

Converting Colors

YIQ(211.0990, 55.6200,
-27.8360)

Have a look what the booklet for
YIQ(211.0990, 55.6200, -27.8360)
contains.

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Color

**YIQ(211.0990, 55.6200,
-27.8360)**

Conversions

Conversions Part 1

Format	Color
Hex	F7D666
RGB	247, 214, 102
RGB Percent	97%, 84%, 40%
CMY	0.0314, 0.1608, 0.5997
CMYK	0.00, 0.13, 0.59, 0.03
HSL	46°, 90%, 68%
HSV	46°, 59%, 97%
XYZ	64.8037, 68.8214, 22.4591
YIQ	211.0990, 55.6200, -27.8360

Conversions

Conversions Part 2

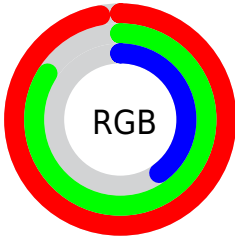
Format	Color
RYB	145, 247, 102
Decimal	16242278
CIELab	86.42, -1.37, 58.41
CIELCh	86, 58.425, 91.348
Yxy	68.8214, 0.4152, 0.4409
Android (android.graphics.Color)	4294432358 (0xFFF7D666)
YUV	211.0990, -53.7858, 31.4852
Hunter-Lab	82.9587, -5.7412, 42.0197

Details

The YIQ color $211.0990, 55.6200, -27.8360$ is a light color, and the websafe version is hex FFCC66 . A complement of this color would be $137.9010, -55.6200, 27.8360$, and the grayscale version is $212.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $243.7140, 31.7790, -30.7890$, and $155.6040, 52.6400, -28.8960$ is the 20% darker color. If you saturate the color by 10%, you get $204.7270, 65.2950, -32.4730$, and if you desaturate by 10%, it is $217.4710, 45.9450, -23.1990$.

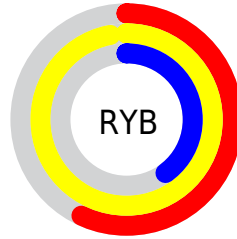
Distribution



Red (97%)

Green (84%)

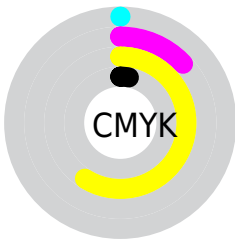
Blue (40%)



Red (57%)

Yellow (97%)

Blue (40%)

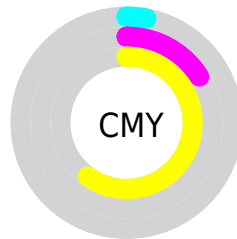


Cyan (0%)

Magenta (13%)

Yellow (59%)

Black (3%)



Cyan (3%)


Magenta (16%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 211.0990, 55.6200, -27.8360 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 211.0990, 55.6200, -27.8360 by changing the saturation by 10% instead.


 211.0990, 55.6200,
-27.8360


 211.0990, 55.6200,
-27.8360


255.0000, -0.0000,
-0.0000


 182.6150, 54.1070,
-27.9490


 243.7140, 31.7790,
-30.7890


 155.6040, 52.6400,
-28.8960


 246.9060, 22.7910,
-22.0810


 128.0230, 52.7780,
-31.3980

 250.2120, 13.4820,
-13.0620

 102.8530, 47.5050,
-29.4470

 253.5180, 4.1730,
-4.0430

 80.6920, 38.0130,
-22.6190

 59.1180, 28.2460,
-16.3140

 38.4300, 18.8000,

-10.3200

■ 19.2150, 9.4000,
-5.1600

■ 0.0000, 0.0000,
0.0000

■ 211.0990, 55.6200,
-27.8360

■ 211.0990, 55.6200,
-27.8360

■ 204.7270, 65.2950,
-32.4730

■ 217.4710, 45.9450,
-23.1990

■ 199.0560, 74.3740,
-37.3220

■ 223.1420, 36.8660,
-18.3500

■ 192.6840, 84.0490,
-41.9590

■ 229.5140, 27.1910,
-13.7130

■ 186.3120, 93.7240,
-46.5960

■ 235.2990, 17.7910,
-8.5530

■ 185.9700, 94.6870,
-47.5290

■ 241.6710, 8.1160,
-3.9160

■ 247.9290, -1.2380,
0.4100

■ 251.4340, -4.2180,
-0.6500

■ 252.6080, -4.7680,
-1.6960

Harmonies

Analogous

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



203.8030, 60.1100, -10.0820



211.0990, 55.6200, -27.8360



205.2720, 12.1120, -43.3120

Triad

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



211.0990, 55.6200, -27.8360



171.7110, -148.6800, -47.7840



210.9750, 20.6250, 39.2250

Complementary

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



211.0990, 55.6200, -27.8360



137.9010, -55.6200, 27.8360

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.



