

Converting Colors

YIQ(226.2830, 6.6930, 5.3570)

Have a look what the booklet for
YIQ(226.2830, 6.6930, 5.3570)
contains.

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Color

**YIQ(226.2830, 6.6930,
5.3570)**

Conversions

Conversions Part 1

Format	Color
Hex	ECDDE4
RGB	236, 221, 228
RGB Percent	93%, 87%, 89%
CMY	0.0745, 0.1333, 0.1059
CMYK	0.00, 0.06, 0.03, 0.07
HSL	332°, 28%, 90%
HSV	332°, 6%, 93%
XYZ	74.4546, 75.1459, 83.9831
YIQ	226.2830, 6.6930, 5.3570

Conversions

Conversions Part 2

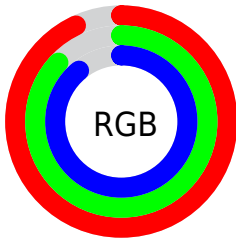
Format	Color
R _Y B	236, 221, 228
Decimal	15523300
CIE Lab	89.46, 6.34, -1.59
CIE LCh	89, 6.536, 345.943
Yxy	75.1459, 0.3187, 0.3217
Android (android.graphics.Color)	4293713380 (0xFFECDDE4)
YUV	226.2830, 0.8465, 8.5218
Hunter-Lab	86.6868, 1.6105, 3.2399

Details

The YIQ color $226.2830, 6.6930, 5.3570$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $230.7170, -6.6930, -5.3570$, and the grayscale version is $226.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $170.9840, 6.0970, 5.1450$ is the 20% darker color. If you saturate the color by 10%, you get $210.7130, 17.4660, 13.8660$, and if you desaturate by 10%, it is $241.8530, -4.0800, -3.1520$.

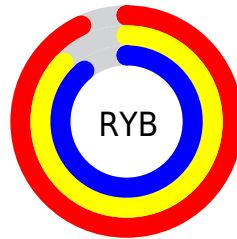
Distribution



Red (93%)

Green (87%)

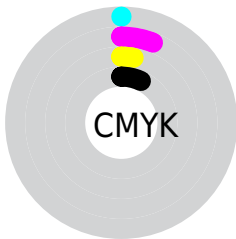
Blue (89%)



Red (93%)

Yellow (87%)

Blue (89%)

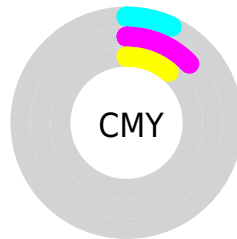


Cyan (0%)

Magenta (6%)

Yellow (3%)

Black (7%)



Cyan (7%)

Magenta (13%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 226.2830, 6.6930, 5.3570 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 226.2830, 6.6930, 5.3570 by changing the saturation by 10% instead.

226.2830, 6.6930,
5.3570

226.2830, 6.6930,
5.3570

255.0000, -0.0000,
-0.0000

198.2830, 6.6930,
5.3570

170.9840, 6.0970,
5.1450

144.5710, 5.8220,
4.6220

118.5710, 5.8220,
4.6220

94.2720, 5.2260,
4.4100

70.2720, 5.2260,
4.4100

47.9730, 4.6300,

4.1980

■ 26.9730, 4.6300,
4.1980

■ 3.2180, 5.3180,
2.7420

■ 226.2830, 6.6930,
5.3570

■ 226.2830, 6.6930,
5.3570

■ 210.7130, 17.4660,
13.8660

■ 241.8530, -4.0800,
-3.1520

■ 195.8440, 27.6430,
22.1630

■ 249.0910,
-10.6820, -4.6500

■ 180.2740, 38.4160,
30.6720

■ 249.3190,
-11.3240, -4.0280

■ 165.4050, 48.5930,
38.9690

■ 149.8350, 59.3660,
47.4780

■ 134.3790, 69.8180,
56.2980

■ 119.3960, 80.3160,
64.2840

■ 103.8260, 91.0890,
72.7930

■ 88.9570, 101.2660,
81.0900

Harmonies

Analogous

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



225.7600, 0.9160, 5.4280



226.2830, 6.6930, 5.3570



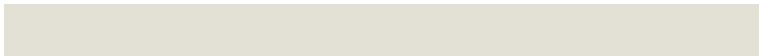
226.4960, 10.4070, 4.1270

Triad

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



226.2830, 6.6930, 5.3570



224.2300, 5.0440, -3.3080



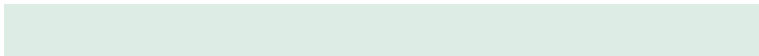
223.6010, -12.0580, -1.7380

Complementary

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



226.2830, 6.6930, 5.3570



230.7170, -6.6930, -5.3570

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.



