

Converting Colors

YIQ(207.2960, 56.2630,
-33.9850)

Have a look what the booklet for
YIQ(207.2960, 56.2630, -33.9850)
contains.

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Color

**YIQ(207.2960, 56.2630,
-33.9850)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D657
RGB	240, 214, 87
RGB Percent	94%, 84%, 34%
CMY	0.0588, 0.1608, 0.6585
CMYK	0.00, 0.11, 0.64, 0.06
HSL	50°, 84%, 64%
HSV	50°, 64%, 94%
XYZ	61.7011, 67.3014, 18.7729
YIQ	207.2960, 56.2630, -33.9850

Conversions

Conversions Part 2

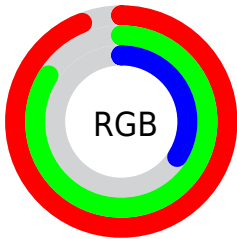
Format	Color
RYB	118, 240, 87
Decimal	15783511
CIELab	85.66, -5.24, 63.95
CIELCh	86, 64.168, 94.683
Yxy	67.3014, 0.4175, 0.4554
Android (android.graphics.Color)	4293973591 (0xFFFF0D657)
YUV	207.2960, -59.3059, 28.6814
Hunter-Lab	82.0374, -9.3141, 43.8587

Details

The YIQ color $207.2960, 56.2630, -33.9850$ is a light color, and the websafe version is hex FFCC66 . The color can be described as light muted yellow. A complement of this color would be $119.7040, -56.2630, 33.9850$, and the grayscale version is $208.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $242.1180, 36.2730, -35.1430$, and $151.2310, 54.8880, -36.6000$ is the 20% darker color. If you saturate the color by 10%, you get $202.2120, 65.0670, -39.3570$, and if you desaturate by 10%, it is $212.3800, 47.4590, -28.6130$.

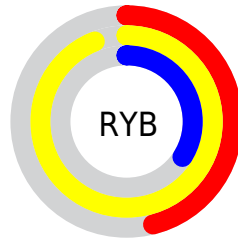
Distribution



Red (94%)

Green (84%)

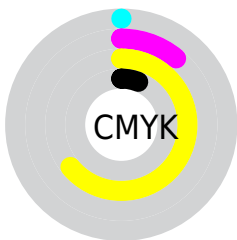
Blue (34%)



Red (46%)

Yellow (94%)

Blue (34%)

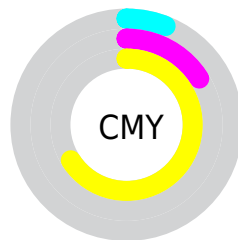


Cyan (0%)

Magenta (11%)

Yellow (64%)

Black (6%)



Cyan (6%)


Magenta (16%)


Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 207.2960, 56.2630, -33.9850 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 207.2960, 56.2630, -33.9850 by changing the saturation by 10% instead.


