

Converting Colors

YIQ(181.6550, 31.4080, -7.5360)

Have a look what the booklet for
YIQ(181.6550, 31.4080, -7.5360)
contains.

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Color

**YIQ(181.6550, 31.4080,
-7.5360)**

Conversions

Conversions Part 1

Format	Color
Hex	CFB286
RGB	207, 178, 134
RGB Percent	81%, 70%, 53%
CMY	0.1882, 0.3020, 0.4743
CMYK	0.00, 0.14, 0.35, 0.19
HSL	36°, 43%, 67%
HSV	36°, 35%, 81%
XYZ	45.9589, 46.8252, 29.1849
YIQ	181.6550, 31.4080, -7.5360

Conversions

Conversions Part 2

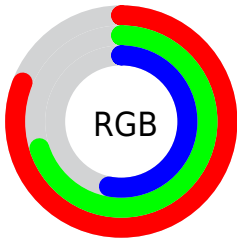
Format	Color
RYB	182, 207, 134
Decimal	13611654
CIELab	74.08, 4.18, 26.35
CIELCh	74, 26.684, 80.987
Yxy	46.8252, 0.3768, 0.3839
Android (android.graphics.Color)	4291801734 (0xFFCFB286)
YUV	181.6550, -23.4939, 22.2276
Hunter-Lab	68.4289, 0.1354, 22.6131

Details

The YIQ color **181.6550, 31.4080, -7.5360** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **159.3450, -31.4080, 7.5360**, and the grayscale version is **182.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **234.9210, 27.6030, -10.1650**, and **128.1000, 28.6570, -7.2390** is the 20% darker color. If you saturate the color by 10%, you get **174.5650, 40.3490, -9.8830**, and if you desaturate by 10%, it is **188.7450, 22.4670, -5.1890**.

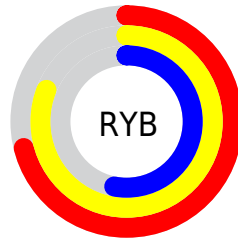
Distribution



Red (81%)

Green (70%)

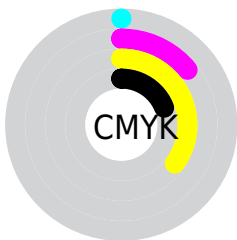
Blue (53%)



Red (71%)

Yellow (81%)

Blue (53%)

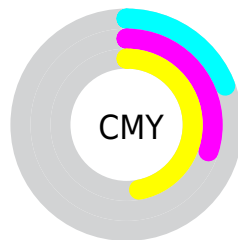


Cyan (0%)

Magenta (14%)

Yellow (35%)

Black (19%)



Cyan (19%)

Magenta (30%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 181.6550, 31.4080, -7.5360 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 181.6550, 31.4080, -7.5360 by changing the saturation by 10% instead.

