

Converting Colors

YIQ(180.0690, 64.3320,
-31.5400)

Have a look what the booklet for
YIQ(180.0690, 64.3320, -31.5400)
contains.

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Color

**YIQ(180.0690, 64.3320,
-31.5400)**

Conversions

Conversions Part 1

Format	Color
Hex	DEB737
RGB	222, 183, 55
RGB Percent	87%, 72%, 22%
CMY	0.1294, 0.2824, 0.7839
CMYK	0.00, 0.18, 0.75, 0.13
HSL	46°, 72%, 54%
HSV	46°, 75%, 87%
XYZ	47.7470, 49.6669, 10.6959
YIQ	180.0690, 64.3320, -31.5400

Conversions

Conversions Part 2

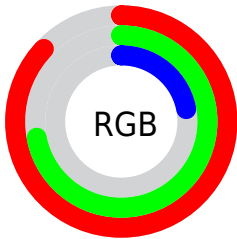
Format	Color
RYB	106, 222, 55
Decimal	14595895
CIELab	75.86, 1.50, 66.10
CIELCh	76, 66.122, 88.696
Yxy	49.6669, 0.4417, 0.4594
Android (android.graphics.Color)	4292785975 (0xFFDEB737)
YUV	180.0690, -61.6590, 36.7735
Hunter-Lab	70.4747, -2.3961, 40.3339

Details

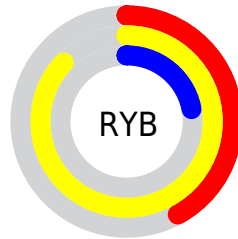
The YIQ color **180.0690, 64.3320, -31.5400** is a light color, and the websafe version is hex **CC9900**. The color can be described as light muted orange. A complement of this color would be **96.9310, -64.3320, 31.5400**, and the grayscale version is **181.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **229.1920, 50.6240, -36.4160**, and **125.0470, 61.3980, -33.4340** is the 20% darker color. If you saturate the color by 10%, you get **174.6260, 72.7690, -35.7670**, and if you desaturate by 10%, it is **185.5120, 55.8950, -27.3130**.

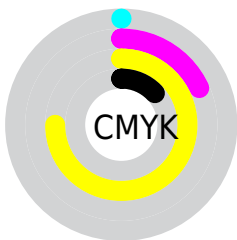
Distribution



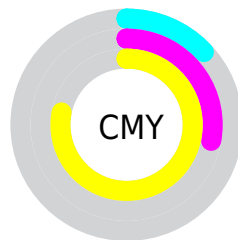
- Red (87%)
- Green (72%)
- Blue (22%)



- Red (42%)
- Yellow (87%)
- Blue (22%)



- Cyan (0%)
- Magenta (18%)
- Yellow (75%)
- Black (13%)



- Cyan (13%)
- Magenta (28%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 180.0690, 64.3320, -31.5400 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 180.0690, 64.3320, -31.5400 by changing the saturation by 10% instead.

