

Converting Colors

YIQ(223.4560, 33.1060,
-16.2860)

Have a look what the booklet for
YIQ(223.4560, 33.1060, -16.2860)
contains.

YIQ(223.4560, 33.1060, -16.2860)	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(223.4560, 33.1060,
-16.2860)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E19F
RGB	245, 225, 159
RGB Percent	96%, 88%, 62%
CMY	0.0392, 0.1177, 0.3763
CMYK	0.00, 0.08, 0.35, 0.04
HSL	46°, 81%, 79%
HSV	46°, 35%, 96%
XYZ	70.8417, 75.7634, 43.7121
YIQ	223.4560, 33.1060, -16.2860

Conversions

Conversions Part 2

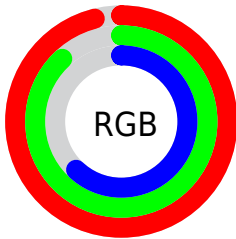
Format	Color
R _Y B	185, 245, 159
Decimal	16114079
CIE Lab	89.75, -2.48, 34.79
CIE LCh	90, 34.875, 94.078
Yxy	75.7634, 0.3722, 0.3981
Android (android.graphics.Color)	4294304159 (0xFFFF5E19F)
YUV	223.4560, -31.7768, 18.8941
Hunter-Lab	87.0422, -7.0465, 31.1544

Details

The YIQ color $223.4560, 33.1060, -16.2860$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $180.5440, -33.1060, 16.2860$, and the grayscale version is $224.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $250.3260, 13.1610, -12.7510$, and $168.2000, 30.9510, -15.7770$ is the 20% darker color. If you saturate the color by 10%, you get $217.1980, 42.4600, -20.6120$, and if you desaturate by 10%, it is $229.8280, 23.4310, -11.6490$.

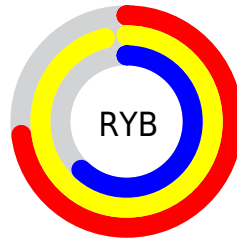
Distribution



Red (96%)

Green (88%)

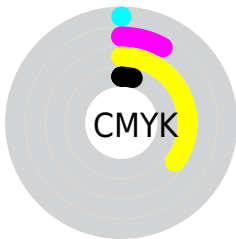
Blue (62%)



Red (73%)

Yellow (96%)

Blue (62%)

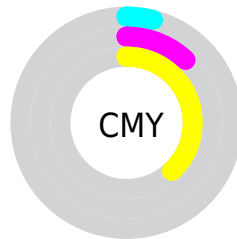


Cyan (0%)

Magenta (8%)

Yellow (35%)

Black (4%)



Cyan (4%)

Magenta (12%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.4560, 33.1060, -16.2860 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 223.4560, 33.1060, -16.2860 by changing the saturation by 10% instead.

■ 223.4560, 33.1060,
-16.2860

■ 223.4560, 33.1060,
-16.2860

■ 255.0000, -0.0000,
-0.0000

■ 195.3850, 31.8680,
-15.8760

■ 250.3260, 13.1610,
-12.7510

■ 168.2000, 30.9510,
-15.7770

■ 253.6320, 3.8520,
-3.7320

■ 141.1290, 29.7130,
-15.3670

■ 115.6450, 28.2000,
-15.4800

■ 90.1610, 26.6870,
-15.5930

■ 66.4490, 25.8160,
-16.3280

■ 45.2190, 20.7720,

-13.0200

■ 25.4170, 11.6470,
-7.3370

■ 0.0000, 0.0000,
0.0000

■ 223.4560, 33.1060,
-16.2860

■ 223.4560, 33.1060,
-16.2860

■ 217.1980, 42.4600,
-20.6120

■ 229.8280, 23.4310,
-11.6490

■ 211.4130, 51.8600,
-25.7720

■ 235.4990, 14.3520,
-6.8000

■ 205.1550, 61.2140,
-30.0980

■ 241.8710, 4.6770,
-2.1630

■ 198.7830, 70.8890,
-34.7350

■ 247.9010, -4.0350,
1.5410

■ 192.5250, 80.2430,
-39.0610

■ 251.4230, -5.6850,
-1.5970

■ 186.7400, 89.6430,
-44.2210

■ 252.0100, -5.9600,
-2.1200

■ 183.6110, 94.3200,
-46.3840

Harmonies

Analogous

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



220.9010, 39.5230, -5.9250



223.4560, 33.1060, -16.2860



219.8160, 5.3690, -25.7270

Triad

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



223.4560, 33.1060, -16.2860



208.1890, -75.9680, -21.9200



225.6500, 13.7500, 26.1500

Complementary

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



223.4560, 33.1060, -16.2860



180.5440, -33.1060, 16.2860

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.