214.0330, -3.6260, 21.6700



211.0990, 55.6200, -27.8360



167.6020, -146.7550, -44.1230

Square

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



211.0990, 55.6200, -27.8360



167.9660, -136.7570, -60.1250



195.8730, -68.7260, -9.9900



200.6590, 35.8940, 32.3260

Rectangle

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



211.0990, 55.6200, -27.8360



199.0040, -25.3000, -48.1160



195.8730, -68.7260, -9.9900



215.0840, 18.7000, 35.5640

Sweetspot

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



211.0990, 55.6200, -27.8360



243.8860, 17.5160, -9.0760



149.2310, 75.5060, 41.3140



120.5850, 11.2340, -5.3580



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.



211.0990, 55.6200, -27.8360



210.6410, 68.4130, -33.9150



218.8090, 23.3010, -53.3630



119.4580, 4.4020, -2.6860



140.1420, 71.2560, -35.8800



44.0560, 22.7890, -11.0270

Inverse Universe

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



137.9010, -55.6200, 27.8360



120.7720, -68.1380, 34.4380



130.1910, -23.3010, 53.3630



113.1290, -4.6770, 2.1630



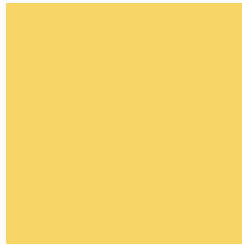
45.8580, -71.2560, 35.8800



14.3570, -22.5140, 11.5500

Previews

White Background



This preview shows how the YIQ color 211.0990, 55.6200, -27.8360 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 211.0990, 55.6200, -27.8360 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 211.0990, 55.6200, -27.8360

Background



This preview shows how black text looks on a background with the YIQ color 211.0990, 55.6200, -27.8360.



This preview shows how white text looks on a background with the YIQ color 211.0990, 55.6200, -27.8360.

-27.8360.

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

211.0990, 55.6200, -27.8360

Protanopia

210.8810, 50.3020, -30.5780

Deuteranopia

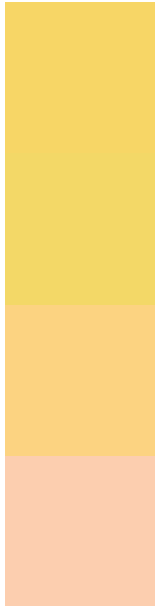
215.3440, 48.2810, -10.4630



Tritanopia

219.5570, 26.7730, 15.9010

Trichromacy



Original Color

211.0990, 55.6200, -27.8360

Protanomaly

211.1910, 52.3650, -29.4190

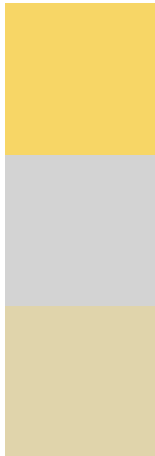
Deuteranomaly

213.9110, 50.7580, -16.8100

Tritanomaly

216.2200, 37.3670, 0.1110

Monochromacy



Original Color

211.0990, 55.6200, -27.8360

Achromatopsia

211.0000, 0.0000, -0.0000

Achromatomaly

210.9140, 20.3130, -10.2070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.0990, 55.6200, -27.8360 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(247, 214, 102)` looks like.

```
.text, #text, p{  
    color:rgb(247, 214, 102)  
}
```

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(247, 214, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 214, 102) }
```

Border

The CSS property to change the border of an element to YIQ 211.0990, 55.6200, -27.8360 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(247, 214, 102) }
```


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

```
.border{ border-color:rgb(247, 214, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 214, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 214, 102); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 214, 102); box-shadow:4px 4px 4px 4px rgb(247, 214, 102) }
```

Background

The CSS property to change the background color of an element to YIQ 211.0990, 55.6200, -27.8360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 214, 102) }
```

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

```
.background{ background-color: rgb(247,  
214, 102) }
```

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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