

Converting Colors

YIQ(213.5950, 31.6370, -6.1790)

Have a look what the booklet for
YIQ(213.5950, 31.6370, -6.1790)
contains.

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Color

**YIQ(213.5950, 31.6370,
-6.1790)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D1A8
RGB	240, 209, 168
RGB Percent	94%, 82%, 66%
CMY	0.0588, 0.1804, 0.3410
CMYK	0.00, 0.13, 0.30, 0.06
HSL	34°, 71%, 80%
HSV	34°, 30%, 94%
XYZ	65.8082, 66.9505, 46.5197
YIQ	213.5950, 31.6370, -6.1790

Conversions

Conversions Part 2

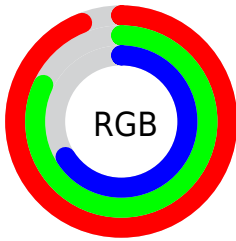
Format	Color
R _Y B	222, 240, 168
Decimal	15782312
CIE Lab	85.48, 4.92, 24.33
CIE LCh	85, 24.823, 78.557
Yxy	66.9505, 0.3671, 0.3734
Android (android.graphics.Color)	4293972392 (0xFFFF0D1A8)
YUV	213.5950, -22.4783, 23.1572
Hunter-Lab	81.8233, 0.3718, 23.5677

Details

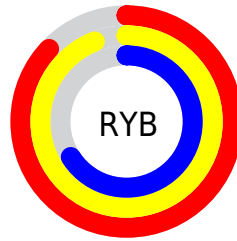
The YIQ color **213.5950, 31.6370, -6.1790** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **194.4050, -31.6370, 6.1790**, and the grayscale version is **214.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **251.3520, 10.2720, -9.9520**, and **158.9260, 29.2070, -6.1930** is the 20% darker color. If you saturate the color by 10%, you get **204.9890, 42.0910, -8.4130**, and if you desaturate by 10%, it is **222.2010, 21.1830, -3.9450**.

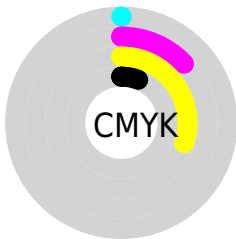
Distribution



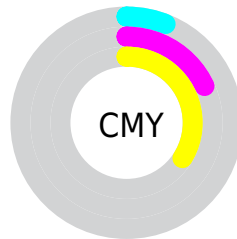
- Red (94%)
- Green (82%)
- Blue (66%)



- Red (87%)
- Yellow (94%)
- Blue (66%)



- Cyan (0%)
- Magenta (13%)
- Yellow (30%)
- Black (6%)




- Cyan (6%)
- Magenta (18%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 213.5950, 31.6370, -6.1790 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 213.5950, 31.6370, -6.1790 by changing the saturation by 10% instead.


 213.5950, 31.6370,
-6.1790


 213.5950, 31.6370,
-6.1790


255.0000, -0.0000,
-0.0000


 185.4100, 30.7200,
-6.0800


 251.3520, 10.2720,
-9.9520


 158.9260, 29.2070,
-6.1930

 254.6580, 0.9630,
-0.9330

 132.7410, 28.2900,
-6.0940

 107.2570, 26.7770,
-6.2070

 82.7730, 25.2640,
-6.3200

 59.4030, 23.4300,
-6.1220

 36.6910, 22.5590,

-6.8570

■ 17.7750, 13.7550,
-1.4850

■ 0.0000, 0.0000,
0.0000

■ 213.5950, 31.6370,
-6.1790

■ 213.5950, 31.6370,
-6.1790

■ 204.9890, 42.0910,
-8.4130

■ 222.2010, 21.1830,
-3.9450

■ 195.7960, 52.8200,
-10.1240

■ 231.3940, 10.4540,
-2.2340

■ 187.1900, 63.2740,
-12.3580

■ 240.0000, -0.0000,
-0.0000

■ 178.5840, 73.7280,
-14.5920

■ 247.5800, -7.5650,
-0.5650

■ 169.3910, 84.4570,
-16.3030

■ 250.5150, -8.9400,
-3.1800

■ 160.7850, 94.9110,
-18.5370

■ 152.1790,
105.3650, -20.7710

Harmonies

Analogous

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



215.2250, 38.9710, 4.0830



213.5950, 31.6370, -6.1790



211.2290, 14.8120, -15.1400

Triad

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



213.5950, 31.6370, -6.1790



204.0910, -46.2130, -16.0130



217.3560, 5.5900, 19.8460

Complementary

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



213.5950, 31.6370, -6.1790



194.4050, -31.6370, 6.1790

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.



214.5210, -17.1040, 12.6240



213.5950, 31.6370, -6.1790



205.5070, -50.0200, -7.5880

Square

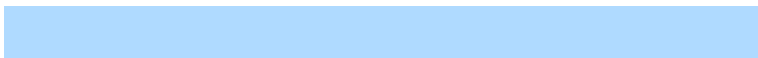
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



213.5950, 31.6370, -6.1790



205.8400, -29.5690, -20.2970



209.3610, -37.5050, 2.3910



218.0070, 25.6260, 20.1700

Rectangle

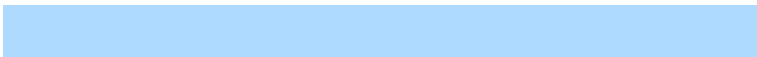
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



213.5950, 31.6370, -6.1790



208.9930, 0.7370, -18.8710



209.3610, -37.5050, 2.3910



216.4090, -1.9290, 18.4470

Sweetspot

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



213.5950, 31.6370, -6.1790



246.5080, 10.1330, -1.9230



193.0620, 32.9610, 24.9050



122.1810, 6.7400, -1.0040



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.



213.5950, 31.6370, -6.1790



221.0320, 40.5320, -7.6920



230.2970, 20.1320, -23.4520



115.6970, 5.2270, -1.1170



116.0640, 81.0640, -15.3840



35.5280, 24.5760, -4.8640

Inverse Universe

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



194.4050, -31.6370, 6.1790



196.9680, -40.5320, 7.6920



177.7030, -20.1320, 23.4520



112.3030, -5.2270, 1.1170



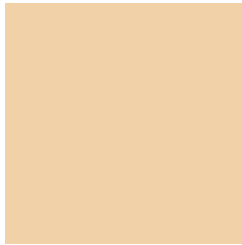
67.3490, -80.7890, 15.9070



20.4720, -24.5760, 4.8640

Previews

White Background



This preview shows how the YIQ color 213.5950, 31.6370, -6.1790 looks on a white background.

Color Contrast Check

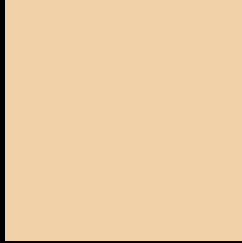
Large Text (above 18pt) WCAG AA × Fail

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 213.5950, 31.6370, -6.1790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

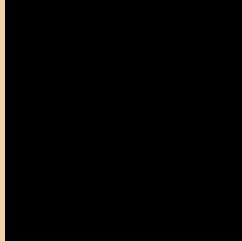
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 213.5950, 31.6370, -6.1790

Background



This preview shows how black text looks on a background with the YIQ color 213.5950, 31.6370, -6.1790.



This preview shows how white text looks on a background with the YIQ color 213.5950, 31.6370, -6.1790.

-6.1790.

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

213.5950, 31.6370, -6.1790

Protanopia

212.2840, 22.1470, -10.4050

Deuteranopia

214.3510, 38.3760, -1.6560



Tritanopia

216.9800, 21.0880, 14.3040

Trichromacy



Original Color

213.5950, 31.6370, -6.1790

Protanomaly

213.0780, 25.7230, -9.1330

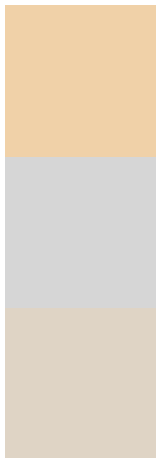
Deuteranomaly

213.7420, 35.7170, -3.0270

Tritanomaly

216.0910, 24.8490, 6.7130

Monochromacy



Original Color

213.5950, 31.6370, -6.1790

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

213.5790, 11.3710, -2.3330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.5950, 31.6370, -6.1790 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(240, 209, 168)` looks like.

```
.text, #text, p{  
    color:rgb(240, 209, 168)  
}
```

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(240, 209, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 209, 168) }
```

Border

The CSS property to change the border of an element to YIQ 213.5950, 31.6370, -6.1790 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(240, 209, 168) }
```


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

```
.border{ border-color:rgb(240, 209, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 209, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 209, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 209, 168);  
box-shadow:4px 4px 4px 4px rgb(240, 209,  
168) }
```

Background

The CSS property to change the background color of an element to YIQ 213.5950, 31.6370, -6.1790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 209, 168) }
```

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

```
.background{ background-color: rgb(240,  
209, 168) }
```

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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