

Converting Colors

YIQ(232.6930, 11.0500, -2.0220)

Have a look what the booklet for
YIQ(232.6930, 11.0500, -2.0220)
contains.

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Color

**YIQ(232.6930, 11.0500,
-2.0220)**

Conversions

Conversions Part 1

Format	Color
Hex	F2E7D9
RGB	242, 231, 217
RGB Percent	95%, 91%, 85%
CMY	0.0510, 0.0941, 0.1490
CMYK	0.00, 0.05, 0.10, 0.05
HSL	34°, 49%, 90%
HSV	34°, 10%, 95%
XYZ	77.7203, 81.0377, 77.2007
YIQ	232.6930, 11.0500, -2.0220

Conversions

Conversions Part 2

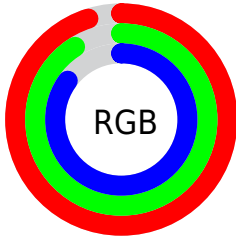
Format	Color
R_{YB}	237, 242, 217
Decimal	15919065
CIE Lab	92.15, 1.40, 8.12
CIE LCh	92, 8.242, 80.216
Yxy	81.0377, 0.3294, 0.3434
Android (android.graphics.Color)	4294109145 (0xFFFF2E7D9)
YUV	232.6930, -7.7366, 8.1622
Hunter-Lab	90.0210, -3.4273, 12.1684

Details

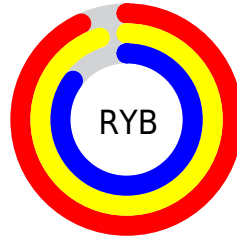
The YIQ color $232.6930, 11.0500, -2.0220$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $226.3070, -11.0500, 2.0220$, and the grayscale version is $233.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $176.8070, 10.7290, -1.7110$ is the 20% darker color. If you saturate the color by 10%, you get $223.5000, 21.7790, -3.7330$, and if you desaturate by 10%, it is $241.8860, 0.3210, -0.3110$.

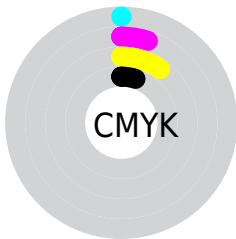
Distribution



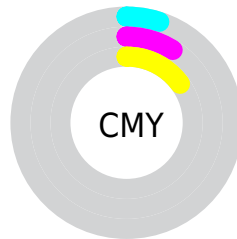
- Red (95%)
- Green (91%)
- Blue (85%)



- Red (93%)
- Yellow (95%)
- Blue (85%)



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



- Cyan (5%)
- Magenta (9%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 232.6930, 11.0500, -2.0220 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 232.6930, 11.0500, -2.0220 by changing the saturation by 10% instead.

232.6930, 11.0500,
-2.0220

232.6930, 11.0500,
-2.0220

255.0000, -0.0000,
-0.0000

204.6930, 11.0500,
-2.0220

176.8070, 10.7290,
-1.7110

150.5080, 10.1330,
-1.9230

124.6220, 9.8120,
-1.6120

99.3230, 9.2160,
-1.8240

75.4370, 8.8950,
-1.5130

53.1380, 8.2990,

-1.7250

■ 31.9530, 7.3820,
-1.6260

■ 8.0070, 7.2900,
0.0420

■ 232.6930, 11.0500,
-2.0220

■ 232.6930, 11.0500,
-2.0220

■ 223.5000, 21.7790,
-3.7330

■ 241.8860, 0.3210,
-0.3110

■ 214.8940, 32.2330,
-5.9670

■ 249.3520, -6.9230,
-1.1870

■ 205.5870, 43.2830,
-7.9890

■ 251.1130, -7.7480,
-2.7560

■ 196.3940, 54.0120,
-9.7000

■ 187.7880, 64.4660,
-11.9340

■ 178.5950, 75.1950,
-13.6450

■ 169.4020, 85.9240,
-15.3560

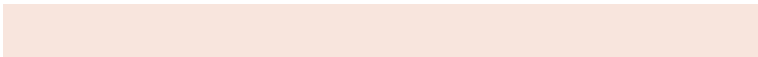
■ 160.6820, 96.6990,
-17.9010

■ 151.6030,
107.1070, -19.3010

Harmonies

Analogous

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



233.7690, 13.8920, 1.5400



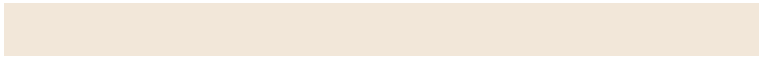
232.6930, 11.0500, -2.0220



231.8770, 4.5400, -5.1880

Triad

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



232.6930, 11.0500, -2.0220



229.9380, -14.6250, -4.7770



233.8850, 2.0620, 6.6860

Complementary

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



232.6930, 11.0500, -2.0220



226.3070, -11.0500, 2.0220

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.



