

Converting Colors

YIQ(213.0510, 30.3530, -4.9350)

Have a look what the booklet for
YIQ(213.0510, 30.3530, -4.9350)
contains.

YIQ(213.0510, 30.3530, -4.9350)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(213.0510, 30.3530,
-4.9350)**

Conversions

Conversions Part 1

Format	Color
Hex	EFD0AB
RGB	239, 208, 171
RGB Percent	94%, 82%, 67%
CMY	0.0627, 0.1843, 0.3293
CMYK	0.00, 0.13, 0.28, 0.06
HSL	33°, 68%, 80%
HSV	33°, 28%, 94%
XYZ	65.5080, 66.4000, 47.9109
YIQ	213.0510, 30.3530, -4.9350

Conversions

Conversions Part 2

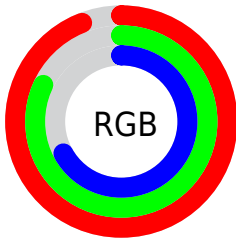
Format	Color
R _Y B	228, 239, 171
Decimal	15716523
CIE Lab	85.20, 5.45, 22.36
CIE LCh	85, 23.018, 76.295
Yxy	66.4000, 0.3643, 0.3693
Android (android.graphics.Color)	4293906603 (0xFFEFD0AB)
YUV	213.0510, -20.7311, 22.7573
Hunter-Lab	81.4862, 0.8978, 22.1800

Details

The YIQ color **213.0510, 30.3530, -4.9350** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **196.9490, -30.3530, 4.9350**, and the grayscale version is **213.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **251.6940, 9.3090, -9.0190**, and **158.3820, 27.9230, -4.9490** is the 20% darker color. If you saturate the color by 10%, you get **203.8580, 41.0820, -6.6460**, and if you desaturate by 10%, it is **222.2440, 19.6240, -3.2240**.

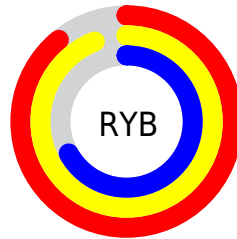
Distribution



Red (94%)

Green (82%)

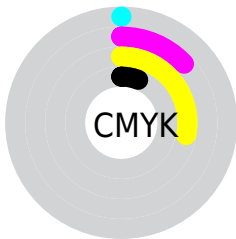
Blue (67%)



Red (89%)

Yellow (94%)

Blue (67%)

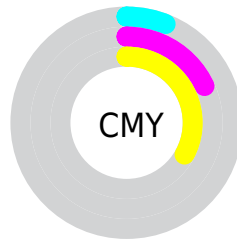


Cyan (0%)

Magenta (13%)

Yellow (28%)

Black (6%)



Cyan (6%)

Magenta (18%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.0510, 30.3530, -4.9350 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 213.0510, 30.3530, -4.9350 by changing the saturation by 10% instead.

213.0510, 30.3530,
-4.9350

213.0510, 30.3530,
-4.9350

255.0000, -0.0000,
-0.0000

184.8660, 29.4360,
-4.8360

251.8080, 8.9880,
-8.7080

158.3820, 27.9230,
-4.9490

132.1970, 27.0060,
-4.8500

106.7130, 25.4930,
-4.9630

82.2290, 23.9800,
-5.0760

58.8590, 22.1460,
-4.8780

36.6910, 22.5590,

-6.8570

■ 17.1880, 14.0300,
-0.9620

■ 0.0000, 0.0000,
0.0000

■ 213.0510, 30.3530,
-4.9350

■ 213.0510, 30.3530,
-4.9350

■ 203.8580, 41.0820,
-6.6460

■ 222.2440, 19.6240,
-3.2240

■ 194.6650, 51.8110,
-8.3570

■ 231.4370, 8.8950,
-1.5130

■ 185.4720, 62.5400,
-10.0680

■ 240.6300, -1.8340,
0.1980

■ 176.2790, 73.2690,
-11.7790

■ 248.4550, -8.7110,
-1.8230

■ 167.2000, 83.6770,
-13.1790

■ 250.2160, -9.5360,
-3.3920

■ 158.5940, 94.1310,
-15.4130

■ 149.4010,
104.8600, -17.1240

■ 147.7710,
106.6940, -17.3220

Harmonies

Analogous

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



214.6810, 37.6870, 5.3270



213.0510, 30.3530, -4.9350



210.5820, 15.3160, -13.2600

Triad

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



213.0510, 30.3530, -4.9350



203.9560, -41.3990, -15.1510



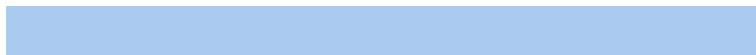
215.9320, 3.8480, 18.3760

Complementary

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



213.0510, 30.3530, -4.9350



196.9490, -30.3530, 4.9350

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.



