

Converting Colors

YIQ(207.9600, 31.8670,
-10.3490)

Have a look what the booklet for
YIQ(207.9600, 31.8670, -10.3490)
contains.

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Color

**YIQ(207.9600, 31.8670,
-10.3490)**

Conversions

Conversions Part 1

Format	Color
Hex	E8CE9B
RGB	232, 206, 155
RGB Percent	91%, 81%, 61%
CMY	0.0902, 0.1922, 0.3920
CMYK	0.00, 0.11, 0.33, 0.09
HSL	40°, 63%, 76%
HSV	40°, 33%, 91%
XYZ	61.2698, 63.6624, 40.0878
YIQ	207.9600, 31.8670, -10.3490

Conversions

Conversions Part 2

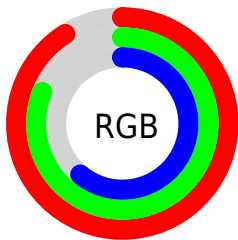
Format	Color
RYB	194, 232, 155
Decimal	15257243
CIELab	83.79, 1.79, 28.71
CIELCh	84, 28.763, 86.422
Yxy	63.6624, 0.3713, 0.3858
Android (android.graphics.Color)	4293447323 (0xFFE8CE9B)
YUV	207.9600, -26.1093, 21.0831
Hunter-Lab	79.7887, -2.5599, 26.0633

Details

The YIQ color $207.9600, 31.8670, -10.3490$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $179.0400, -31.8670, 10.3490$, and the grayscale version is $208.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $249.8700, 14.4450, -13.9950$, and $153.2910, 29.4370, -10.3630$ is the 20% darker color. If you saturate the color by 10%, you get $200.6420, 41.4500, -13.3180$, and if you desaturate by 10%, it is $215.2780, 22.2840, -7.3800$.

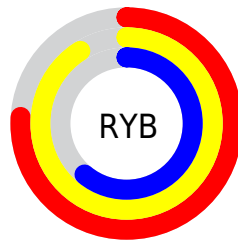
Distribution



Red (91%)

Green (81%)

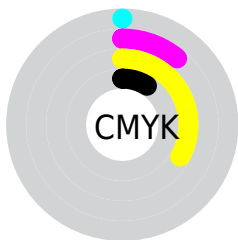
Blue (61%)



Red (76%)

Yellow (91%)

Blue (61%)

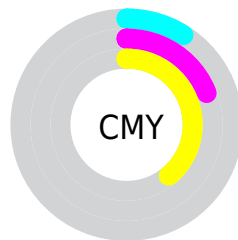


Cyan (0%)

Magenta (11%)

Yellow (33%)

Black (9%)



Cyan (9%)

Magenta (19%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 207.9600, 31.8670, -10.3490 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 207.9600, 31.8670, -10.3490 by changing the saturation by 10% instead.

■ 207.9600, 31.8670,
-10.3490

■ 207.9600, 31.8670,
-10.3490

■ 255.0000, -0.0000,
-0.0000

■ 180.4760, 30.3540,
-10.4620

■ 249.8700, 14.4450,
-13.9950

■ 153.2910, 29.4370,
-10.3630

■ 253.0620, 5.4570,
-5.2870

■ 127.2200, 28.1990,
-9.9530

■ 101.7360, 26.6860,
-10.0660

■ 77.3660, 24.8520,
-9.8680

■ 54.3550, 23.3850,
-10.8150

■ 33.4240, 18.9370,

-7.2950

■ 13.6220, 9.8120,
-1.6120

■ 0.0000, 0.0000,
0.0000

■ 207.9600, 31.8670,
-10.3490

■ 207.9600, 31.8670,
-10.3490

■ 200.6420, 41.4500,
-13.3180

■ 215.2780, 22.2840,
-7.3800

■ 193.3240, 51.0330,
-16.2870

■ 222.5960, 12.7010,
-4.4110

■ 185.8920, 60.9370,
-19.5670

■ 230.0280, 2.7970,
-1.1310

■ 179.1610, 70.2450,
-23.0590

■ 236.7590, -6.5110,
2.3610

■ 171.8430, 79.8280,
-26.0280

■ 242.2530,
-10.9580, 0.3540

■ 164.5250, 89.4110,
-28.9970

■ 246.9490,
-13.1580, -3.8300

■ 159.7660, 95.9220,
-31.3580

■ 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.



