

Converting Colors

YIQ(58.5280, 15.4080, -14.9280)

Have a look what the booklet for
YIQ(58.5280, 15.4080, -14.9280)
contains.

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Color

**YIQ(58.5280, 15.4080,
-14.9280)**

Conversions

Conversions Part 1

Format	Color
Hex	404010
RGB	64, 64, 16
RGB Percent	25%, 25%, 6%
CMY	0.7491, 0.7490, 0.9372
CMYK	0.00, 0.00, 0.75, 0.75
HSL	60°, 60%, 16%
HSV	60°, 75%, 25%
XYZ	4.0410, 4.7940, 1.2035
YIQ	58.5280, 15.4080, -14.9280

Conversions

Conversions Part 2

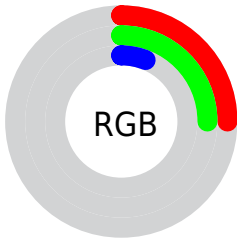
Format	Color
RYB	16, 64, 16
Decimal	4210704
CIELab	26.14, -7.13, 28.10
CIELCh	26, 28.992, 104.230
Yxy	4.7940, 0.4025, 0.4776
Android (android.graphics.Color)	4282400784 (0xFF404010)
YUV	58.5280, -20.9663, 4.7989
Hunter-Lab	21.8952, -5.3728, 12.0676

Details

The YIQ color **58.5280, 15.4080, -14.9280** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **21.4720, -15.4080, 14.9280**, and the grayscale version is **59.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **106.7840, 17.5630, -15.4370**, and **17.3990, 2.8900, -8.3260** is the 20% darker color. If you saturate the color by 10%, you get **57.8440, 17.3340, -16.7940**, and if you desaturate by 10%, it is **59.2120, 13.4820, -13.0620**.

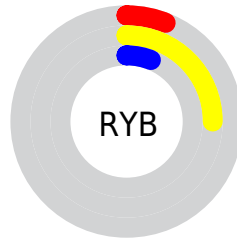
Distribution



Red (25%)

Green (25%)

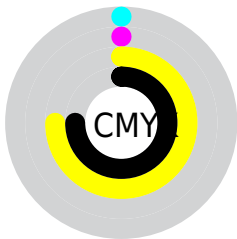
Blue (6%)



Red (6%)

Yellow (25%)

Blue (6%)

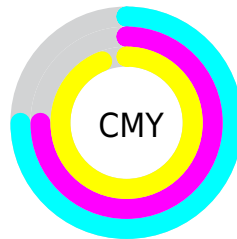


Cyan (0%)

Magenta (0%)

Yellow (75%)

Black (75%)



Cyan (75%)

Magenta (75%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 58.5280, 15.4080, -14.9280 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 58.5280, 15.4080, -14.9280 by changing the saturation by 10% instead.

■ 58.5280, 15.4080,
-14.9280

■ 58.5280, 15.4080,
-14.9280

■ 253.9740, 2.8890,
-2.7990

■ 37.2120, 13.4820,
-13.0620

■ 106.7840, 17.5630,
-15.4370

■ 17.3990, 2.8900,
-8.3260

■ 131.9690, 18.4800,
-15.5360

■ 0.0000, 0.0000,
0.0000

■ 157.8550, 18.8010,
-15.8470

■ 185.0400, 19.7180,
-15.9460

■ 212.8120, 20.3600,
-16.5680

■ 240.9970, 21.2770,

-16.6670

■ 250.6680, 12.1980,
-11.8180

■ 58.5280, 15.4080,
-14.9280

■ 58.5280, 15.4080,
-14.9280

■ 57.8440, 17.3340,
-16.7940

■ 59.2120, 13.4820,
-13.0620

■ 57.0460, 19.5810,
-18.9710

■ 60.0100, 11.2350,
-10.8850

■ 56.7040, 20.5440,
-19.9040

■ 60.6940, 9.3090,
-9.0190

■ 61.4920, 7.0620,
-6.8420

■ 62.1760, 5.1360,
-4.9760

■ 62.8600, 3.2100,
-3.1100

■ 63.6580, 0.9630,
-0.9330

■ 64.3420, -0.9630,
0.9330

■ 65.1400, -3.2100,
3.1100

Harmonies

Analogous

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



60.6270, 28.6110, -6.4050



58.5280, 15.4080, -14.9280



55.4700, -5.0400, -18.8000

Triad

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



58.5280, 15.4080, -14.9280



52.1650, -49.0570, -8.5210



62.9680, 21.3620, 20.3540

Complementary

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



58.5280, 15.4080, -14.9280



21.4720, -15.4080, 14.9280

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.



64.2630, 1.4180, 18.3620



58.5280, 15.4080, -14.9280



51.7720, -52.0840, -3.2200

Square

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



58.5280, 15.4080, -14.9280



51.0590, -43.1870, -15.7870



60.0360, -26.0440, 9.4440



61.3790, 33.1460, 16.0420

Rectangle

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



58.5280, 15.4080, -14.9280



50.6510, -24.6630, -21.1030



60.0360, -26.0440, 9.4440



63.4450, 15.5850, 20.4250

Sweetspot

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



58.5280, 15.4080, -14.9280



81.9480, 5.7780, -5.5980



30.3520, 28.6080, 10.1760



41.7460, 3.5310, -3.4210



171.0000, -0.0000, -0.0000



43.0000, -0.0000, -0.0000

Same Dimension

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



58.5280, 15.4080, -14.9280



75.3360, 24.3960, -23.6360



51.3520, 1.1040, -20.0160



32.6580, 0.9630, -0.9330



85.9420, 31.1370, -30.1670



198.4640, 71.9040, -69.6640

Inverse Universe

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



21.4720, -15.4080, 14.9280



16.6640, -24.3960, 23.6360



28.6480, -1.1040, 20.0160



30.3420, -0.9630, 0.9330



11.0580, -31.1370, 30.1670



25.5360, -71.9040, 69.6640

Previews

White Background



This preview shows how the YIQ color 58.5280, 15.4080, -14.9280 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



This preview shows how the YIQ color 58.5280, 15.4080, -14.9280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

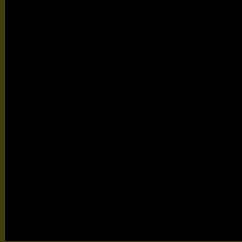
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 58.5280, 15.4080, -14.9280

Background



This preview shows how black text looks on a background with the YIQ color 58.5280, 15.4080, -14.9280.



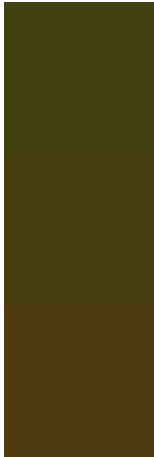
This preview shows how white text looks on a background with the YIQ color 58.5280, 15.4080, -14.9280.

-14.9280.

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

58.5280, 15.4080, -14.9280

Protanopia

59.1480, 19.5340, -12.6100

Deuteranopia

60.0070, 24.4850, -8.7230



Tritanopia

62.8480, 3.4840, 2.9400

Trichromacy



Original Color

58.5280, 15.4080, -14.9280

Protanomaly

59.1370, 18.0670, -13.5570

Deuteranomaly

59.5720, 21.2760, -11.1400

Tritanomaly

61.1980, 8.0700, -3.0820

Monochromacy



Original Color

58.5280, 15.4080, -14.9280

Achromatopsia

59.0000, 0.0000, -0.0000

Achromatomaly

58.9480, 5.7780, -5.5980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 58.5280, 15.4080, -14.9280 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(64, 64, 16)` looks like.

```
.text, #text, p{  
    color:rgb(64, 64, 16)  
}
```

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(64, 64, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 64, 16) }
```

Border

The CSS property to change the border of an element to YIQ 58.5280, 15.4080, -14.9280 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(64, 64, 16) }
```


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

```
.border{ border-color:rgb(64, 64, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 64, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 64, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 64, 16);  
box-shadow:4px 4px 4px 4px rgb(64, 64, 16)  
}
```

Background

The CSS property to change the background color of an element to YIQ 58.5280, 15.4080, -14.9280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 64, 16) }
```

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

```
.background{ background-color: rgb(64, 64,  
16) }
```

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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