213.8090, -17.9750, 11.8890



213.0510, 30.3530, -4.9350



205.5460, -45.7560, -7.7720

Square

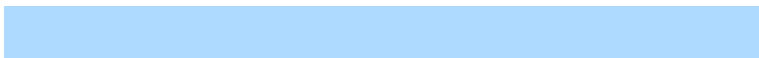
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



213.0510, 30.3530, -4.9350



205.6340, -25.9930, -19.0250



209.3610, -37.5050, 2.3910



217.0990, 22.3710, 18.5870

Rectangle

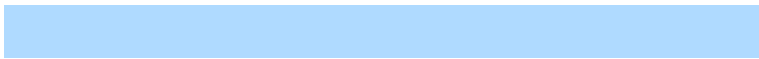
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



213.0510, 30.3530, -4.9350



208.8300, 2.7540, -16.8780



209.3610, -37.5050, 2.3910



215.5720, -3.9460, 16.4540

Sweetspot

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



213.0510, 30.3530, -4.9350



246.5080, 10.1330, -1.9230



194.9800, 30.2560, 24.3680



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.



213.0510, 30.3530, -4.9350



221.6020, 38.9270, -6.1370



230.6500, 20.6360, -21.5720



115.1100, 5.5020, -0.5940



113.7160, 82.1640, -13.2920



34.3540, 25.1260, -3.8180

Inverse Universe

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



196.9490, -30.3530, 4.9350



201.3980, -38.9270, 6.1370



179.3500, -20.6360, 21.5720



112.3030, -5.2270, 1.1170



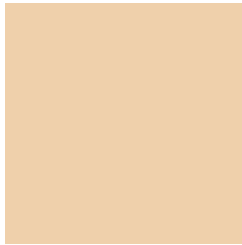
70.2840, -82.1640, 13.2920



21.6460, -25.1260, 3.8180

Previews

White Background



This preview shows how the YIQ color 213.0510, 30.3530, -4.9350 looks on a white background.

Color Contrast Check

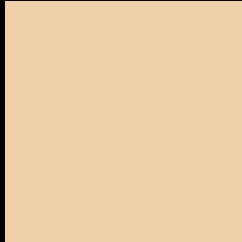
Large Text (above 18pt) WCAG AA × Fail

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 213.0510, 30.3530, -4.9350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

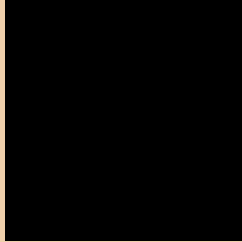
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 213.0510, 30.3530, -4.9350

Background



This preview shows how black text looks on a background with the YIQ color 213.0510, 30.3530, -4.9350.



This preview shows how white text looks on a background with the YIQ color 213.0510, 30.3530,

-4.9350.

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

213.0510, 30.3530, -4.9350

Protanopia

212.3270, 20.5880, -9.6840

Deuteranopia

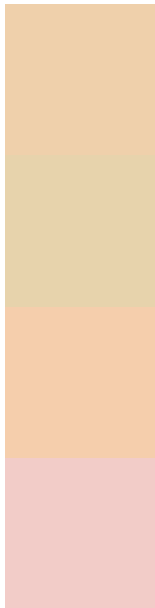
214.0950, 36.2210, -1.1470



Tritanopia

216.2680, 20.2170, 13.5690

Trichromacy



Original Color

213.0510, 30.3530, -4.9350

Protanomaly

212.5340, 24.4390, -7.8890

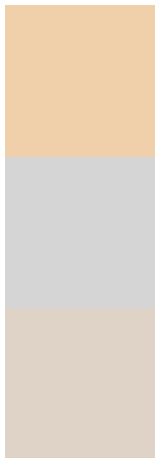
Deuteranomaly

213.7850, 34.1580, -2.3060

Tritanomaly

214.9060, 23.9320, 6.8120

Monochromacy



Original Color

213.0510, 30.3530, -4.9350

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

212.8070, 10.7290, -1.7110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.0510, 30.3530, -4.9350 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(239, 208, 171)` looks like.

```
.text, #text, p{  
    color:rgb(239, 208, 171)  
}
```

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(239, 208, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 208, 171) }
```

Border

The CSS property to change the border of an element to YIQ 213.0510, 30.3530, -4.9350 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(239, 208, 171) }
```


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

```
.border{ border-color:rgb(239, 208, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 208, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 208, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 208, 171);  
box-shadow:4px 4px 4px 4px rgb(239, 208,  
171) }
```

Background

The CSS property to change the background color of an element to YIQ 213.0510, 30.3530, -4.9350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 208, 171) }
```

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

```
.background{ background-color: rgb(239,  
208, 171) }
```

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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