

Converting Colors

YIQ(207.2340, 33.6110,
-19.9330)

Have a look what the booklet for
YIQ(207.2340, 33.6110, -19.9330)
contains.

YIQ(207.2340, 33.6110, -19.9330)	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(207.2340, 33.6110,
-19.9330)**

Conversions

Conversions Part 1

Format	Color
Hex	E3D388
RGB	227, 211, 136
RGB Percent	89%, 83%, 53%
CMY	0.1098, 0.1726, 0.4665
CMYK	0.00, 0.07, 0.40, 0.11
HSL	49°, 62%, 71%
HSV	49°, 40%, 89%
XYZ	59.4178, 64.6946, 32.6664
YIQ	207.2340, 33.6110, -19.9330

Conversions

Conversions Part 2

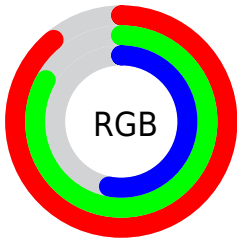
Format	Color
R_{YB}	155, 227, 136
Decimal	14930824
CIE _{Lab}	84.33, -4.91, 39.09
CIE _{LCh}	84, 39.395, 97.165
Yxy	64.6946, 0.3790, 0.4126
Android (android.graphics.Color)	4293120904 (0xFFE3D388)
YUV	207.2340, -35.1184, 17.3348
Hunter-Lab	80.4329, -8.8953, 32.2235

Details

The YIQ color $207.2340, 33.6110, -19.9330$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $155.7660, -33.6110, 19.9330$, and the grayscale version is $208.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $247.5900, 20.8650, -20.2150$, and $152.6790, 30.8600, -19.6360$ is the 20% darker color. If you saturate the color by 10%, you get $202.2640, 42.0940, -24.9940$, and if you desaturate by 10%, it is $212.2040, 25.1280, -14.8720$.

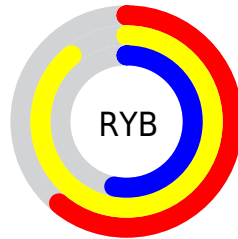
Distribution



Red (89%)

Green (83%)

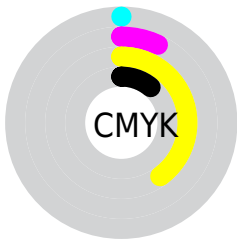
Blue (53%)



Red (61%)

Yellow (89%)

Blue (53%)

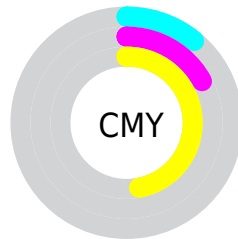


Cyan (0%)

Magenta (7%)

Yellow (40%)

Black (11%)



Cyan (11%)

Magenta (17%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 207.2340, 33.6110, -19.9330 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 207.2340, 33.6110, -19.9330 by changing the saturation by 10% instead.

■ 207.2340, 33.6110,
-19.9330

■ 207.2340, 33.6110,
-19.9330

255.0000, -0.0000,
-0.0000

■ 179.1630, 32.3730,
-19.5230

■ 247.5900, 20.8650,
-20.2150

■ 152.6790, 30.8600,
-19.6360

■ 250.7820, 11.8770,
-11.5070

■ 126.4940, 29.9430,
-19.5370

■ 254.0880, 2.5680,
-2.4880

■ 101.0100, 28.4300,
-19.6500

■ 76.1840, 27.8800,
-20.6960

■ 54.0680, 22.5150,
-17.0770

■ 33.6790, 13.6650,

-10.8710

■ 13.2680, 1.8810,
-6.5590

■ 0.0000, 0.0000,
0.0000

■ 207.2340, 33.6110,
-19.9330

■ 207.2340, 33.6110,
-19.9330

■ 202.2640, 42.0940,
-24.9940

■ 212.2040, 25.1280,
-14.8720

■ 197.4080, 50.2560,
-29.7440

■ 217.0600, 16.9660,
-10.1220

■ 192.4380, 58.7390,
-34.8050

■ 222.0300, 8.4830,
-5.0610

■ 187.4680, 67.2220,
-39.8660

■ 227.0000, -0.0000,
-0.0000

■ 182.6120, 75.3840,
-44.6160

■ 231.9700, -8.4830,
5.0610

■ 177.6420, 83.8670,
-49.6770

■ 234.8880,
-11.1880, 4.5240

■ 237.2360,
-12.2880, 2.4320

■ 239.5840,
-13.3880, 0.3400

■ 241.9320,
-14.4880, -1.7520

Harmonies

Analogous

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



208.7730, 51.6270, -5.0210



207.2340, 33.6110, -19.9330



203.3270, 2.2520, -29.8120

Triad

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



207.2340, 33.6110, -19.9330



187.0000, -97.4250, -24.0250



212.7870, 23.7900, 31.4220

Complementary

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



207.2340, 33.6110, -19.9330



155.7660, -33.6110, 19.9330

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.



