

Converting Colors

YIQ(240.2110, 15.2230, -6.0650)

Have a look what the booklet for
YIQ(240.2110, 15.2230, -6.0650)
contains.

YIQ(240.2110, 15.2230, -6.0650)	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(240.2110, 15.2230,
-6.0650)**

Conversions

Conversions Part 1

Format	Color
Hex	FBF0D5
RGB	251, 240, 213
RGB Percent	98%, 94%, 84%
CMY	0.0157, 0.0588, 0.1646
CMYK	0.00, 0.04, 0.15, 0.02
HSL	43°, 83%, 91%
HSV	43°, 15%, 98%
XYZ	82.9561, 87.6322, 75.5071
YIQ	240.2110, 15.2230, -6.0650

Conversions

Conversions Part 2

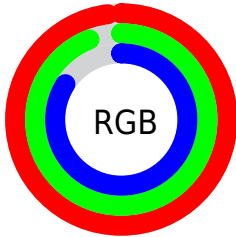
Format	Color
R _Y B	228, 251, 213
Decimal	16511189
CIE Lab	95.01, -0.64, 14.36
CIE LCh	95, 14.377, 92.566
Yxy	87.6322, 0.3371, 0.3561
Android (android.graphics.Color)	4294701269 (0xFFFFBF0D5)
YUV	240.2110, -13.4150, 9.4620
Hunter-Lab	93.6121, -5.6400, 17.7054

Details

The YIQ color $240.2110, 15.2230, -6.0650$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $223.7890, -15.2230, 6.0650$, and the grayscale version is $240.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $184.0260, 14.3060, -5.9660$ is the 20% darker color. If you saturate the color by 10%, you get $233.2520, 25.1730, -10.1790$, and if you desaturate by 10%, it is $247.1700, 5.2730, -1.9510$.

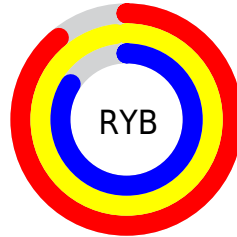
Distribution



Red (98%)

Green (94%)

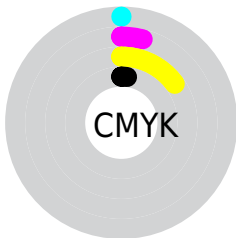
Blue (84%)



Red (89%)

Yellow (98%)

Blue (84%)

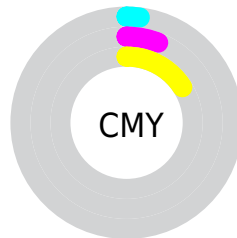


Cyan (0%)

Magenta (4%)

Yellow (15%)

Black (2%)



Cyan (2%)


Magenta (6%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 240.2110, 15.2230, -6.0650 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 240.2110, 15.2230, -6.0650 by changing the saturation by 10% instead.


 240.2110, 15.2230,
-6.0650


 240.2110, 15.2230,
-6.0650


255.0000, -0.0000,
-0.0000


 211.9120, 14.6270,
-6.2770

 184.0260, 14.3060,
-5.9660

 157.1400, 13.9850,
-5.6550

 130.9550, 13.0680,
-5.5560

 106.0690, 12.7470,
-5.2450

 81.7700, 12.1510,
-5.4570

 58.6990, 10.9130,

-5.0470

■ 36.5140, 9.9960,
-4.9480

■ 16.5570, 8.4370,
-4.2270

■ 240.2110, 15.2230,
-6.0650

■ 240.2110, 15.2230,
-6.0650

■ 233.2520, 25.1730,
-10.1790

■ 247.1700, 5.2730,
-1.9510

■ 225.7060, 35.3980,
-13.7700

■ 253.8040, -2.3840,
-0.8480

■ 218.7470, 45.3480,
-17.8840

■ 211.7880, 55.2980,
-21.9980

■ 204.8290, 65.2480,
-26.1120

■ 197.1690, 75.7940,
-30.0140

■ 190.2100, 85.7440,
-34.1280

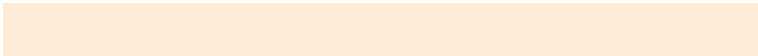
■ 183.2510, 95.6940,
-38.2420

■ 179.5350,
100.6460, -39.8820

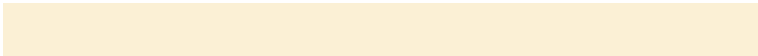
Harmonies

Analogous

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



239.4010, 17.7440, -2.1920



240.2110, 15.2230, -6.0650



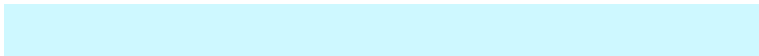
238.2310, 3.3030, -10.3050

Triad

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



240.2110, 15.2230, -6.0650



236.2400, -27.2790, -6.7270



241.9720, 6.3710, 11.1950

Complementary

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



240.2110, 15.2230, -6.0650



223.7890, -15.2230, 6.0650

Split Complementary

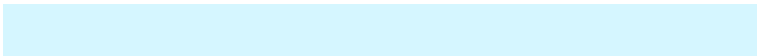
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