■ 181.6550, 31.4080,
-7.5360

■ 181.6550, 31.4080,
-7.5360

255.0000, -0.0000,
-0.0000

■ 154.5840, 30.1700,
-7.1260

■ 235.0350, 27.2820,
-9.8540

■ 128.1000, 28.6570,
-7.2390

■ 250.4400, 12.8400,
-12.4400

■ 103.5020, 27.4650,
-7.6630

■ 253.7460, 3.5310,
-3.4210

■ 79.1320, 25.6310,
-7.4650

■ 55.6480, 24.1180,
-7.5780

■ 34.3210, 20.7250,
-6.6590

■ 14.2310, 12.4710,

-0.2410

■ 0.0000, 0.0000,
0.0000

■ 181.6550, 31.4080,
-7.5360

■ 181.6550, 31.4080,
-7.5360

■ 174.5650, 40.3490,
-9.8830

■ 188.7450, 22.4670,
-5.1890

■ 167.5890, 48.9690,
-11.9190

■ 195.7210, 13.8470,
-3.1530

■ 159.9120, 58.1850,
-13.7430

■ 203.3980, 4.6310,
-1.3290

■ 152.8220, 67.1260,
-16.0900

■ 210.4880, -4.3100,
1.0180

■ 145.8460, 75.7460,
-18.1260

■ 217.5780,
-13.2510, 3.3650

■ 138.7560, 84.6870,
-20.4730

■ 224.2120,
-20.9080, 4.4680

■ 135.2680, 88.9970,
-21.4910

■ 229.4950,
-23.3830, -0.2390

■ 234.1910,
-25.5830, -4.4230

■ 238.8870,
-27.7830, -8.6070

Harmonies

Analogous

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



183.5950, 40.8050, 3.8850



181.6550, 31.4080, -7.5360



179.1040, 13.6660, -16.3980

Triad

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



181.6550, 31.4080, -7.5360



170.9270, -51.6230, -17.0870



185.6660, 7.6530, 21.0050

Complementary

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



181.6550, 31.4080, -7.5360



159.3450, -31.4080, 7.5360

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.



183.1020, -17.2420, 15.1260



181.6550, 31.4080, -7.5360



172.9410, -54.2380, -8.2380

Square

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



181.6550, 31.4080, -7.5360



172.2740, -33.7870, -20.9470



178.4470, -40.6230, 3.8330



186.2030, 28.0100, 21.0180

Rectangle

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



181.6550, 31.4080, -7.5360



176.7970, -1.6470, -19.7190



178.4470, -40.6230, 3.8330



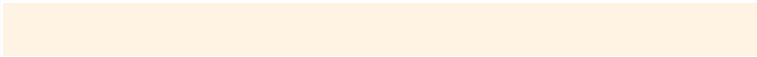
185.4200, -0.4620, 19.3940

Sweetspot

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



181.6550, 31.4080, -7.5360



245.3510, 12.0130, -2.9550



159.1330, 34.1990, 24.4950



121.9530, 7.3820, -1.6260



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.



181.6550, 31.4080, -7.5360



217.5610, 46.1720, -10.7880



196.5850, 19.2610, -24.1870



100.8110, 4.9060, -0.8060



109.5190, 72.3530, -17.2070



26.9340, 17.5610, -4.3830

Inverse Universe

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



159.3450, -31.4080, 7.5360



184.8520, -45.8970, 11.3110



144.4150, -19.2610, 24.1870



97.6020, -4.6310, 1.3290



58.4810, -72.3530, 17.2070



14.0660, -17.5610, 4.3830

Previews

White Background



This preview shows how the YIQ color 181.6550, 31.4080, -7.5360 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 181.6550, 31.4080, -7.5360 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 181.6550, 31.4080, -7.5360

Background



This preview shows how black text looks on a background with the YIQ color 181.6550, 31.4080, -7.5360.



This preview shows how white text looks on a background with the YIQ color 181.6550, 31.4080, -7.5360.

-7.5360.

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

181.6550, 31.4080, -7.5360

Protanopia

180.6430, 22.5140, -11.5500

Deuteranopia

182.4000, 36.6800, -3.9600



Tritanopia

184.8550, 19.9420, 13.0460

Trichromacy



Original Color

181.6550, 31.4080, -7.5360

Protanomaly

181.1380, 25.4940, -10.4900

Deuteranomaly

182.0900, 34.6170, -5.1190

Tritanomaly

183.8520, 24.0240, 5.1440

Monochromacy



Original Color

181.6550, 31.4080, -7.5360

Achromatopsia

182.0000, -0.0000, -0.0000

Achromatomaly

182.1660, 11.0960, -2.8560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 181.6550, 31.4080, -7.5360 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(207, 178, 134)` looks like.

```
.text, #text, p{  
    color:rgb(207, 178, 134)  
}
```

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(207, 178, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 178, 134) }
```

Border

The CSS property to change the border of an element to YIQ 181.6550, 31.4080, -7.5360 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(207, 178, 134) }
```


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

```
.border{ border-color:rgb(207, 178, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 178, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 178, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 178, 134);  
box-shadow:4px 4px 4px 4px rgb(207, 178,  
134) }
```

Background

The CSS property to change the background color of an element to YIQ 181.6550, 31.4080, -7.5360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 178, 134) }
```

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

```
.background{ background-color: rgb(207,  
178, 134) }
```

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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