232.8240, -5.1360, 4.9760



232.6930, 11.0500, -2.0220



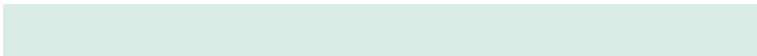
230.6330, -15.0840, -1.9640

Square

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



232.6930, 11.0500, -2.0220



230.1080, -9.3520, -6.7280



232.0080, -11.6460, 1.8100



233.8920, 9.3520, 6.7280

Rectangle

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



232.6930, 11.0500, -2.0220



230.8980, 0.0470, -6.3610



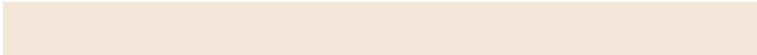
232.0080, -11.6460, 1.8100



233.8030, -0.6430, 6.1490

Sweetspot

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



232.6930, 11.0500, -2.0220



252.3270, 3.3930, -0.9190



225.7290, 11.3690, 8.7210



125.5550, 2.7510, -0.2970



0.0000, 0.0000, 0.0000



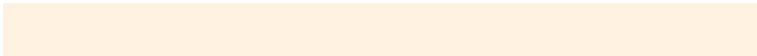
128.0000, -0.0000, -0.0000

Same Dimension

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



232.6930, 11.0500, -2.0220



243.8350, 13.5260, -2.8420



238.8510, 7.4290, -7.9870



115.6970, 5.2270, -1.1170



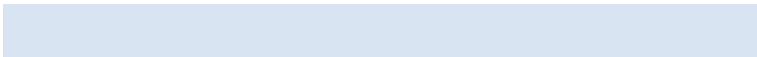
115.4770, 81.3390, -14.8610



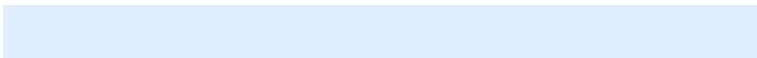
34.9410, 24.8510, -4.3410

Inverse Universe

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



226.3070, -11.0500, 2.0220



235.7520, -13.8010, 2.3190



220.1490, -7.4290, 7.9870



112.3030, -5.2270, 1.1170



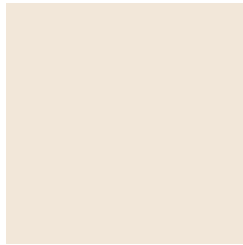
68.5230, -81.3390, 14.8610



21.0590, -24.8510, 4.3410

Previews

White Background



This preview shows how the YIQ color 232.6930, 11.0500, -2.0220 looks on a white background.

Color Contrast Check

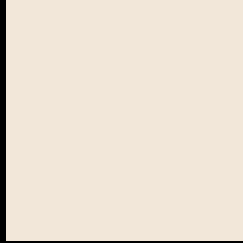
Large Text (above 18pt) WCAG AA × Fail

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 232.6930, 11.0500, -2.0220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

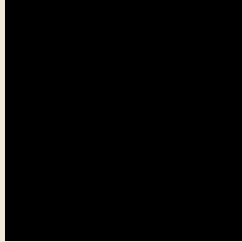
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 232.6930, 11.0500, -2.0220

Background



This preview shows how black text looks on a background with the YIQ color 232.6930, 11.0500, -2.0220.



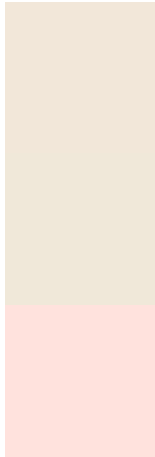
This preview shows how white text looks on a background with the YIQ color 232.6930, 11.0500,

-2.0220.

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

232.6930, 11.0500, -2.0220

Protanopia

232.6820, 9.5830, -2.9690

Deuteranopia

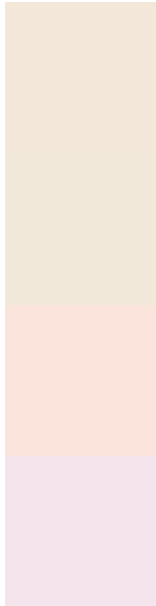
234.1010, 18.8890, 4.5930



Tritanopia

234.7330, 5.5460, 9.6260

Trichromacy



Original Color

232.6930, 11.0500, -2.0220

Protanomaly

232.9810, 10.1790, -2.7570

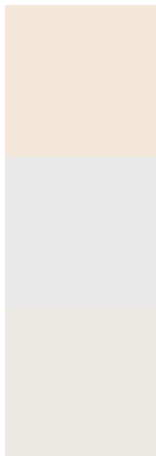
Deuteranomaly

233.6660, 15.6800, 2.1760

Tritanomaly

233.8810, 7.8850, 5.7810

Monochromacy



Original Color

232.6930, 11.0500, -2.0220

Achromatopsia

233.0000, -0.0000, -0.0000

Achromatomaly

232.6260, 3.9890, -0.7070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 232.6930, 11.0500, -2.0220 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(242, 231, 217)` looks like.

```
.text, #text, p{  
    color:rgb(242, 231, 217)  
}
```

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(242, 231, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 231, 217) }
```

Border

The CSS property to change the border of an element to YIQ 232.6930, 11.0500, -2.0220 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(242, 231, 217) }
```


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

```
.border{ border-color:rgb(242, 231, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 231, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 231, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 231, 217);  
box-shadow:4px 4px 4px 4px rgb(242, 231,  
217) }
```

Background

The CSS property to change the background color of an element to YIQ 232.6930, 11.0500, -2.0220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 231, 217) }
```

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

```
.background{ background-color: rgb(242,  
231, 217) }
```

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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