(82, 56, 64)  
}
```

Background

The CSS property to change the background color of an element to YIQ 64.6860, 12.9280, 8.0000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 56, 64) }
```

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

```
.background{ background-color: rgb(82, 56,  
64) }
```

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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