

Converting Colors

YIQ(190.7450, 31.6350, 4.8750)

Have a look what the booklet for
YIQ(190.7450, 31.6350, 4.8750)
contains.

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Color

**YIQ(190.7450, 31.6350,
4.8750)**

Conversions

Conversions Part 1

Format	Color
Hex	E0B3A4
RGB	224, 179, 164
RGB Percent	88%, 70%, 64%
CMY	0.1215, 0.2981, 0.3567
CMYK	0.00, 0.20, 0.27, 0.12
HSL	15°, 49%, 76%
HSV	15°, 27%, 88%
XYZ	53.5685, 50.7655, 42.1139
YIQ	190.7450, 31.6350, 4.8750

Conversions

Conversions Part 2

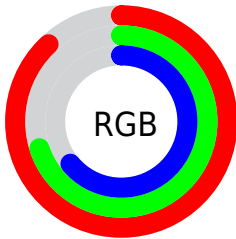
Format	Color
RYB	224, 184, 164
Decimal	14726052
CIELab	76.54, 14.14, 13.83
CIELCh	77, 19.780, 44.348
Yxy	50.7655, 0.3658, 0.3466
Android (android.graphics.Color)	4292916132 (0xFFE0B3A4)
YUV	190.7450, -13.1853, 29.1646
Hunter-Lab	71.2499, 9.5161, 14.8302

Details

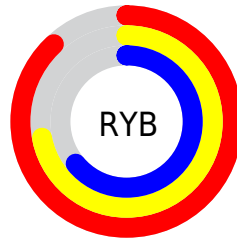
The YIQ color **190.7450, 31.6350, 4.8750** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **197.2550, -31.6350, -4.8750**, and the grayscale version is **191.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **239.1560, 17.0560, -0.7360**, and **136.9620, 29.5260, 4.5500** is the 20% darker color. If you saturate the color by 10%, you get **178.2580, 43.3720, 6.9240**, and if you desaturate by 10%, it is **203.2320, 19.8980, 2.8260**.

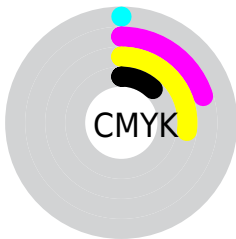
Distribution



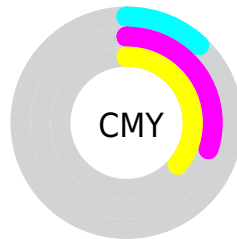
- Red (88%)
- Green (70%)
- Blue (64%)



- Red (88%)
- Yellow (72%)
- Blue (64%)



- Cyan (0%)
- Magenta (20%)
- Yellow (27%)
- Black (12%)



- Cyan (12%)
- Magenta (30%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 190.7450, 31.6350, 4.8750 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 190.7450, 31.6350, 4.8750 by changing the saturation by 10% instead.


 190.7450, 31.6350,
4.8750


 190.7450, 31.6350,
4.8750


255.0000, -0.0000,
-0.0000


 163.5600, 30.7180,
4.9740


 239.1560, 17.0560,
-0.7360


 136.9620, 29.5260,
4.5500

 254.2020, 2.2470,
-2.1770

 111.4780, 28.0130,
4.4370

 86.5810, 26.2250,
3.8010

 63.0970, 24.7120,
3.6880

 40.4280, 22.2820,
3.6740

 19.0150, 22.0070,

3.1510

■ 0.0000, 0.0000,
0.0000

■ 190.7450, 31.6350,
4.8750

■ 190.7450, 31.6350,
4.8750

■ 178.2580, 43.3720,
6.9240

■ 203.2320, 19.8980,
2.8260

■ 165.6570, 55.4300,
8.6620

■ 215.8330, 7.8400,
1.0880

■ 153.7570, 66.8920,
10.1880

■ 227.7330, -3.6220,
-0.4380

■ 141.1560, 78.9500,
11.9260

■ 240.3340,
-15.6800, -2.1760

■ 128.6690, 90.6870,
13.9750

■ 245.7310,
-18.4760, -6.5720

■ 116.1820,
102.4240, 16.0240

■ 103.5810,
114.4820, 17.7620

■ 99.8480, 118.1040,
18.2000

Harmonies

Analogous

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



191.8190, 28.7910, 12.3670



190.7450, 31.6350, 4.8750



188.9520, 26.3180, -3.3940

Triad

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



190.7450, 31.6350, 4.8750



183.1510, -20.0790, -16.0710



189.1250, -16.0490, 10.0230

Complementary

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



190.7450, 31.6350, 4.8750



197.2550, -31.6350, -4.8750

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.



