

Converting Colors

YIQ(193.8830, 47.9610,
-15.6790)

Have a look what the booklet for
YIQ(193.8830, 47.9610, -15.6790)
contains.

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Color

**YIQ(193.8830, 47.9610,
-15.6790)**

Conversions

Conversions Part 1

Format	Color
Hex	E6BF72
RGB	230, 191, 114
RGB Percent	90%, 75%, 45%
CMY	0.0980, 0.2510, 0.5527
CMYK	0.00, 0.17, 0.50, 0.10
HSL	40°, 70%, 67%
HSV	40°, 50%, 90%
XYZ	54.3049, 55.2956, 23.7496
YIQ	193.8830, 47.9610, -15.6790

Conversions

Conversions Part 2

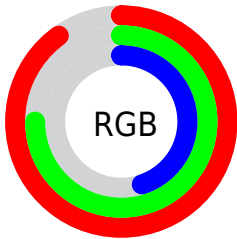
Format	Color
RYB	173, 230, 114
Decimal	15122290
CIELab	79.21, 4.50, 43.77
CIELCh	79, 43.997, 84.129
Yxy	55.2956, 0.4072, 0.4147
Android (android.graphics.Color)	4293312370 (0xFFE6BF72)
YUV	193.8830, -39.3823, 31.6746
Hunter-Lab	74.3610, 0.2244, 33.1166

Details

The YIQ color **193.8830, 47.9610, -15.6790** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **150.1170, -47.9610, 15.6790**, and the grayscale version is **194.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **240.2720, 30.4480, -23.1840**, and **139.7300, 44.0180, -15.8060** is the 20% darker color. If you saturate the color by 10%, you get **186.5650, 57.5440, -18.6480**, and if you desaturate by 10%, it is **201.2010, 38.3780, -12.7100**.

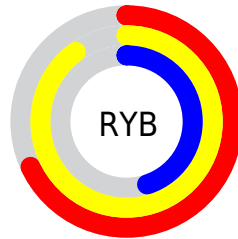
Distribution



Red (90%)

Green (75%)

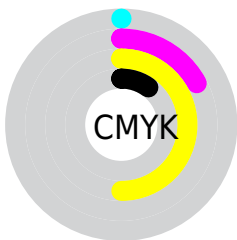
Blue (45%)



Red (68%)

Yellow (90%)

Blue (45%)

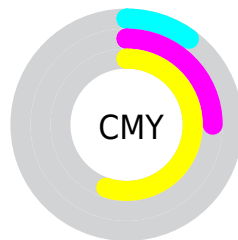


Cyan (0%)

Magenta (17%)

Yellow (50%)

Black (10%)



Cyan (10%)

Magenta (25%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.8830, 47.9610, -15.6790 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 193.8830, 47.9610, -15.6790 by changing the saturation by 10% instead.