 207.2960, 56.2630,
-33.9850


 207.2960, 56.2630,
-33.9850


255.0000, -0.0000,
-0.0000


 178.6980, 55.0710,
-34.4090


 242.1180, 36.2730,
-35.1430


 151.2310, 54.8880,
-36.6000


 245.3100, 27.2850,
-26.4350


 124.1060, 53.7420,
-37.8580

 248.5020, 18.2970,
-17.7270

 100.7600, 43.3330,
-30.9310

 251.8080, 8.9880,
-8.7080

 78.5990, 33.8410,
-24.1030

 57.0250, 24.0740,
-17.7980

 36.3370, 14.6280,

-11.8040

■ 16.8230, 4.6320,
-6.8560

■ 0.0000, 0.0000,
0.0000

■ 207.2960, 56.2630,
-33.9850

■ 207.2960, 56.2630,
-33.9850

■ 202.2120, 65.0670,
-39.3570

■ 212.3800, 47.4590,
-28.6130

■ 197.1280, 73.8710,
-44.7290

■ 217.4640, 38.6550,
-23.2410

■ 192.0440, 82.6750,
-50.1010

■ 222.5480, 29.8510,
-17.8690

■ 188.5730, 88.3150,
-53.1970

■ 227.6320, 21.0470,
-12.4970

■ 232.7160, 12.2430,
-7.1250

■ 237.8000, 3.4390,
-1.7530

■ 243.4710, -5.6400,
3.0960

■ 245.8190, -6.7400,
1.0040

■ 248.1670, -7.8400,
-1.0880

Harmonies

Analogous

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



200.8050, 65.7960, -14.0120



207.2960, 56.2630, -33.9850



201.0600, 6.6570, -49.0790

Triad

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



207.2960, 56.2630, -33.9850



171.7110, -148.6800, -47.7840



205.6920, 23.1000, 43.9320

Complementary

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



207.2960, 56.2630, -33.9850



119.7040, -56.2630, 33.9850

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.



212.0170, 2.4710, 26.8150



207.2960, 56.2630, -33.9850



166.4280, -146.2050, -43.0770

Square

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



207.2960, 56.2630, -33.9850



169.1230, -138.6370, -59.0930



192.6170, -70.8810, -9.4810



194.3500, 41.2580, 34.2340

Rectangle

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



207.2960, 56.2630, -33.9850



192.8560, -36.8070, -54.3350



192.6170, -70.8810, -9.4810



209.8010, 21.1750, 40.2710

Sweetspot

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



207.2960, 56.2630, -33.9850



244.8320, 17.6080, -10.7440



135.9390, 82.2000, 41.1440



121.6450, 11.0050, -6.7150



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.



207.2960, 56.2630, -33.9850



213.5130, 71.3490, -43.0750



208.2060, 20.5050, -57.7590



117.4580, 4.4020, -2.6860



144.2400, 67.8640, -40.4880



44.3330, 20.4510, -12.7090

Inverse Universe

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



119.7040, -56.2630, 33.9850



102.4870, -71.3490, 43.0750



119.0930, -19.9090, 57.9710



110.5420, -4.4020, 2.6860



39.1730, -67.5890, 41.0110



12.2540, -20.7260, 12.1860

Previews

White Background



This preview shows how the YIQ color 207.2960, 56.2630, -33.9850 looks on a white background.

Color Contrast Check

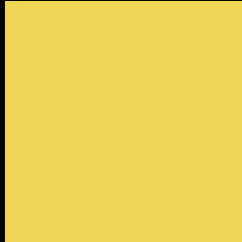
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 207.2960, 56.2630, -33.9850 looks on a black 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

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

YIQ 207.2960, 56.2630, -33.9850

Background



This preview shows how black text looks on a background with the YIQ color 207.2960, 56.2630, -33.9850.



This preview shows how white text looks on a background with the YIQ color 207.2960, 56.2630,

-33.9850.

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

207.2960, 56.2630, -33.9850

Protanopia

207.5840, 55.3920, -34.7200

Deuteranopia

212.2150, 52.9580, -12.6260



Tritanopia

217.6600, 24.9850, 15.2650

Trichromacy



Original Color

207.2960, 56.2630, -33.9850

Protanomaly

207.5840, 55.3920, -34.7200

Deuteranomaly

210.6570, 54.2890, -20.2310

Tritanomaly

214.0410, 36.3130, -2.8150

Monochromacy



Original Color

207.2960, 56.2630, -33.9850

Achromatopsia

207.0000, 0.0000, -0.0000

Achromatomaly

207.3330, 20.4510, -12.7090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 207.2960, 56.2630, -33.9850 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(240, 214, 87)` looks like.

```
.text, #text, p{  
    color:rgb(240, 214, 87)  
}
```

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(240, 214, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 214, 87) }
```

Border

The CSS property to change the border of an element to YIQ 207.2960, 56.2630, -33.9850 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(240, 214, 87) }
```


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

```
.border{ border-color:rgb(240, 214, 87) }
```

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

Here you see how a box with a 4 pixel rgb(240, 214, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 214, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 214, 87);  
box-shadow:4px 4px 4px 4px rgb(240, 214,  
87) }
```

Background

The CSS property to change the background color of an element to YIQ 207.2960, 56.2630, -33.9850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 214, 87) }
```

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

```
.background{ background-color: rgb(240,  
214, 87) }
```

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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