223.2050, -11.0030, -4.3390



226.2830, 6.6930, 5.3570



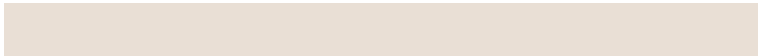
223.3540, -1.2370, -5.1170

Square

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



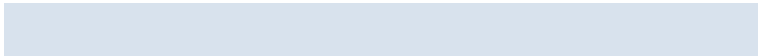
226.2830, 6.6930, 5.3570



224.8500, 9.1700, -0.9900



222.8310, -7.0140, -5.0460



224.2640, -9.4910, 1.3010

Rectangle

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



226.2830, 6.6930, 5.3570



225.7410, 11.0950, 2.6710



222.8310, -7.0140, -5.0460



223.0740, -12.0120, -2.5720

Sweetspot

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



226.2830, 6.6930, 5.3570



251.7230, 2.3380, 1.6820



225.1020, -0.0470, 6.3610



126.0110, 1.4670, 0.9470



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.



226.2830, 6.6930, 5.3570



242.0060, 9.0310, 7.0390



225.4850, 8.9400, 3.1800



109.8590, 4.9510, 3.8870



63.8090, 80.5910, 64.8070



18.9960, 24.1590, 19.2230

Inverse Universe

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



226.2830, 6.6930, 5.3570



242.0060, 9.0310, 7.0390



231.5150, -8.9400, -3.1800



109.8590, 4.9510, 3.8870



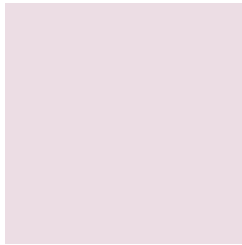
63.8090, 80.5910, 64.8070



18.9960, 24.1590, 19.2230

Previews

White Background



This preview shows how the YIQ color 226.2830, 6.6930, 5.3570 looks on a white background.

Color Contrast Check

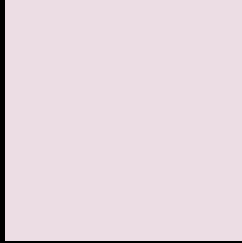
Large Text (above 18pt) WCAG AA × Fail

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 226.2830, 6.6930, 5.3570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

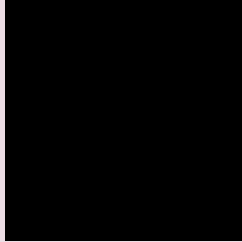
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

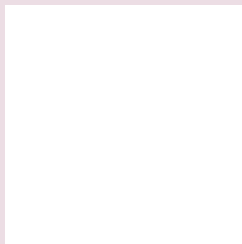
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 226.2830, 6.6930, 5.3570

Background



This preview shows how black text looks on a background with the YIQ color 226.2830, 6.6930, 5.3570.



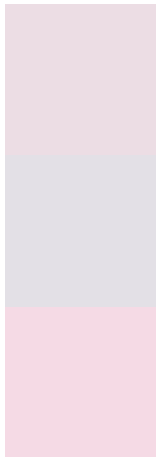
This preview shows how white text looks on a background with the YIQ color 226.2830, 6.6930,

5.3570.

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

226.2830, 6.6930, 5.3570

Protanopia

225.5810, -0.1380, 2.5020

Deuteranopia

227.3270, 12.5610, 9.1450



Tritanopia

227.0210, 4.6750, 8.8910

Trichromacy



Original Color

226.2830, 6.6930, 5.3570

Protanomaly

225.7770, 2.2460, 3.3500

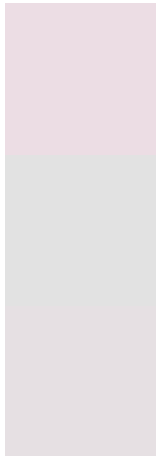
Deuteranomaly

227.0170, 10.4980, 7.9860

Tritanomaly

226.6790, 5.6380, 7.9580

Monochromacy



Original Color

226.2830, 6.6930, 5.3570

Achromatopsia

226.0000, -0.0000, 0.0000

Achromatomaly

226.1360, 2.6130, 2.2050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 226.2830, 6.6930, 5.3570 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(236, 221, 228)` looks like.

```
.text, #text, p{  
    color:rgb(236, 221, 228)  
}
```

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(236, 221, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 221, 228) }
```

Border

The CSS property to change the border of an element to YIQ 226.2830, 6.6930, 5.3570 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(236, 221, 228) }
```


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

```
.border{ border-color:rgb(236, 221, 228) }
```

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

Here you see how a box with a 4 pixel rgb(236, 221, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 221, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 221, 228);  
box-shadow:4px 4px 4px 4px rgb(236, 221,  
228) }
```

Background

The CSS property to change the background color of an element to YIQ 226.2830, 6.6930, 5.3570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 221, 228) }
```

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

```
.background{ background-color: rgb(236,  
221, 228) }
```

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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