

Converting Colors

YIQ(230.2620, 11.1860, 6.5300)

Have a look what the booklet for
YIQ(230.2620, 11.1860, 6.5300)
contains.

YIQ(230.2620, 11.1860, 6.5300)	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(230.2620, 11.1860,
6.5300)**

Conversions

Conversions Part 1

Format	Color
Hex	F5DFE5
RGB	245, 223, 229
RGB Percent	96%, 87%, 90%
CMY	0.0392, 0.1255, 0.1019
CMYK	0.00, 0.09, 0.07, 0.04
HSL	344°, 52%, 92%
HSV	344°, 9%, 96%
XYZ	78.1907, 77.8432, 85.0403
YIQ	230.2620, 11.1860, 6.5300

Conversions

Conversions Part 2

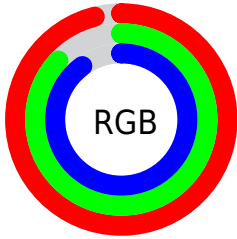
Format	Color
R _Y B	245, 223, 229
Decimal	16113637
CIE Lab	90.71, 8.55, -0.20
CIE LCh	91, 8.552, 358.633
Yxy	77.8432, 0.3243, 0.3229
Android (android.graphics.Color)	4294303717 (0xFFFF5DFE5)
YUV	230.2620, -0.6222, 12.9252
Hunter-Lab	88.2288, 3.7910, 4.6128

Details

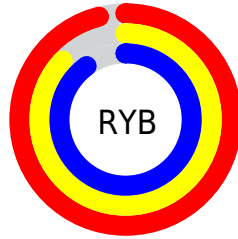
The YIQ color $230.2620, 11.1860, 6.5300$ is a light color, and the websafe version is hex $CCCCCC$. A complement of this color would be $237.7380, -11.1860, -6.5300$, and the grayscale version is $230.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $174.9630, 10.5900, 6.3180$ is the 20% darker color. If you saturate the color by 10%, you get $213.5350, 23.8390, 14.0070$, and if you desaturate by 10%, it is $246.4020, -1.1920, -0.4240$.

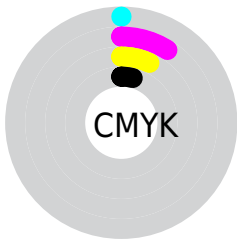
Distribution



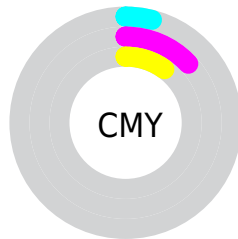
- Red (96%)
- Green (87%)
- Blue (90%)



- Red (96%)
- Yellow (87%)
- Blue (90%)



- Cyan (0%)
- Magenta (9%)
- Yellow (7%)
- Black (4%)





- Cyan (4%)
- Magenta (13%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 230.2620, 11.1860, 6.5300 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 230.2620, 11.1860, 6.5300 by changing the saturation by 10% instead.


 230.2620, 11.1860,
6.5300


 230.2620, 11.1860,
6.5300


255.0000, -0.0000,
-0.0000


 202.2620, 11.1860,
6.5300

 174.9630, 10.5900,
6.3180

 147.9630, 10.5900,
6.3180

 122.2510, 9.7190,
5.5830

 97.3650, 9.3980,
5.8940

 73.6530, 8.5270,
5.1590

 50.6530, 8.5270,

5.1590

■ 29.9410, 7.6560,
4.4240

■ 6.6210, 11.5530,
5.3850

■ 230.2620, 11.1860,
6.5300

■ 230.2620, 11.1860,
6.5300

■ 213.5350, 23.8390,
14.0070

■ 246.4020, -1.1920,
-0.4240

■ 197.3950, 36.2170,
20.9610

■ 252.0100, -5.9600,
-2.1200

■ 180.7820, 48.5490,
28.7490

■ 164.6420, 60.9270,
35.7030

■ 147.9150, 73.5800,
43.1800

■ 131.7750, 85.9580,
50.1340

■ 115.0480, 98.6110,
57.6110

■ 99.0220, 110.6680,
64.8760

■ 82.2950, 123.3210,
72.3530

Harmonies

Analogous

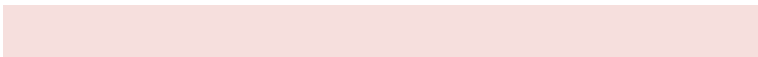
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229.9670, 4.7670, 7.2230



230.2620, 11.1860, 6.5300



229.6490, 14.3500, 4.2540

Triad

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



230.2620, 11.1860, 6.5300



227.2790, 3.3480, -5.6120



227.1600, -15.1300, -1.1300

Complementary

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



230.2620, 11.1860, 6.5300



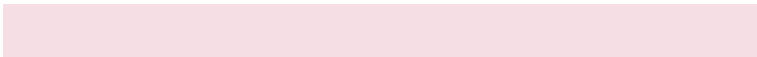
237.7380, -11.1860, -6.5300

Split Complementary

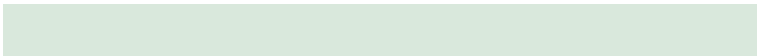
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225.8670, -15.8630, -4.3670