213.1690, -1.0130, 23.8750



207.2340, 33.6110, -19.9330



193.7690, -74.3650, -12.4210

Square

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



207.2340, 33.6110, -19.9330



189.7510, -75.0950, -32.2390



204.6540, -36.7720, 5.6280



206.2210, 36.7670, 22.0070

Rectangle

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



207.2340, 33.6110, -19.9330



198.8710, -22.8270, -32.3550



204.6540, -36.7720, 5.6280



215.5030, 18.8380, 33.0620

Sweetspot

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



207.2340, 33.6110, -19.9330



248.5310, 11.3260, -7.0260



165.1470, 48.7790, 24.5790



123.6000, 6.8780, -3.5060



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.



207.2340, 33.6110, -19.9330



228.1780, 45.2120, -26.4360



207.9550, 11.9270, -34.4490



112.4580, 4.4020, -2.6860



139.8100, 66.2590, -38.9330



39.9030, 18.8460, -11.1540

Inverse Universe

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



155.7660, -33.6110, 19.9330



159.2350, -44.9370, 26.9590



155.0450, -11.9270, 34.4490



105.5420, -4.4020, 2.6860



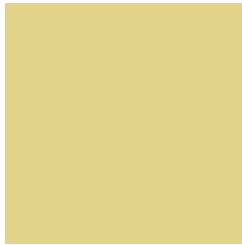
38.6030, -65.9840, 39.4560



11.0970, -18.8460, 11.1540

Previews

White Background



This preview shows how the YIQ color 207.2340, 33.6110, -19.9330 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 207.2340, 33.6110, -19.9330 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 207.2340, 33.6110, -19.9330

Background



This preview shows how black text looks on a background with the YIQ color 207.2340, 33.6110, -19.9330.



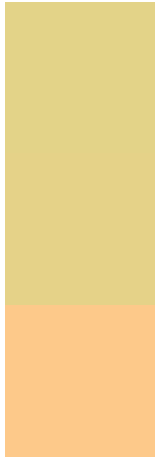
This preview shows how white text looks on a background with the YIQ color 207.2340, 33.6110,

-19.9330.

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

207.2340, 33.6110, -19.9330

Protanopia

207.2450, 35.0780, -18.9860

Deuteranopia

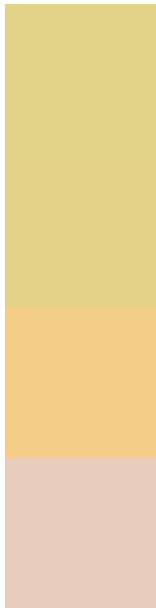
209.3660, 51.2150, -8.5690



Tritanopia

213.2890, 15.7240, 12.3960

Trichromacy



Original Color

207.2340, 33.6110, -19.9330

Protanomaly

206.9460, 34.4820, -19.1980

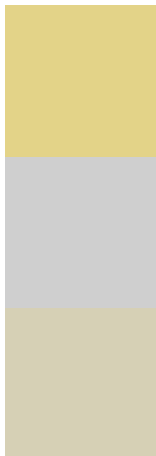
Deuteranomaly

208.9090, 45.0720, -12.8800

Tritanomaly

211.4340, 22.1450, 0.6490

Monochromacy



Original Color

207.2340, 33.6110, -19.9330

Achromatopsia

207.0000, 0.0000, -0.0000

Achromatomaly

206.7160, 12.2430, -7.1250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 207.2340, 33.6110, -19.9330 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(227, 211, 136)` looks like.

```
.text, #text, p{  
    color:rgb(227, 211, 136)  
}
```

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(227, 211, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 211, 136) }
```

Border

The CSS property to change the border of an element to YIQ 207.2340, 33.6110, -19.9330 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(227, 211, 136) }
```


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

```
.border{ border-color:rgb(227, 211, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 211, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 211, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 211, 136);  
box-shadow:4px 4px 4px 4px rgb(227, 211,  
136) }
```

Background

The CSS property to change the background color of an element to YIQ 207.2340, 33.6110, -19.9330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 211, 136) }
```

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

```
.background{ background-color: rgb(227,  
211, 136) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor