

Converting Colors

YIQ(228.6330, 11.2790, -0.6650)

Have a look what the booklet for
YIQ(228.6330, 11.2790, -0.6650)
contains.

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Color

**YIQ(228.6330, 11.2790,
-0.6650)**

Conversions

Conversions Part 1

Format	Color
Hex	EFE2D7
RGB	239, 226, 215
RGB Percent	94%, 89%, 84%
CMY	0.0627, 0.1137, 0.1568
CMYK	0.00, 0.05, 0.10, 0.06
HSL	27°, 43%, 89%
HSV	27°, 10%, 94%
XYZ	75.0610, 77.6485, 75.3307
YIQ	228.6330, 11.2790, -0.6650

Conversions

Conversions Part 2

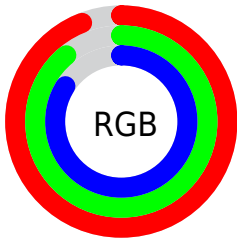
Format	Color
R_{YB}	239, 235, 215
Decimal	15721175
CIE _{Lab}	90.62, 2.60, 6.94
CIE _{LCh}	91, 7.408, 69.474
Yxy	77.6485, 0.3292, 0.3405
Android (android.graphics.Color)	4293911255 (0xFFEFE2D7)
YUV	228.6330, -6.7211, 9.0919
Hunter-Lab	88.1184, -2.1573, 10.9970

Details

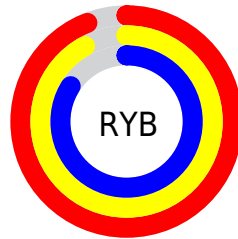
The YIQ color $228.6330, 11.2790, -0.6650$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $225.3670, -11.2790, 0.6650$, and the grayscale version is $229.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $173.3340, 10.6830, -0.8770$ is the 20% darker color. If you saturate the color by 10%, you get $218.2660, 22.5580, -1.3300$, and if you desaturate by 10%, it is $239.0000, -0.0000, -0.0000$.

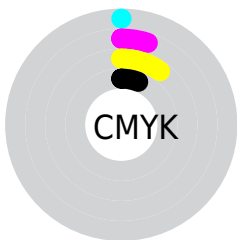
Distribution



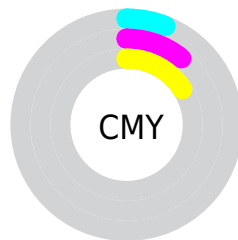
- Red (94%)
- Green (89%)
- Blue (84%)



- Red (94%)
- Yellow (92%)
- Blue (84%)



- Cyan (0%)
- Magenta (5%)
- Yellow (10%)
- Black (6%)



- Cyan (6%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 228.6330, 11.2790, -0.6650 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 228.6330, 11.2790, -0.6650 by changing the saturation by 10% instead.

■ 228.6330, 11.2790,
-0.6650

■ 228.6330, 11.2790,
-0.6650

255.0000, -0.0000,
-0.0000

■ 200.6330, 11.2790,
-0.6650

■ 173.3340, 10.6830,
-0.8770

■ 146.4480, 10.3620,
-0.5660

■ 121.1490, 9.7660,
-0.7780

■ 96.2630, 9.4450,
-0.4670

■ 71.9640, 8.8490,
-0.6790

■ 49.7790, 7.9320,

-0.5800

■ 28.7790, 7.9320,
-0.5800

■ 2.9900, 5.9600,
2.1200

■ 228.6330, 11.2790,
-0.6650

■ 228.6330, 11.2790,
-0.6650

■ 218.2660, 22.5580,
-1.3300

■ 239.0000, -0.0000,
-0.0000

■ 207.8990, 33.8370,
-1.9950

■ 248.4550, -8.7110,
-1.8230

■ 197.5320, 45.1160,
-2.6600

■ 250.2160, -9.5360,
-3.3920

■ 187.1650, 56.3950,
-3.3250

■ 176.9120, 67.3530,
-3.6790

■ 166.5450, 78.6320,
-4.3440

■ 156.1780, 89.9110,
-5.0090

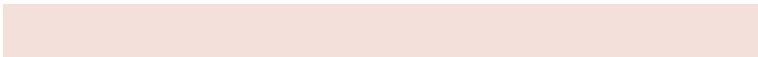
■ 145.8110,
101.1900, -5.6740

■ 135.4440,
112.4690, -6.3390

Harmonies

Analogous

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



229.1110, 12.9290, 2.4730



228.6330, 11.2790, -0.6650



227.6000, 6.8780, -3.5060

Triad

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



228.6330, 11.2790, -0.6650



225.7920, -11.2780, -4.8620



229.2760, -0.5970, 5.3150

Complementary

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



228.6330, 11.2790, -0.6650



225.3670, -11.2790, 0.6650

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.



228.4000, -6.8780, 3.5060



228.6330, 11.2790, -0.6650



226.5900, -13.5250, -2.6850

Square

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



228.6330, 11.2790, -0.6650



226.1900, -6.6470, -6.1910



227.0680, -11.8750, 0.4530



229.8100, 6.6470, 6.1910

Rectangle

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



228.6330, 11.2790, -0.6650



227.2080, 2.1100, -5.2020



227.0680, -11.8750, 0.4530



228.7920, -2.1100, 5.2020

Sweetspot

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



228.6330, 11.2790, -0.6650



251.7400, 3.6680, -0.3960



223.6580, 10.1310, 9.1310



125.5550, 2.7510, -0.2970



0.0000, 0.0000, 0.0000



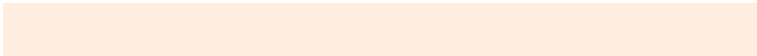
128.0000, -0.0000, -0.0000

Same Dimension

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



228.6330, 11.2790, -0.6650



241.4870, 14.6260, -0.7500



235.6770, 7.9790, -6.9410



114.5230, 5.7770, -0.0710



104.3240, 86.5640, -4.9240



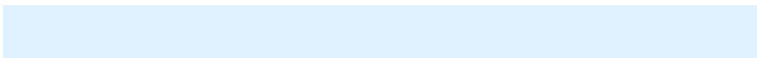
32.0060, 26.2260, -1.7260

Inverse Universe

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



225.3670, -11.2790, 0.6650



237.5130, -14.6260, 0.7500



218.3230, -7.9790, 6.9410



112.8900, -5.5020, 0.5940



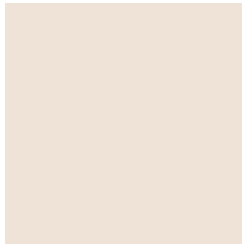
79.6760, -86.5640, 4.9240



23.9940, -26.2260, 1.7260

Previews

White Background



This preview shows how the YIQ color 228.6330, 11.2790, -0.6650 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 228.6330, 11.2790, -0.6650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

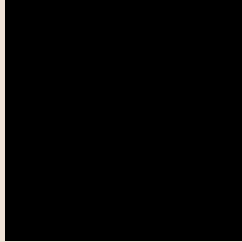
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 228.6330, 11.2790, -0.6650

Background



This preview shows how black text looks on a background with the YIQ color 228.6330, 11.2790, -0.6650.



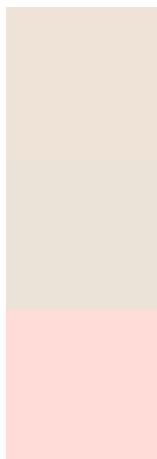
This preview shows how white text looks on a background with the YIQ color 228.6330, 11.2790,

-0.6650.

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

228.6330, 11.2790, -0.6650

Protanopia

228.1380, 8.2990, -1.7250

Deuteranopia

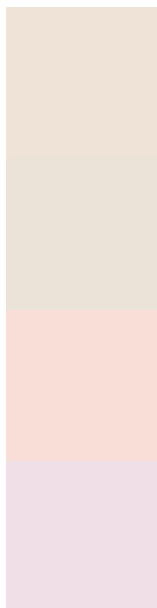
230.0090, 22.1440, 6.1760



Tritanopia

230.0320, 6.1420, 9.8380

Trichromacy



Original Color

228.6330, 11.2790, -0.6650

Protanomaly

228.4370, 8.8950, -1.5130

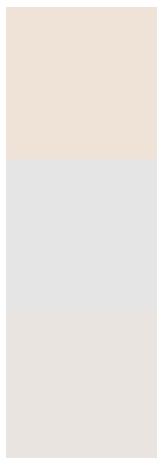
Deuteranomaly

229.3890, 18.0180, 3.8580

Tritanomaly

229.2940, 8.1600, 6.3040

Monochromacy



Original Color

228.6330, 11.2790, -0.6650

Achromatopsia

229.0000, -0.0000, -0.0000

Achromatomaly

229.0390, 4.2640, -0.1840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 228.6330, 11.2790, -0.6650 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(239, 226, 215)` looks like.

```
.text, #text, p{  
    color:rgb(239, 226, 215)  
}
```

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(239, 226, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 226, 215) }
```

Border

The CSS property to change the border of an element to YIQ 228.6330, 11.2790, -0.6650 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(239, 226, 215) }
```


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

```
.border{ border-color:rgb(239, 226, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 226, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 226, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 226, 215);  
box-shadow:4px 4px 4px 4px rgb(239, 226,  
215) }
```

Background

The CSS property to change the background color of an element to YIQ 228.6330, 11.2790, -0.6650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 226, 215) }
```

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

```
.background{ background-color: rgb(239,  
226, 215) }
```

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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