

Converting Colors

YIQ(191.2430, 55.7550,
-13.7570)

Have a look what the booklet for
YIQ(191.2430, 55.7550, -13.7570)
contains.

YIQ(191.2430, 55.7550, -13.7570)	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(191.2430, 55.7550,
-13.7570)**

Conversions

Conversions Part 1

Format	Color
Hex	ECB96A
RGB	236, 185, 106
RGB Percent	93%, 73%, 42%
CMY	0.0744, 0.2746, 0.5840
CMYK	0.00, 0.22, 0.55, 0.07
HSL	36°, 77%, 67%
HSV	36°, 55%, 93%
XYZ	54.5479, 53.5670, 21.1198
YIQ	191.2430, 55.7550, -13.7570

Conversions

Conversions Part 2

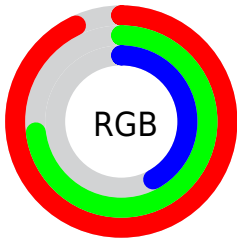
Format	Color
R _Y B	190, 236, 106
Decimal	15513962
CIE Lab	78.21, 9.44, 46.66
CIE LCh	78, 47.601, 78.561
Yxy	53.5670, 0.4221, 0.4145
Android (android.graphics.Color)	4293704042 (0xFFECB96A)
YUV	191.2430, -42.0248, 39.2519
Hunter-Lab	73.1895, 4.9539, 34.1237

Details

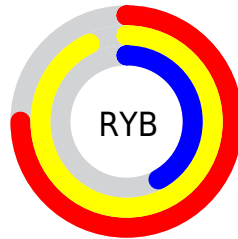
The YIQ color $191.2430, 55.7550, -13.7570$ is a light color, and the websafe version is hex FFCC66 . A complement of this color would be $150.7570, -55.7550, 13.7570$, and the grayscale version is $192.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $235.8380, 34.6660, -22.5340$, and $136.7910, 51.2160, -14.0960$ is the 20% darker color. If you saturate the color by 10%, you get $183.2240, 65.9340, -16.5140$, and if you desaturate by 10%, it is $199.2620, 45.5760, -11.0000$.

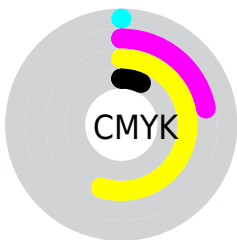
Distribution



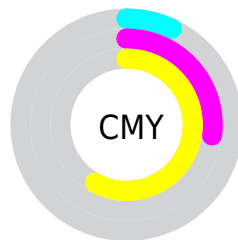
- Red (93%)
- Green (73%)
- Blue (42%)



- Red (75%)
- Yellow (93%)
- Blue (42%)



- Cyan (0%)
- Magenta (22%)
- Yellow (55%)
- Black (7%)





- Cyan (7%)
- Magenta (27%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 191.2430, 55.7550, -13.7570 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 191.2430, 55.7550, -13.7570 by changing the saturation by 10% instead.


