

Converting Colors

YIQ(213.1290, 29.7130,
-15.3670)

Have a look what the booklet for
YIQ(213.1290, 29.7130, -15.3670)
contains.

YIQ(213.1290, 29.7130, -15.3670)	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(213.1290, 29.7130,
-15.3670)**

Conversions

Conversions Part 1

Format	Color
Hex	E8D79A
RGB	232, 215, 154
RGB Percent	91%, 84%, 60%
CMY	0.0902, 0.1569, 0.3959
CMYK	0.00, 0.07, 0.34, 0.09
HSL	47°, 63%, 76%
HSV	47°, 34%, 91%
XYZ	63.4137, 68.0876, 40.3902
YIQ	213.1290, 29.7130, -15.3670

Conversions

Conversions Part 2

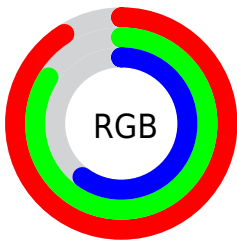
Format	Color
RYB	176, 232, 154
Decimal	15259546
CIELab	86.05, -2.97, 32.24
CIELCh	86, 32.381, 95.260
Yxy	68.0876, 0.3689, 0.3961
Android (android.graphics.Color)	4293449626 (0xFFE8D79A)
YUV	213.1290, -29.1506, 16.5499
Hunter-Lab	82.5152, -7.2226, 28.7389

Details

The YIQ color $213.1290, 29.7130, -15.3670$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $172.8710, -29.7130, 15.3670$, and the grayscale version is $213.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $249.7560, 14.7660, -14.3060$, and $157.8730, 27.5580, -14.8580$ is the 20% darker color. If you saturate the color by 10%, you get $207.5720, 38.4710, -19.9050$, and if you desaturate by 10%, it is $218.6860, 20.9550, -10.8290$.

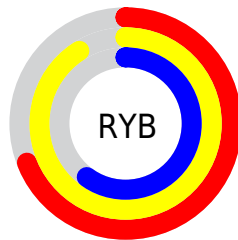
Distribution



Red (91%)

Green (84%)

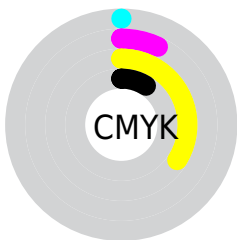
Blue (60%)



Red (69%)

Yellow (91%)

Blue (60%)

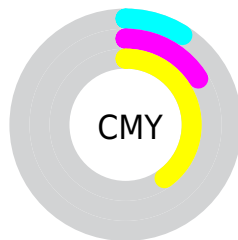


Cyan (0%)

Magenta (7%)

Yellow (34%)

Black (9%)



Cyan (9%)

Magenta (16%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.1290, 29.7130, -15.3670 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 213.1290, 29.7130, -15.3670 by changing the saturation by 10% instead.

■ 213.1290, 29.7130,
-15.3670

■ 213.1290, 29.7130,
-15.3670

255.0000, -0.0000,
-0.0000

■ 185.0580, 28.4750,
-14.9570

■ 249.7560, 14.7660,
-14.3060

■ 157.8730, 27.5580,
-14.8580

■ 252.9480, 5.7780,
-5.5980

■ 131.8020, 26.3200,
-14.4480

■ 106.3180, 24.8070,
-14.5610

■ 81.8340, 23.2940,
-14.6740

■ 58.1220, 22.4230,
-15.4090

■ 37.5330, 17.0120,

-10.9560

■ 18.3180, 7.6120,
-5.7960

■ 0.0000, 0.0000,
0.0000

■ 213.1290, 29.7130,
-15.3670

■ 213.1290, 29.7130,
-15.3670

■ 207.5720, 38.4710,
-19.9050

■ 218.6860, 20.9550,
-10.8290

■ 202.0150, 47.2290,
-24.4430

■ 224.2430, 12.1970,
-6.2910

■ 196.3440, 56.3080,
-29.2920

■ 229.9140, 3.1180,
-1.4420

■ 190.7870, 65.0660,
-33.8300

■ 235.4710, -5.6400,
3.0960

■ 185.2300, 73.8240,
-38.3680

■ 239.3180, -9.5830,
2.9690

■ 179.6730, 82.5820,
-42.9060

■ 242.2530,
-10.9580, 0.3540

■ 175.6150, 88.4970,
-45.4790

■ 245.1880,
-12.3330, -2.2610

■ 248.1230,
-13.7080, -4.8760

Harmonies

Analogous

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



214.8200, 44.2450, -3.3950



213.1290, 29.7130, -15.3670



209.3860, 3.7640, -24.1720

Triad

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



213.1290, 29.7130, -15.3670



200.5750, -71.0630, -17.1990



218.8850, 20.3980, 26.8140

Complementary

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



213.1290, 29.7130, -15.3670



172.8710, -29.7130, 15.3670

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.