193.8830, 47.9610,
-15.6790

193.8830, 47.9610,
-15.6790

255.0000, -0.0000,
-0.0000

166.5130, 46.1270,
-15.4810

240.2720, 30.4480,
-23.1840

139.7300, 44.0180,
-15.8060

248.1600, 19.2600,
-18.6600

113.2460, 42.5050,
-15.9190

251.3520, 10.2720,
-9.9520

88.0070, 41.6800,
-17.4880

254.6580, 0.9630,
-0.9330

65.0650, 35.7650,
-14.9150

44.3770, 26.3190,
-8.9210

25.1620, 16.9190,

-3.7610

■ 0.8970, 1.7880,
0.6360

■ 0.0000, 0.0000,
0.0000

■ 193.8830, 47.9610,
-15.6790

■ 193.8830, 47.9610,
-15.6790

■ 186.5650, 57.5440,
-18.6480

■ 201.2010, 38.3780,
-12.7100

■ 179.8340, 66.8520,
-22.1400

■ 207.9320, 29.0700,
-9.2180

■ 172.5160, 76.4350,
-25.1090

■ 215.2500, 19.4870,
-6.2490

■ 165.1980, 86.0180,
-28.0780

■ 222.5680, 9.9040,
-3.2800

■ 158.5810, 95.0050,
-31.2590

■ 229.8860, 0.3210,
-0.3110

■ 236.6170, -8.9870,
3.1810

■ 241.6550,
-12.1500, -0.0700

■ 246.3510,
-14.3500, -4.2540

■ 247.5250,
-14.9000, -5.3000

Harmonies

Analogous

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



195.0780, 61.2540, 2.2300



193.8830, 47.9610, -15.6790



189.9390, 18.0240, -29.3040

Triad

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



193.8830, 47.9610, -15.6790



153.3710, -132.8630, -42.5830



201.8280, 16.5450, 36.0730

Complementary

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



193.8830, 47.9610, -15.6790



150.1170, -47.9610, 15.6790

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.



196.5240, -21.1860, 20.5260



193.8830, 47.9610, -15.6790



161.8750, -124.9340, -26.5820

Square

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



193.8830, 47.9610, -15.6790



173.6990, -69.3170, -37.8370



184.1110, -66.1600, -1.4240



196.5840, 40.4790, 31.8310

Rectangle

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



193.8830, 47.9610, -15.6790



186.0160, -7.2380, -34.0380



184.1110, -66.1600, -1.4240



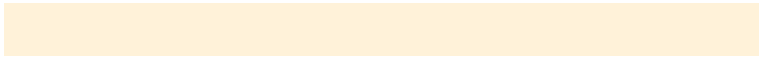
200.8310, 3.2950, 33.9110

Sweetspot

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



193.8830, 47.9610, -15.6790



243.0370, 15.7730, -5.0190



153.3580, 55.9750, 37.3430



120.6820, 9.5830, -2.9690



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.



193.8830, 47.9610, -15.6790



207.6210, 63.1380, -20.9100



211.6930, 27.1040, -39.6800



111.2840, 4.9520, -1.6400



122.7870, 74.2340, -23.7660



35.2070, 21.0460, -6.9700

Inverse Universe

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



150.1170, -47.9610, 15.6790



149.3790, -63.1380, 20.9100



132.3070, -27.1040, 39.6800



106.7160, -4.9520, 1.6400



55.6260, -73.9590, 24.2890



15.7930, -21.0460, 6.9700

Previews

White Background



This preview shows how the YIQ color 193.8830, 47.9610, -15.6790 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 193.8830, 47.9610, -15.6790 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 193.8830, 47.9610, -15.6790

Background



This preview shows how black text looks on a background with the YIQ color 193.8830, 47.9610, -15.6790.



This preview shows how white text looks on a background with the YIQ color 193.8830, 47.9610, -15.6790.

-15.6790.

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

193.8830, 47.9610, -15.6790

Protanopia

192.5610, 37.0040, -20.8520

Deuteranopia

194.3400, 54.1040, -11.3680



Tritanopia

199.6390, 29.4780, 16.4380

Trichromacy



Original Color

193.8830, 47.9610, -15.6790

Protanomaly

192.7680, 40.8550, -19.0570

Deuteranomaly

194.0300, 52.0410, -12.5270

Tritanomaly

197.7840, 35.8990, 4.6910

Monochromacy



Original Color

193.8830, 47.9610, -15.6790

Achromatopsia

194.0000, -0.0000, 0.0000

Achromatomaly

193.9940, 17.3320, -5.7400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.8830, 47.9610, -15.6790 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(230, 191, 114)` looks like.

```
.text, #text, p{  
    color:rgb(230, 191, 114)  
}
```

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(230, 191, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 191, 114) }
```

Border

The CSS property to change the border of an element to YIQ 193.8830, 47.9610, -15.6790 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(230, 191, 114) }
```


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

```
.border{ border-color:rgb(230, 191, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 191, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 191, 114); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 191, 114); box-shadow:4px 4px 4px 4px rgb(230, 191, 114) }
```

Background

The CSS property to change the background color of an element to YIQ 193.8830, 47.9610, -15.6790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 191, 114) }
```

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

```
.background{ background-color: rgb(230,  
191, 114) }
```

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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