

Converting Colors

YIQ(225.5330, 17.0120,
-10.9560)

Have a look what the booklet for
YIQ(225.5330, 17.0120, -10.9560)
contains.

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Color

**YIQ(225.5330, 17.0120,
-10.9560)**

Conversions

Conversions Part 1

Format	Color
Hex	EBE4BC
RGB	235, 228, 188
RGB Percent	92%, 89%, 74%
CMY	0.0784, 0.1059, 0.2626
CMYK	0.00, 0.03, 0.20, 0.08
HSL	51°, 54%, 83%
HSV	51°, 20%, 92%
XYZ	71.0826, 76.7789, 58.6645
YIQ	225.5330, 17.0120, -10.9560

Conversions

Conversions Part 2

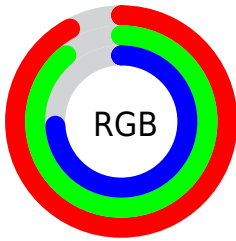
Format	Color
R _Y B	196, 235, 188
Decimal	15459516
CIE Lab	90.22, -3.99, 20.39
CIE LCh	90, 20.782, 101.081
Yxy	76.7789, 0.3442, 0.3718
Android (android.graphics.Color)	4293649596 (0xFFE4BC)
YUV	225.5330, -18.5038, 8.3026
Hunter-Lab	87.6235, -8.5371, 21.6415

Details

The YIQ color $225.5330, 17.0120, -10.9560$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $197.4670, -17.0120, 10.9560$, and the grayscale version is $226.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $253.7460, 3.5310, -3.4210$, and $170.4620, 15.7740, -10.5460$ is the 20% darker color. If you saturate the color by 10%, you get $221.1500, 25.2200, -16.5400$, and if you desaturate by 10%, it is $230.6170, 8.2080, -5.5840$.

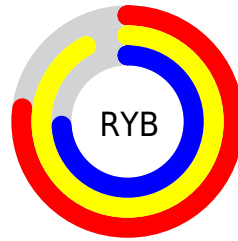
Distribution



Red (92%)

Green (89%)

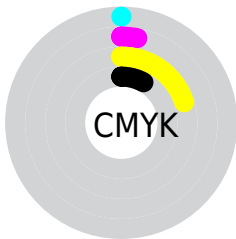
Blue (74%)



Red (77%)

Yellow (92%)

Blue (74%)

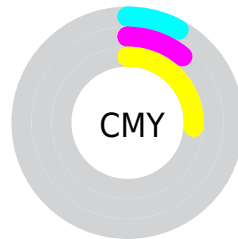


Cyan (0%)

Magenta (3%)

Yellow (20%)

Black (8%)



Cyan (8%)

Magenta (11%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 225.5330, 17.0120, -10.9560 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 225.5330, 17.0120, -10.9560 by changing the saturation by 10% instead.

■ 225.5330, 17.0120,
-10.9560

■ 225.5330, 17.0120,
-10.9560

255.0000, -0.0000,
-0.0000

■ 197.6470, 16.6910,
-10.6450

■ 253.7460, 3.5310,
-3.4210

■ 170.4620, 15.7740,
-10.5460

■ 143.5760, 15.4530,
-10.2350

■ 117.8040, 14.8110,
-9.6130

■ 93.2060, 13.6190,
-10.0370

■ 69.4340, 12.9770,
-9.4150

■ 46.9500, 11.4640,

-9.5280

■ 26.5910, 11.0970,
-8.3830

■ 1.1740, -0.5500,
-1.0460

■ 225.5330, 17.0120,
-10.9560

■ 225.5330, 17.0120,
-10.9560

■ 221.1500, 25.2200,
-16.5400

■ 230.6170, 8.2080,
-5.5840

■ 216.0660, 34.0240,
-21.9120

■ 235.0000, 0.0000,
-0.0000

■ 211.6830, 42.2320,
-27.4960

■ 239.6280, -7.5200,
4.1280

■ 206.5990, 51.0360,
-32.8680

■ 241.3890, -8.3450,
2.5590

■ 202.2160, 59.2440,
-38.4520

■ 243.7370, -9.4450,
0.4670

■ 197.1320, 68.0480,
-43.8240

■ 245.4980,
-10.2700, -1.1020

■ 192.7490, 76.2560,
-49.4080

■ 247.8460,
-11.3700, -3.1940

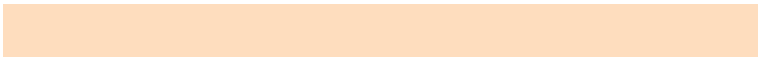
■ 187.6650, 85.0600,
-54.7800

■ 249.0200,
-11.9200, -4.2400

Harmonies

Analogous

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



227.3330, 29.6190, -2.6450



225.5330, 17.0120, -10.9560



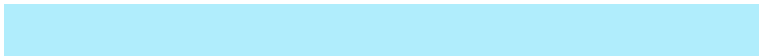
223.2040, -1.2350, -16.1710

Triad

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



225.5330, 17.0120, -10.9560



220.4710, -41.1710, -8.2670



229.8100, 15.8150, 16.2550

Complementary

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



225.5330, 17.0120, -10.9560



197.4670, -17.0120, 10.9560

Split Complementary

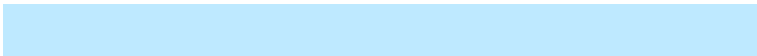
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



229.9700, 0.6850, 15.1250



225.5330, 17.0120, -10.9560



222.6510, -32.6900, -2.2740

Square

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



225.5330, 17.0120, -10.9560



219.8920, -35.3470, -14.6990



225.7180, -16.4610, 6.4750



226.3560, 22.7850, 11.0810

Rectangle

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



225.5330, 17.0120, -10.9560



221.9190, -13.6140, -17.5980



225.7180, -16.4610, 6.4750



230.8960, 12.6970, 17.6970

Sweetspot

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



225.5330, 17.0120, -10.9560



252.1160, 5.3650, -3.6190



202.8510, 25.7650, 12.1410



125.8000, 3.4390, -1.7530



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.



225.5330, 17.0120, -10.9560



242.7630, 22.0560, -14.2640



224.8580, 5.5510, -18.0090



115.1590, 3.8060, -2.8980



144.5170, 65.5260, -42.1700



43.1480, 19.5340, -12.6100

Inverse Universe

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



197.4670, -17.0120, 10.9560



206.2370, -22.0560, 14.2640



198.1420, -5.5510, 18.0090



107.8410, -3.8060, 2.8980



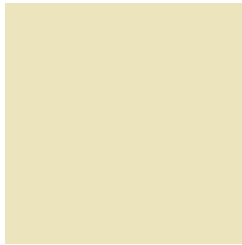
36.4830, -65.5260, 42.1700



10.8520, -19.5340, 12.6100

Previews

White Background



This preview shows how the YIQ color 225.5330, 17.0120, -10.9560 looks on a white background.

Color Contrast Check

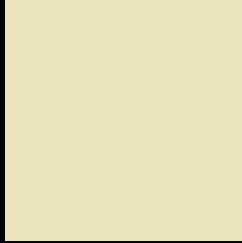
Large Text (above 18pt) WCAG AA × Fail

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 225.5330, 17.0120, -10.9560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

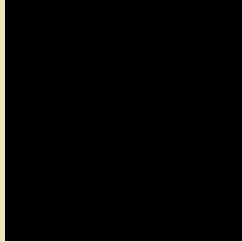
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

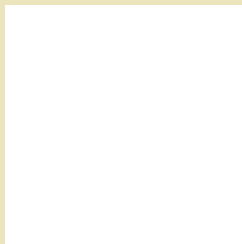
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 225.5330, 17.0120, -10.9560

Background



This preview shows how black text looks on a background with the YIQ color 225.5330, 17.0120, -10.9560.



This preview shows how white text looks on a background with the YIQ color 225.5330, 17.0120, -10.9560.

-10.9560.

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

225.5330, 17.0120, -10.9560

Protanopia

225.7400, 20.8630, -9.1610

Deuteranopia

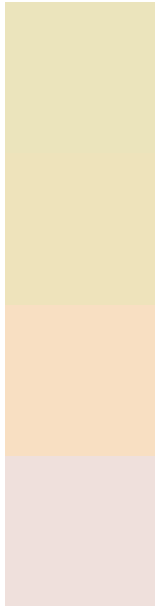
227.9570, 27.9220, 0.5780



Tritanopia

229.2170, 7.0590, 9.7390

Trichromacy



Original Color

225.5330, 17.0120, -10.9560

Protanomaly

225.7290, 19.3960, -10.1080

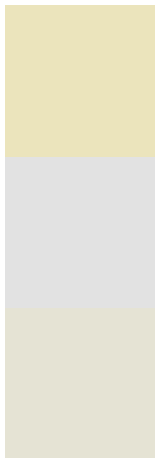
Deuteranomaly

227.1690, 24.2090, -3.7190

Tritanomaly

228.0290, 10.2240, 1.9360

Monochromacy



Original Color

225.5330, 17.0120, -10.9560

Achromatopsia

226.0000, -0.0000, 0.0000

Achromatomaly

225.8880, 6.0070, -4.2410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 225.5330, 17.0120, -10.9560 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(235, 228, 188)` looks like.

```
.text, #text, p{  
    color:rgb(235, 228, 188)  
}
```

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(235, 228, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 228, 188) }
```

Border

The CSS property to change the border of an element to YIQ 225.5330, 17.0120, -10.9560 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(235, 228, 188) }
```


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

```
.border{ border-color:rgb(235, 228, 188) }
```

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

Here you see how a box with a 4 pixel rgb(235, 228, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 228, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 228, 188);  
box-shadow:4px 4px 4px 4px rgb(235, 228,  
188) }
```

Background

The CSS property to change the background color of an element to YIQ 225.5330, 17.0120, -10.9560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 228, 188) }
```

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

```
.background{ background-color: rgb(235,  
228, 188) }
```

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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