230.2620, 11.1860, 6.5300



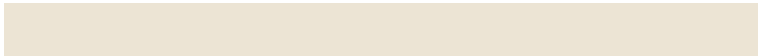
226.1470, -5.0880, -6.9120

Square

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



230.2620, 11.1860, 6.5300



228.5680, 9.9040, -3.2800



225.8520, -11.5070, -6.2190



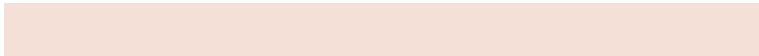
228.1330, -10.5000, 3.0680

Rectangle

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



230.2620, 11.1860, 6.5300



229.3670, 15.0840, 1.9640



225.8520, -11.5070, -6.2190



226.3340, -15.6800, -2.1760

Sweetspot

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



230.2620, 11.1860, 6.5300



249.6200, 4.1260, 2.3180



230.2920, 2.4740, 10.2340



124.0220, 2.9340, 1.8940



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

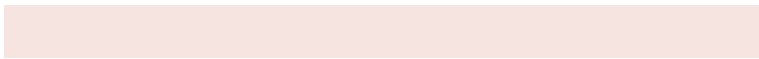
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.2620, 11.1860, 6.5300



236.2840, 14.1200, 8.4240



232.5130, 11.7370, 2.0490



114.0440, 5.8680, 3.7880



61.4280, 94.4850, 55.2930



19.4650, 30.0280, 17.4840

Inverse Universe

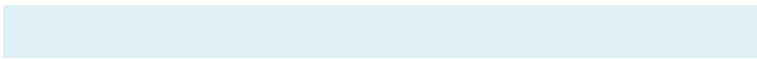
The Inverse Universe completely reimagines the original color for something new.



230.2620, 11.1860, 6.5300



236.2840, 14.1200, 8.4240



235.4870, -11.7370, -2.0490



114.0440, 5.8680, 3.7880



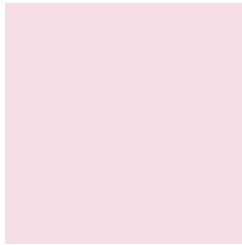
61.4280, 94.4850, 55.2930



19.4650, 30.0280, 17.4840

Previews

White Background



This preview shows how the YIQ color 230.2620, 11.1860, 6.5300 looks on a white background.

Color Contrast Check

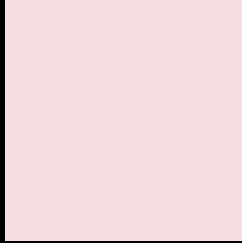
Large Text (above 18pt) WCAG AA × Fail

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 230.2620, 11.1860, 6.5300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

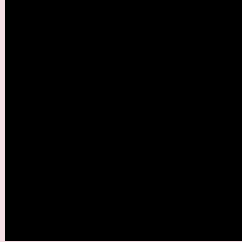
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 230.2620, 11.1860, 6.5300

Background



This preview shows how black text looks on a background with the YIQ color 230.2620, 11.1860, 6.5300.



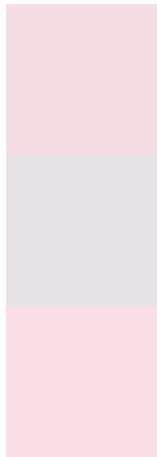
This preview shows how white text looks on a background with the YIQ color 230.2620, 11.1860,

6.5300.

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

230.2620, 11.1860, 6.5300

Protanopia

228.9510, 1.6960, 2.3040

Deuteranopia

230.5830, 14.7160, 8.6360



Tritanopia

230.5270, 9.1220, 10.8980

Trichromacy



Original Color

230.2620, 11.1860, 6.5300

Protanomaly

229.7450, 5.2720, 3.5760

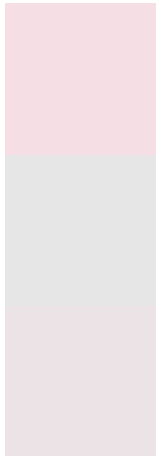
Deuteranomaly

230.5720, 13.2490, 7.6890

Tritanomaly

230.6580, 10.1310, 9.1310

Monochromacy



Original Color

230.2620, 11.1860, 6.5300

Achromatopsia

230.0000, -0.0000, 0.0000

Achromatomaly

229.7340, 3.8050, 2.6290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.2620, 11.1860, 6.5300 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(245, 223, 229)` looks like.

```
.text, #text, p{  
    color:rgb(245, 223, 229)  
}
```

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(245, 223, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 223, 229) }
```

Border

The CSS property to change the border of an element to YIQ 230.2620, 11.1860, 6.5300 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(245, 223, 229) }
```


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

```
.border{ border-color:rgb(245, 223, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 223, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 223, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 223, 229);  
box-shadow:4px 4px 4px 4px rgb(245, 223,  
229) }
```

Background

The CSS property to change the background color of an element to YIQ 230.2620, 11.1860, 6.5300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 223, 229) }
```

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

```
.background{ background-color: rgb(245,  
223, 229) }
```

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