

Converting Colors

YIQ(190.8430, 62.6330,
-17.2630)

Have a look what the booklet for
YIQ(190.8430, 62.6330, -17.2630)
contains.

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Color

**YIQ(190.8430, 62.6330,
-17.2630)**

Conversions

Conversions Part 1

Format	Color
Hex	F0B95C
RGB	240, 185, 92
RGB Percent	94%, 73%, 36%
CMY	0.0588, 0.2746, 0.6389
CMYK	0.00, 0.23, 0.62, 0.06
HSL	38°, 83%, 65%
HSV	38°, 62%, 94%
XYZ	55.2209, 53.9908, 17.6548
YIQ	190.8430, 62.6330, -17.2630

Conversions

Conversions Part 2

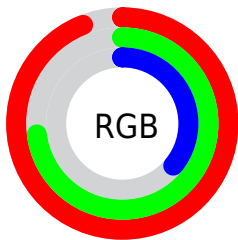
Format	Color
RYB	180, 240, 92
Decimal	15776092
CIELab	78.46, 10.07, 53.80
CIELCh	78, 54.731, 79.393
Yxy	53.9908, 0.4353, 0.4256
Android (android.graphics.Color)	4293966172 (0xFFFF0B95C)
YUV	190.8430, -48.7296, 43.1107
Hunter-Lab	73.4784, 5.5600, 37.1892

Details

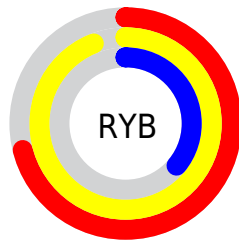
The YIQ color $190.8430, 62.6330, -17.2630$ is a light color, and the websafe version is hex FFCC66 . The color can be described as light muted orange. A complement of this color would be $141.1570, -62.6330, 17.2630$, and the grayscale version is $191.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $234.2420, 39.1600, -26.8880$, and $135.8640, 58.1400, -18.4360$ is the 20% darker color. If you saturate the color by 10%, you get $182.8240, 72.8120, -20.0200$, and if you desaturate by 10%, it is $198.8620, 52.4540, -14.5060$.

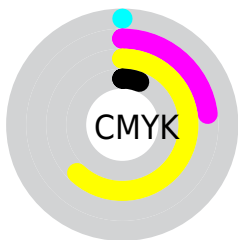
Distribution



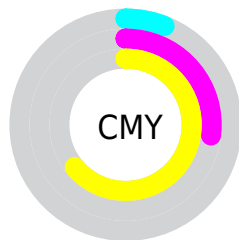
- Red (94%)
- Green (73%)
- Blue (36%)



- Red (71%)
- Yellow (94%)
- Blue (36%)



- Cyan (0%)
- Magenta (23%)
- Yellow (62%)
- Black (6%)





- Cyan (6%)
- Magenta (27%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 190.8430, 62.6330, -17.2630 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 190.8430, 62.6330, -17.2630 by changing the saturation by 10% instead.