 191.2430, 55.7550,
-13.7570


 191.2430, 55.7550,
-13.7570


255.0000, -0.0000,
-0.0000


 163.5740, 53.3250,
-13.7710


 235.8380, 34.6660,
-22.5340

 136.7910, 51.2160,
-14.0960


 247.2480, 21.8280,
-21.1480


 110.7800, 49.7490,
-15.0430

 250.4400, 12.8400,
-12.4400

 84.9000, 49.2910,
-17.7570

 253.6320, 3.8520,
-3.7320

 63.3260, 39.5240,
-11.4520

 42.3390, 29.4820,
-5.6700

 22.8250, 19.4860,

-0.7220

■ 1.1960, 2.3840,
0.8480

■ 0.0000, 0.0000,
0.0000

■ 191.2430, 55.7550,
-13.7570

■ 191.2430, 55.7550,
-13.7570

■ 183.2240, 65.9340,
-16.5140

■ 199.2620, 45.5760,
-11.0000

■ 174.7320, 76.0670,
-18.4370

■ 207.7540, 35.4430,
-9.0770

■ 166.7130, 86.2460,
-21.1940

■ 215.7730, 25.2640,
-6.3200

■ 158.8080, 96.1040,
-23.6400

■ 223.6780, 15.4060,
-3.8740

154.5050,
101.3310, -24.7570

231.6970, 5.2270,
-1.1170

240.3030, -5.2270,
1.1170

246.3840, -9.9490,
-1.4130

249.3190,
-11.3240, -4.0280

Harmonies

Analogous

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



190.1540, 64.0960, 5.7920



191.2430, 55.7550, -13.7570



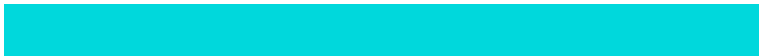
187.0170, 26.5520, -29.6720

Triad

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



191.2430, 55.7550, -13.7570



151.8720, -130.0200, -44.5480



199.0600, 10.0800, 37.6000

Complementary

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



191.2430, 55.7550, -13.7570



150.7570, -55.7550, 13.7570

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.



190.8540, -31.0430, 17.4450



191.2430, 55.7550, -13.7570



153.5140, -140.1550, -31.5710

Square

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



191.2430, 55.7550, -13.7570



169.6620, -67.8950, -41.5830



173.9450, -86.4240, -8.6320



194.3330, 39.9280, 36.3120

Rectangle

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



191.2430, 55.7550, -13.7570



183.5560, -0.1310, -36.1870



173.9450, -86.4240, -8.6320



196.9550, -2.9860, 32.1020

Sweetspot

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



191.2430, 55.7550, -13.7570



240.1190, 18.4780, -4.4820



150.7980, 60.7880, 43.7320



118.5790, 11.3710, -2.3330



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.



191.2430, 55.7550, -13.7570



197.1060, 72.0780, -17.7300



217.2930, 33.9820, -43.1860



113.3980, 4.6310, -1.3290



118.6890, 77.6260, -19.1580



35.5170, 23.1090, -5.8110

Inverse Universe

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



150.7570, -55.7550, 13.7570



144.8940, -72.0780, 17.7300



124.7070, -33.9820, 43.1860



109.6020, -4.6310, 1.3290



62.3110, -77.6260, 19.1580



18.4830, -23.1090, 5.8110

Previews

White Background



This preview shows how the YIQ color 191.2430, 55.7550, -13.7570 looks on a white background.

Color Contrast Check

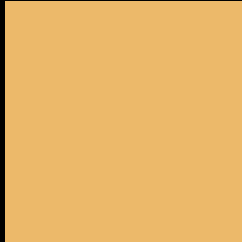
Large Text (above 18pt) WCAG AA × Fail

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 191.2430, 55.7550, -13.7570 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 191.2430, 55.7550, -13.7570

Background



This preview shows how black text looks on a background with the YIQ color 191.2430, 55.7550, -13.7570.



This preview shows how white text looks on a background with the YIQ color 191.2430, 55.7550, -13.7570.

-13.7570.

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

191.2430, 55.7550, -13.7570

Protanopia

189.9910, 38.6090, -22.4070

Deuteranopia

191.5420, 56.3510, -13.5450



Tritanopia

196.9280, 36.0340, 18.7700

Trichromacy



Original Color

191.2430, 55.7550, -13.7570

Protanomaly

190.5080, 44.5230, -19.4530

Deuteranomaly

191.5420, 56.3510, -13.5450

Tritanomaly

194.9590, 42.7760, 6.7120

Monochromacy



Original Color

191.2430, 55.7550, -13.7570

Achromatopsia

191.0000, -0.0000, -0.0000

Achromatomaly

191.0760, 20.0370, -5.2030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 191.2430, 55.7550, -13.7570 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(236, 185, 106)` looks like.

```
.text, #text, p{  
    color:rgb(236, 185, 106)  
}
```

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(236, 185, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 185, 106) }
```

Border

The CSS property to change the border of an element to YIQ 191.2430, 55.7550, -13.7570 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(236, 185, 106) }
```


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

```
.border{ border-color:rgb(236, 185, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 185, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 185, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 185, 106);  
box-shadow:4px 4px 4px 4px rgb(236, 185,  
106) }
```

Background

The CSS property to change the background color of an element to YIQ 191.2430, 55.7550, -13.7570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 185, 106) }
```

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

```
.background{ background-color: rgb(236,  
185, 106) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor