

Converting Colors

YIQ(190.5080, 61.7180,
-28.2180)

Have a look what the booklet for
YIQ(190.5080, 61.7180, -28.2180)
contains.

YIQ(190.5080, 61.7180, -28.2180)	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(190.5080, 61.7180,
-28.2180)**

Conversions

Conversions Part 1

Format	Color
Hex	E8C04A
RGB	232, 192, 74
RGB Percent	91%, 75%, 29%
CMY	0.0902, 0.2471, 0.7095
CMYK	0.00, 0.17, 0.68, 0.09
HSL	45°, 77%, 60%
HSV	45°, 68%, 91%
XYZ	53.3653, 55.3441, 14.3635
YIQ	190.5080, 61.7180, -28.2180

Conversions

Conversions Part 2

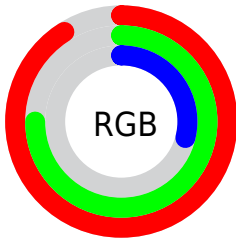
Format	Color
RYB	128, 232, 74
Decimal	15253578
CIELab	79.24, 1.97, 62.39
CIELCh	79, 62.425, 88.188
Yxy	55.3441, 0.4336, 0.4497
Android (android.graphics.Color)	4293443658 (0xFFE8C04A)
YUV	190.5080, -57.4384, 36.3885
Hunter-Lab	74.3936, -2.1440, 40.6281

Details

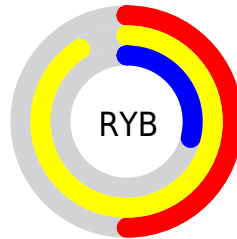
The YIQ color **190.5080, 61.7180, -28.2180** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **115.4920, -61.7180, 28.2180**, and the grayscale version is **191.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **236.4130, 42.6920, -35.8360**, and **134.3460, 61.9940, -33.2220** is the 20% darker color. If you saturate the color by 10%, you get **184.3640, 70.7510, -32.2330**, and if you desaturate by 10%, it is **196.6520, 52.6850, -24.2030**.

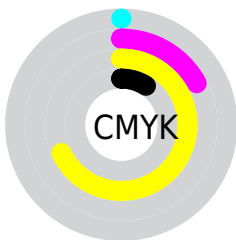
Distribution



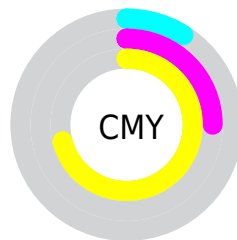
- Red (91%)
- Green (75%)
- Blue (29%)



- Red (50%)
- Yellow (91%)
- Blue (29%)



- Cyan (0%)
- Magenta (17%)
- Yellow (68%)
- Black (9%)



- Cyan (9%)
- Magenta (25%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 190.5080, 61.7180, -28.2180 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 190.5080, 61.7180, -28.2180 by changing the saturation by 10% instead.

190.5080, 61.7180,
-28.2180

190.5080, 61.7180,
-28.2180

255.0000, -0.0000,
-0.0000

162.4970, 60.2510,
-29.1650

236.4130, 42.6920,
-35.8360

134.4600, 61.6730,
-32.9110

243.7140, 31.7790,
-30.7890

109.9740, 54.4740,
-29.0940

246.9060, 22.7910,
-22.0810

86.9270, 44.6610,
-21.9550

250.0980, 13.8030,
-13.3730

65.0540, 34.2980,
-15.8620

253.4040, 4.4940,
-4.3540

44.6540, 23.9810,
-10.6030

24.8520, 14.8560,

-4.9200

■ 0.0000, 0.0000,
0.0000

■ 190.5080, 61.7180,
-28.2180

■ 190.5080, 61.7180,
-28.2180

■ 184.3640, 70.7510,
-32.2330

■ 196.6520, 52.6850,
-24.2030

■ 178.2200, 79.7840,
-36.2480

■ 202.7960, 43.6520,
-20.1880

■ 171.9620, 89.1380,
-40.5740

■ 209.0540, 34.2980,
-15.8620

■ 170.9190, 90.6970,
-41.2950

■ 215.1980, 25.2650,
-11.8470

■ 220.7550, 16.5070,
-7.3090

■ 226.8990, 7.4740,
-3.2940

■ 233.0430, -1.5590,
0.7210

■ 238.7310, -9.3080,
3.4920

■ 242.2530,
-10.9580, 0.3540

Harmonies

Analogous

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



187.2070, 73.7720, -4.3720



190.5080, 61.7180, -28.2180



184.7410, 17.9810, -45.0510

Triad

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



190.5080, 61.7180, -28.2180



159.8740, -141.5290, -39.7130



198.6480, 26.4000, 50.2080

Complementary

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



190.5080, 61.7180, -28.2180



115.4920, -61.7180, 28.2180

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.



193.6110, -16.8770, 25.0350



190.5080, 61.7180, -28.2180



157.0360, -141.8050, -34.7090

Square

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



190.5080, 61.7180, -28.2180



153.8490, -123.1860, -58.2740



165.5620, -104.5790, -15.5150



184.3880, 47.2630, 41.0470

Rectangle

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



190.5080, 61.7180, -28.2180



178.4620, -20.8980, -50.8020



165.5620, -104.5790, -15.5150



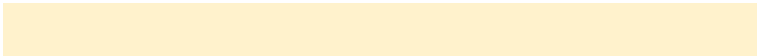
200.3540, 18.2400, 43.9040

Sweetspot

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



190.5080, 61.7180, -28.2180



241.5550, 19.9460, -9.0620



126.0300, 80.6860, 46.5580



119.7700, 12.1510, -5.4570



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.



190.5080, 61.7180, -28.2180



200.0630, 81.6640, -37.2800



202.9250, 28.6660, -56.9820



111.8710, 4.6770, -2.1630



131.5920, 70.1090, -31.6110



37.5550, 19.9460, -9.0620

Inverse Universe

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



115.4920, -61.7180, 28.2180



100.9370, -81.6640, 37.2800



103.0750, -28.6660, 56.9820



106.1290, -4.6770, 2.1630



46.8210, -69.8340, 32.1340



13.4450, -19.9460, 9.0620

Previews

White Background



This preview shows how the YIQ color 190.5080, 61.7180, -28.2180 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 190.5080, 61.7180, -28.2180 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 190.5080, 61.7180, -28.2180

Background



This preview shows how black text looks on a background with the YIQ color 190.5080, 61.7180, -28.2180.



This preview shows how white text looks on a background with the YIQ color 190.5080, 61.7180,

-28.2180.

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

190.5080, 61.7180, -28.2180

Protanopia

189.6700, 52.2740, -33.2780

Deuteranopia

191.6880, 70.1990, -22.2250



Tritanopia

199.8350, 31.8620, 17.2860

Trichromacy



Original Color

190.5080, 61.7180, -28.2180

Protanomaly

189.9910, 55.8040, -31.1720

Deuteranomaly

191.2530, 66.9900, -24.6420

Tritanomaly

196.2700, 43.0980, 0.8740

Monochromacy



Original Color

190.5080, 61.7180, -28.2180

Achromatopsia

191.0000, -0.0000, -0.0000

Achromatomaly

190.5830, 22.7430, -10.1930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.5080, 61.7180, -28.2180 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(232, 192, 74)` looks like.

```
.text, #text, p{  
    color:rgb(232, 192, 74)  
}
```

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(232, 192, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 192, 74) }
```

Border

The CSS property to change the border of an element to YIQ 190.5080, 61.7180, -28.2180 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(232, 192, 74) }
```


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

```
.border{ border-color:rgb(232, 192, 74) }
```

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

Here you see how a box with a 4 pixel rgb(232, 192, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 192, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 192, 74);  
box-shadow:4px 4px 4px 4px rgb(232, 192,  
74) }
```

Background

The CSS property to change the background color of an element to YIQ 190.5080, 61.7180, -28.2180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 192, 74) }
```

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

```
.background{ background-color: rgb(232,  
192, 74) }
```

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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