241.4440, -1.0100, 7.2940



240.2110, 15.2230, -6.0650



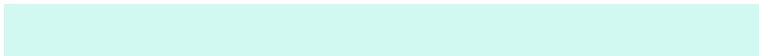
237.1590, -22.5570, -4.1970

Square

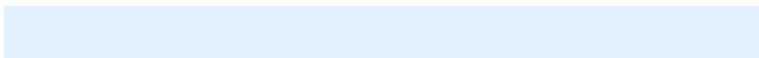
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



240.2110, 15.2230, -6.0650



236.1280, -21.2720, -10.9680



238.4100, -12.8380, 1.3860



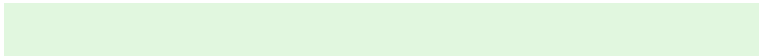
239.2020, 11.4150, 7.8870

Rectangle

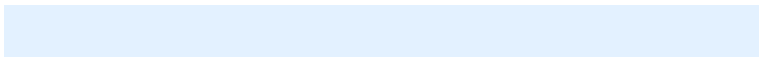
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



240.2110, 15.2230, -6.0650



237.6860, -5.4080, -12.1280



238.4100, -12.8380, 1.3860



242.6730, 5.7750, 10.9830

Sweetspot

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



240.2110, 15.2230, -6.0650



251.1700, 5.2730, -1.9510



225.6160, 19.1170, 11.4770



125.3270, 3.3930, -0.9190



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

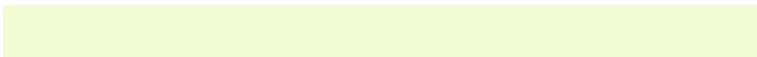
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.2110, 15.2230, -6.0650



242.1250, 18.3410, -7.5070



244.2760, 7.4300, -13.5140



121.1700, 5.2730, -1.9510



135.1690, 75.7940, -30.0140



43.4800, 24.5310, -9.5570

Inverse Universe

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



223.7890, -15.2230, 6.0650



221.8750, -18.3410, 7.5070



219.7240, -7.4300, 13.5140



115.8300, -5.2730, 1.9510



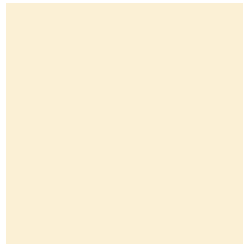
53.8310, -75.7940, 30.0140



17.5200, -24.5310, 9.5570

Previews

White Background



This preview shows how the YIQ color 240.2110, 15.2230, -6.0650 looks on a white background.

Color Contrast Check

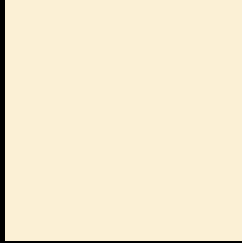
Large Text (above 18pt) WCAG AA × Fail

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 240.2110, 15.2230, -6.0650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

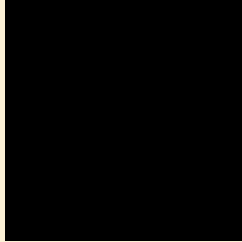
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 240.2110, 15.2230, -6.0650

Background



This preview shows how black text looks on a background with the YIQ color 240.2110, 15.2230, -6.0650.



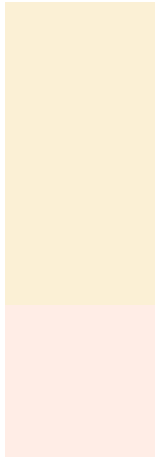
This preview shows how white text looks on a background with the YIQ color 240.2110, 15.2230,

-6.0650.

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

240.2110, 15.2230, -6.0650

Protanopia

240.2110, 15.2230, -6.0650

Deuteranopia

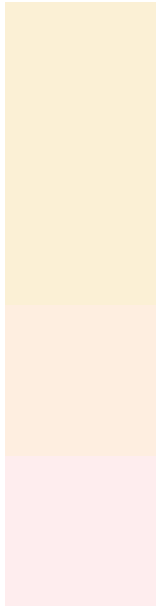
241.5840, 12.9750, 1.6390



Tritanopia

242.9180, 6.4630, 9.5270

Trichromacy



Original Color

240.2110, 15.2230, -6.0650

Protanomaly

240.2110, 15.2230, -6.0650

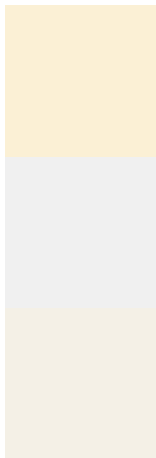
Deuteranomaly

241.1880, 14.0300, -0.9620

Tritanomaly

242.1970, 9.8110, 3.9150

Monochromacy



Original Color

240.2110, 15.2230, -6.0650

Achromatopsia

240.0000, -0.0000, -0.0000

Achromatomaly

240.0560, 5.5940, -2.2620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 240.2110, 15.2230, -6.0650 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(251, 240, 213)` looks like.

```
.text, #text, p{  
    color:rgb(251, 240, 213)  
}
```

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(251, 240, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 240, 213) }
```

Border

The CSS property to change the border of an element to YIQ 240.2110, 15.2230, -6.0650 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(251, 240, 213) }
```


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

```
.border{ border-color:rgb(251, 240, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 240, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 240, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 240, 213);  
box-shadow:4px 4px 4px 4px rgb(251, 240,  
213) }
```

Background

The CSS property to change the background color of an element to YIQ 240.2110, 15.2230, -6.0650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 240, 213) }
```

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

```
.background{ background-color: rgb(251,  
240, 213) }
```

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