225.8390, -0.3240, 16.8920



223.4560, 33.1060, -16.2860



211.2450, -61.2060, -14.1180

Square

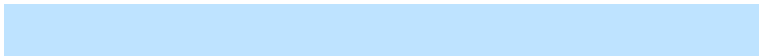
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



223.4560, 33.1060, -16.2860



209.9980, -59.5530, -27.5610



219.1290, -31.0400, 0.8640



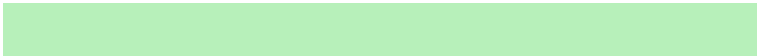
219.5400, 25.4430, 17.9790

Rectangle

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



223.4560, 33.1060, -16.2860



216.8010, -16.6380, -28.8780



219.1290, -31.0400, 0.8640



227.4110, 12.9250, 24.5810

Sweetspot

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



223.4560, 33.1060, -16.2860



247.6990, 10.9130, -5.0470



186.9940, 44.8360, 24.4520



123.7140, 6.5570, -3.1950



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

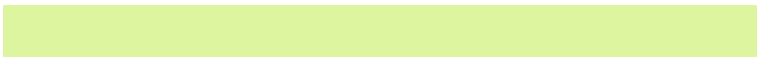
The Same Dimension uses a secret algorithm to generate beautiful new colors.



223.4560, 33.1060, -16.2860



228.1270, 41.2220, -20.2020



228.3190, 13.8980, -31.6220



119.4580, 4.4020, -2.6860



139.5550, 71.5310, -35.3570



44.0560, 22.7890, -11.0270

Inverse Universe

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



180.5440, -33.1060, 16.2860



174.8730, -41.2220, 20.2020



175.6810, -13.8980, 31.6220



113.1290, -4.6770, 2.1630



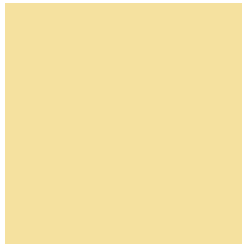
46.4450, -71.5310, 35.3570



14.9440, -22.7890, 11.0270

Previews

White Background



This preview shows how the YIQ color 223.4560, 33.1060, -16.2860 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 223.4560, 33.1060, -16.2860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

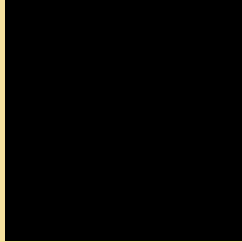
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 223.4560, 33.1060, -16.2860

Background



This preview shows how black text looks on a background with the YIQ color 223.4560, 33.1060, -16.2860.



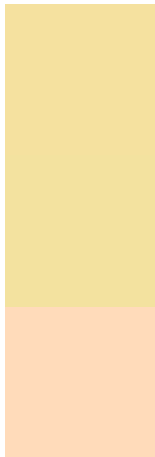
This preview shows how white text looks on a background with the YIQ color 223.4560, 33.1060, -16.2860.

-16.2860.

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

223.4560, 33.1060, -16.2860

Protanopia

223.4450, 31.6390, -17.2330

Deuteranopia

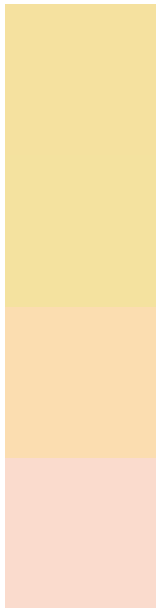
226.0020, 32.0490, -2.6310



Tritanopia

228.8870, 16.9160, 12.8200

Trichromacy



Original Color

223.4560, 33.1060, -16.2860

Protanomaly

223.7440, 32.2350, -17.0210

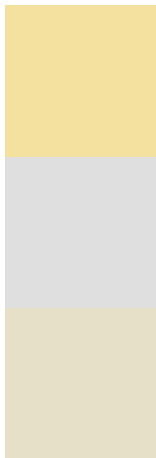
Deuteranomaly

224.8400, 32.3250, -7.6350

Tritanomaly

226.6730, 22.9700, 2.2180

Monochromacy



Original Color

223.4560, 33.1060, -16.2860

Achromatopsia

223.0000, -0.0000, -0.0000

Achromatomaly

223.3570, 11.8760, -5.9800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.4560, 33.1060, -16.2860 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(245, 225, 159)` looks like.

```
.text, #text, p{  
    color:rgb(245, 225, 159)  
}
```

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(245, 225, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 225, 159) }
```

Border

The CSS property to change the border of an element to YIQ 223.4560, 33.1060, -16.2860 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(245, 225, 159) }
```


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

```
.border{ border-color:rgb(245, 225, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 225, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 225, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 225, 159);  
box-shadow:4px 4px 4px 4px rgb(245, 225,  
159) }
```

Background

The CSS property to change the background color of an element to YIQ 223.4560, 33.1060, -16.2860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 225, 159) }
```

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

```
.background{ background-color: rgb(245,  
225, 159) }
```

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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