210.3950, 44.2440, 2.1320



207.9600, 31.8670, -10.3490



205.1420, 10.5030, -19.6490

Triad

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



207.9600, 31.8670, -10.3490



196.8060, -58.5920, -17.4400



213.1830, 13.5670, 23.9590

Complementary

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



207.9600, 31.8670, -10.3490



179.0400, -31.8670, 10.3490

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.



210.7220, -13.1160, 17.4440



207.9600, 31.8670, -10.3490



199.8420, -58.2730, -6.6970

Square

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



207.9600, 31.8670, -10.3490



197.9140, -41.5810, -22.8690



204.6430, -38.2390, 4.6810



212.0570, 31.3570, 20.9330

Rectangle

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



207.9600, 31.8670, -10.3490



202.7640, -6.0480, -22.5600



204.6430, -38.2390, 4.6810



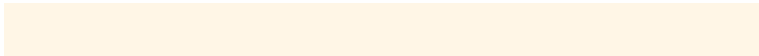
212.7520, 4.5350, 22.4470

Sweetspot

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



207.9600, 31.8670, -10.3490



246.8670, 10.5000, -3.0680



181.1010, 37.2250, 24.7210



122.6540, 6.7860, -1.8380



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.



207.9600, 31.8670, -10.3490



223.4140, 42.0920, -13.9400



219.6340, 17.5650, -26.4910



111.2840, 4.9520, -1.6400



122.7870, 74.2340, -23.7660



35.2070, 21.0460, -6.9700

Inverse Universe

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



179.0400, -31.8670, 10.3490



184.5860, -42.0920, 13.9400



167.3660, -17.5650, 26.4910



106.7160, -4.9520, 1.6400



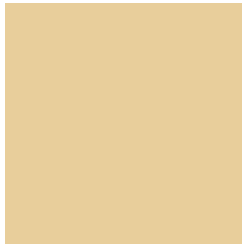
55.6260, -73.9590, 24.2890



15.7930, -21.0460, 6.9700

Previews

White Background



This preview shows how the YIQ color 207.9600, 31.8670, -10.3490 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 207.9600, 31.8670, -10.3490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

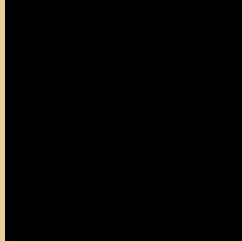
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 207.9600, 31.8670, -10.3490

Background



This preview shows how black text looks on a background with the YIQ color 207.9600, 31.8670, -10.3490.



This preview shows how white text looks on a background with the YIQ color 207.9600, 31.8670, -10.3490.

-10.3490.

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

207.9600, 31.8670, -10.3490

Protanopia

207.4430, 25.9530, -13.3030

Deuteranopia

208.7380, 41.5400, -3.9320



Tritanopia

212.0830, 19.3000, 13.6680

Trichromacy



Original Color

207.9600, 31.8670, -10.3490

Protanomaly

207.7530, 28.0160, -12.1440

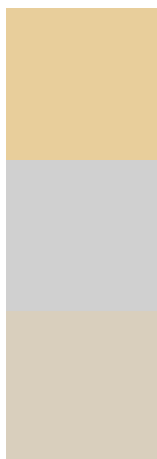
Deuteranomaly

208.4170, 38.0100, -6.0380

Tritanomaly

210.5530, 23.4280, 4.9320

Monochromacy



Original Color

207.9600, 31.8670, -10.3490

Achromatopsia

208.0000, -0.0000, -0.0000

Achromatomaly

207.9380, 11.7380, -3.4780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 207.9600, 31.8670, -10.3490 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, 206, 155)` looks like.

```
.text, #text, p{  
    color:rgb(232, 206, 155)  
}
```

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, 206, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 206, 155) }
```

Border

The CSS property to change the border of an element to YIQ 207.9600, 31.8670, -10.3490 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, 206, 155) }
```


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

```
.border{ border-color:rgb(232, 206, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 206, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 206, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 206, 155);  
box-shadow:4px 4px 4px 4px rgb(232, 206,  
155) }
```

Background

The CSS property to change the background color of an element to YIQ 207.9600, 31.8670, -10.3490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 206, 155) }
```

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

```
.background{ background-color: rgb(232,  
206, 155) }
```

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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