217.2780, -2.9380, 20.2140



213.1290, 29.7130, -15.3670



203.9020, -58.5020, -8.0540

Square

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



213.1290, 29.7130, -15.3670



201.0310, -55.1520, -24.7200



210.8780, -31.5910, 5.3450



213.5900, 31.1740, 18.7420

Rectangle

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



213.1290, 29.7130, -15.3670



206.5670, -15.8590, -26.4750



210.8780, -31.5910, 5.3450



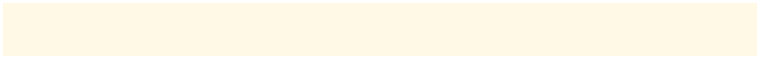
220.1770, 13.7040, 26.9840

Sweetspot

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



213.1290, 29.7130, -15.3670



248.6280, 9.6750, -4.6370



179.3740, 40.7100, 22.1340



123.8280, 6.2360, -2.8840



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.



213.1290, 29.7130, -15.3670



230.4580, 38.7920, -20.2160



216.8290, 12.5220, -28.7100



111.8710, 4.6770, -2.1630



135.7010, 68.1840, -35.2720



38.7290, 19.3960, -10.1080

Inverse Universe

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



172.8710, -29.7130, 15.3670



177.5420, -38.7920, 20.2160



169.1710, -12.5220, 28.7100



106.1290, -4.6770, 2.1630



43.2990, -68.1840, 35.2720



12.2710, -19.3960, 10.1080

Previews

White Background



This preview shows how the YIQ color 213.1290, 29.7130, -15.3670 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 213.1290, 29.7130, -15.3670 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 213.1290, 29.7130, -15.3670

Background



This preview shows how black text looks on a background with the YIQ color 213.1290, 29.7130, -15.3670.



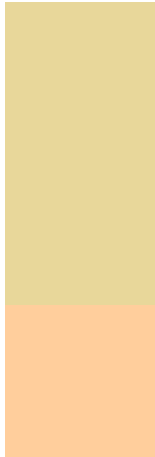
This preview shows how white text looks on a background with the YIQ color 213.1290, 29.7130,

-15.3670.

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

213.1290, 29.7130, -15.3670

Protanopia

213.1290, 29.7130, -15.3670

Deuteranopia

214.9510, 45.2540, -5.1620



Tritanopia

217.9900, 15.1280, 12.1840

Trichromacy



Original Color

213.1290, 29.7130, -15.3670

Protanomaly

213.1290, 29.7130, -15.3670

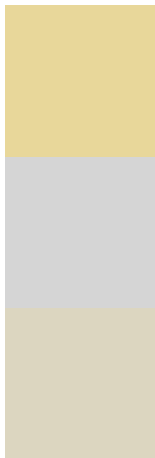
Deuteranomaly

214.2060, 39.9820, -8.7380

Tritanomaly

216.0040, 20.5400, 2.2040

Monochromacy



Original Color

213.1290, 29.7130, -15.3670

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

213.2860, 10.6380, -5.5700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.1290, 29.7130, -15.3670 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(232, 215, 154)` looks like.

```
.text, #text, p{  
    color:rgb(232, 215, 154)  
}
```

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(232, 215, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 215, 154) }
```

Border

The CSS property to change the border of an element to YIQ 213.1290, 29.7130, -15.3670 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(232, 215, 154) }
```


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

```
.border{ border-color:rgb(232, 215, 154) }
```

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

Here you see how a box with a 4 pixel rgb(232, 215, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 215, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 215, 154);  
box-shadow:4px 4px 4px 4px rgb(232, 215,  
154) }
```

Background

The CSS property to change the background color of an element to YIQ 213.1290, 29.7130, -15.3670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 215, 154) }
```

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

```
.background{ background-color: rgb(232,  
215, 154) }
```

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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