185.4710, -32.0030, 1.7970



190.7450, 31.6350, 4.8750



181.4300, -33.9260, -12.9180

Square

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



190.7450, 31.6350, 4.8750



185.2470, -2.7940, -15.4500



183.0800, -38.5120, -6.8960



191.4540, 2.1980, 15.2380

Rectangle

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



190.7450, 31.6350, 4.8750



187.5980, 18.3870, -8.3410



183.0800, -38.5120, -6.8960



188.6080, -21.9630, 7.0690

Sweetspot

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



190.7450, 31.6350, 4.8750



243.9150, 10.5450, 1.6250



187.1840, 20.9940, 27.0260



120.6480, 6.9230, 1.1870



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.



190.7450, 31.6350, 4.8750



209.8450, 43.0970, 6.4010



207.7680, 23.6600, -10.2920



106.0500, 5.7310, 0.7630



78.4520, 92.7960, 14.3000



21.3960, 25.3080, 3.9000

Inverse Universe

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



197.2550, -31.6350, -4.8750



218.7420, -43.3720, -6.9240



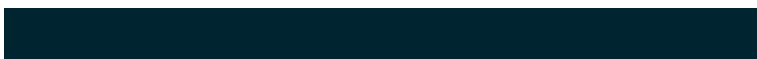
180.2320, -23.6600, 10.2920



106.9500, -5.7310, -0.7630



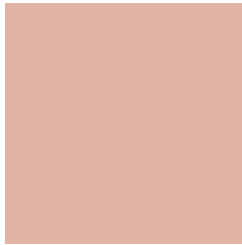
97.5480, -92.7960, -14.3000



26.6040, -25.3080, -3.9000

Previews

White Background



This preview shows how the YIQ color 190.7450, 31.6350, 4.8750 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 190.7450, 31.6350, 4.8750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

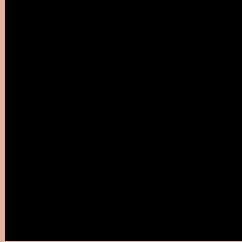
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 190.7450, 31.6350, 4.8750

Background



This preview shows how black text looks on a background with the YIQ color 190.7450, 31.6350, 4.8750.



This preview shows how white text looks on a background with the YIQ color 190.7450, 31.6350,

4.8750.

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

190.7450, 31.6350, 4.8750

Protanopia

188.5250, 11.4630, -4.0010

Deuteranopia

190.2990, 26.9590, 1.5110



Tritanopia

192.1440, 26.4980, 15.3780

Trichromacy



Original Color

190.7450, 31.6350, 4.8750

Protanomaly

189.5260, 18.8900, -0.9340

Deuteranomaly

190.6090, 29.0220, 2.6700

Tritanomaly

191.4060, 28.5160, 11.8440

Monochromacy



Original Color

190.7450, 31.6350, 4.8750

Achromatopsia

191.0000, -0.0000, -0.0000

Achromatomaly

191.1000, 11.4620, 1.5260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.7450, 31.6350, 4.8750 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(224, 179, 164)` looks like.

```
.text, #text, p{  
    color:rgb(224, 179, 164)  
}
```

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(224, 179, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 179, 164) }
```

Border

The CSS property to change the border of an element to YIQ 190.7450, 31.6350, 4.8750 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(224, 179, 164) }
```


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

```
.border{ border-color:rgb(224, 179, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 179, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 179, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 179, 164);  
box-shadow:4px 4px 4px 4px rgb(224, 179,  
164) }
```

Background

The CSS property to change the background color of an element to YIQ 190.7450, 31.6350, 4.8750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 179, 164) }
```

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

```
.background{ background-color: rgb(224,  
179, 164) }
```

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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