180.0690, 64.3320,
-31.5400

180.0690, 64.3320,
-31.5400

255.0000, -0.0000,
-0.0000

151.4880, 64.4700,
-34.0420

229.1920, 50.6240,
-36.4160

125.0470, 61.3980,
-33.4340

241.6620, 37.5570,
-36.3870

102.2880, 50.7140,
-27.0300

244.8540, 28.5690,
-27.6790

79.8280, 40.6260,
-20.4140

248.0460, 19.5810,
-18.9710

57.9550, 30.2630,
-14.3210

251.3520, 10.2720,
-9.9520

37.8540, 20.5420,
-8.8500

254.7720, 0.6420,

18.6390, 11.1420,

-0.6220

-3.6900

■ 0.0000, 0.0000,
0.0000

■ 180.0690, 64.3320,
-31.5400

■ 180.0690, 64.3320,
-31.5400

■ 174.6260, 72.7690,
-35.7670

■ 185.5120, 55.8950,
-27.3130

■ 169.1830, 81.2060,
-39.9940

■ 190.9550, 47.4580,
-23.0860

■ 166.1680, 85.5620,
-41.8460

■ 197.0990, 38.4250,
-19.0710

■ 202.5420, 29.9880,
-14.8440

■ 207.9850, 21.5510,
-10.6170

■ 213.4280, 13.1140,
-6.3900

■ 218.8710, 4.6770,
-2.1630

■ 225.0150, -4.3560,
1.8520

■ 230.4580,
-12.7930, 6.0790

Harmonies

Analogous

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



179.5130, 81.6580, -4.1180



180.0690, 64.3320, -31.5400



174.3340, 17.5690, -48.5990

Triad

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



180.0690, 64.3320, -31.5400



154.6080, -137.7240, -37.0840



191.1480, 30.9840, 55.2400

Complementary

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



180.0690, 64.3320, -31.5400



96.9310, -64.3320, 31.5400

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.



185.0500, -19.4910, 28.3570



180.0690, 64.3320, -31.5400



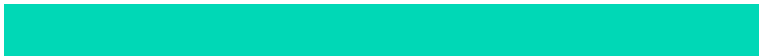
151.7530, -139.3300, -30.0020

Square

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



180.0690, 64.3320, -31.5400



147.5400, -117.8220, -56.3660



143.5350, -135.4800, -22.6800



175.0300, 54.3230, 45.2590

Rectangle

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



180.0690, 64.3320, -31.5400



167.2010, -24.6570, -54.2650



143.5350, -135.4800, -22.6800



191.2170, 17.3680, 48.6960

Sweetspot

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



180.0690, 64.3320, -31.5400



240.0560, 22.7890, -11.0270



109.7210, 86.0500, 48.4660



118.6130, 14.0310, -6.4890



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.



180.0690, 64.3320, -31.5400



197.0820, 88.6800, -43.2880



190.4040, 28.5750, -60.8410



109.5720, 4.0810, -2.3750



131.8690, 67.7710, -33.2930



36.0710, 18.4330, -9.1750

Inverse Universe

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



96.9310, -64.3320, 31.5400



82.9180, -88.6800, 43.2880



86.5960, -28.5750, 60.8410



104.0150, -4.3560, 1.8520



44.1310, -67.7710, 33.2930



11.9290, -18.4330, 9.1750

Previews

White Background



This preview shows how the YIQ color 180.0690, 64.3320, -31.5400 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 180.0690, 64.3320, -31.5400 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 180.0690, 64.3320, -31.5400

Background



This preview shows how black text looks on a background with the YIQ color 180.0690, 64.3320, -31.5400.



This preview shows how white text looks on a background with the YIQ color 180.0690, 64.3320, -31.5400.

-31.5400.

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

180.0690, 64.3320, -31.5400

Protanopia

179.5300, 55.4840, -36.3880

Deuteranopia

181.2490, 72.8130, -25.5470



Tritanopia

190.4220, 31.5870, 16.7630

Trichromacy



Original Color

180.0690, 64.3320, -31.5400

Protanomaly

179.5520, 58.4180, -34.4940

Deuteranomaly

180.8140, 69.6040, -27.9640

Tritanomaly

186.5150, 43.7860, -0.5820

Monochromacy



Original Color

180.0690, 64.3320, -31.5400

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

179.9420, 23.1100, -11.3380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.0690, 64.3320, -31.5400 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(222, 183, 55)` looks like.

```
.text, #text, p{  
    color:rgb(222, 183, 55)  
}
```

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(222, 183, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 183, 55) }
```

Border

The CSS property to change the border of an element to YIQ 180.0690, 64.3320, -31.5400 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(222, 183, 55) }
```


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

```
.border{ border-color:rgb(222, 183, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 183, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 183, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 183, 55);  
box-shadow:4px 4px 4px 4px rgb(222, 183,  
55) }
```

Background

The CSS property to change the background color of an element to YIQ 180.0690, 64.3320, -31.5400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 183, 55) }
```

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

```
.background{ background-color: rgb(222,  
183, 55) }
```

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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