 190.8430, 62.6330,
-17.2630


 190.8430, 62.6330,
-17.2630


255.0000, -0.0000,
-0.0000

 163.0600, 60.5240,
-17.5880


 234.2420, 39.1600,
-26.8880


 135.8640, 58.1400,
-18.4360


 245.5380, 26.6430,
-25.8130


 108.7560, 58.3240,
-21.7720

 248.7300, 17.6550,
-17.1050

 85.4980, 50.4830,
-17.3330

 252.0360, 8.3460,
-8.0860

 63.6250, 40.1200,
-11.2400

 42.6380, 30.0780,
-5.4580

 23.1240, 20.0820,

-0.5100

■ 2.6910, 5.3640,
1.9080

■ 0.0000, 0.0000,
0.0000

■ 190.8430, 62.6330,
-17.2630

■ 190.8430, 62.6330,
-17.2630

■ 182.8240, 72.8120,
-20.0200

■ 198.8620, 52.4540,
-14.5060

■ 174.8050, 82.9910,
-22.7770

■ 206.8810, 42.2750,
-11.7490

■ 166.7860, 93.1700,
-25.5340

■ 214.9000, 32.0960,
-8.9920

■ 160.3970,
101.5150, -28.0930

■ 222.9190, 21.9170,
-6.2350

■ 230.9380, 11.7380,
-3.4780

■ 238.9570, 1.5590,
-0.7210

■ 245.8190, -6.7400,
1.0040

■ 250.5150, -8.9400,
-3.1800

Harmonies

Analogous

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



187.2530, 68.1310, 4.2510



190.8430, 62.6330, -17.2630



186.1110, 28.9830, -35.1850

Triad

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



190.8430, 62.6330, -17.2630



154.9040, -133.0460, -44.7740



199.1470, 14.3890, 42.1090

Complementary

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



190.8430, 62.6330, -17.2630



141.1570, -62.6330, 17.2630

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.



189.9570, -32.8310, 16.8090



190.8430, 62.6330, -17.2630



155.8620, -141.2550, -33.6630

Square

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



190.8430, 62.6330, -17.2630



158.2560, -96.4110, -53.4270



161.6640, -113.7940, -19.2180



190.4520, 41.2110, 40.5950

Rectangle

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



190.8430, 62.6330, -17.2630



182.1980, -2.2390, -42.0390



161.6640, -113.7940, -19.2180



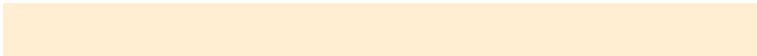
196.6890, 0.8190, 34.7310

Sweetspot

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



190.8430, 62.6330, -17.2630



239.7770, 19.4410, -5.4150



142.7500, 69.9110, 49.1030



118.2370, 12.3340, -3.2660



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.



190.8430, 62.6330, -17.2630



192.3640, 79.9190, -22.1690



218.0450, 37.3760, -49.6320



115.6970, 5.2270, -1.1170



122.5210, 78.0390, -21.1370



37.2890, 23.7510, -6.4330

Inverse Universe

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



141.1570, -62.6330, 17.2630



129.2230, -80.1940, 21.6460



113.9550, -37.3760, 49.6320



111.7160, -4.9520, 1.6400



60.8920, -77.7640, 21.6600



18.7110, -23.7510, 6.4330

Previews

White Background



This preview shows how the YIQ color 190.8430, 62.6330, -17.2630 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 190.8430, 62.6330, -17.2630 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 190.8430, 62.6330, -17.2630

Background



This preview shows how black text looks on a background with the YIQ color 190.8430, 62.6330, -17.2630.



This preview shows how white text looks on a background with the YIQ color 190.8430, 62.6330, -17.2630.

-17.2630.

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

190.8430, 62.6330, -17.2630

Protanopia

189.5800, 44.0200, -26.8600

Deuteranopia

190.8430, 62.6330, -17.2630



Tritanopia

197.7220, 39.6100, 20.0420

Trichromacy



Original Color

190.8430, 62.6330, -17.2630

Protanomaly

189.8090, 50.8050, -23.1710

Deuteranomaly

190.8430, 62.6330, -17.2630

Tritanomaly

195.1830, 47.9570, 6.4290

Monochromacy



Original Color

190.8430, 62.6330, -17.2630

Achromatopsia

191.0000, -0.0000, -0.0000

Achromatomaly

191.1040, 22.8340, -6.3340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.8430, 62.6330, -17.2630 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, 185, 92)` looks like.

```
.text, #text, p{  
    color:rgb(240, 185, 92)  
}
```

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, 185, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 185, 92) }
```

Border

The CSS property to change the border of an element to YIQ 190.8430, 62.6330, -17.2630 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, 185, 92) }
```


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

```
.border{ border-color:rgb(240, 185, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 185, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 185, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 185, 92);  
box-shadow:4px 4px 4px 4px rgb(240, 185,  
92) }
```

Background

The CSS property to change the background color of an element to YIQ 190.8430, 62.6330, -17.2630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 185, 92) }
```

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

```
.background{ background-color: rgb(240,  
185, 92) }
```

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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