

Converting Colors

YIQ(230.3680, 13.3430, -5.0330)

Have a look what the booklet for
YIQ(230.3680, 13.3430, -5.0330)
contains.

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Color

**YIQ(230.3680, 13.3430,
-5.0330)**

Conversions

Conversions Part 1

Format	Color
Hex	F0E6CF
RGB	240, 230, 207
RGB Percent	94%, 90%, 81%
CMY	0.0588, 0.0980, 0.1882
CMYK	0.00, 0.04, 0.14, 0.06
HSL	42°, 52%, 88%
HSV	42°, 14%, 94%
XYZ	75.4963, 79.6228, 70.4327
YIQ	230.3680, 13.3430, -5.0330

Conversions

Conversions Part 2

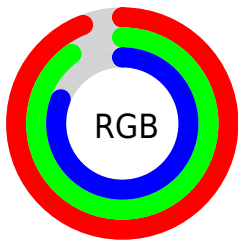
Format	Color
R _Y B	221, 240, 207
Decimal	15787727
CIE Lab	91.52, -0.37, 12.40
CIE LCh	92, 12.408, 91.724
Yxy	79.6228, 0.3347, 0.3530
Android (android.graphics.Color)	4293977807 (0xFFFF0E6CF)
YUV	230.3680, -11.5204, 8.4473
Hunter-Lab	89.2316, -5.1316, 15.6631

Details

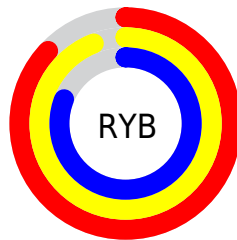
The YIQ color **230.3680, 13.3430, -5.0330** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **216.6320, -13.3430, 5.0330**, and the grayscale version is **230.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **175.1830, 12.4260, -4.9340** is the 20% darker color. If you saturate the color by 10%, you get **223.5230, 22.9720, -8.8360**, and if you desaturate by 10%, it is **237.2130, 3.7140, -1.2300**.

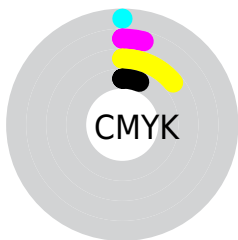
Distribution



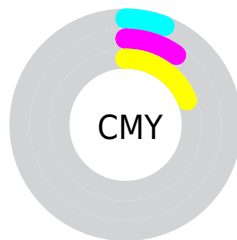
- Red (94%)
- Green (90%)
- Blue (81%)



- Red (87%)
- Yellow (94%)
- Blue (81%)



- Cyan (0%)
- Magenta (4%)
- Yellow (14%)
- Black (6%)



- Cyan (6%)
- Magenta (10%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 230.3680, 13.3430, -5.0330 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 230.3680, 13.3430, -5.0330 by changing the saturation by 10% instead.

230.3680, 13.3430,
-5.0330

230.3680, 13.3430,
-5.0330

255.0000, -0.0000,
-0.0000

202.3680, 13.3430,
-5.0330

175.1830, 12.4260,
-4.9340

148.2970, 12.1050,
-4.6230

122.4110, 11.7840,
-4.3120

97.2260, 10.8670,
-4.2130

73.9270, 10.2710,
-4.4250

51.0410, 9.9500,

-4.1140

■ 29.6280, 9.6750,
-4.6370

■ 5.9140, 3.1180,
-1.4420

■ 230.3680, 13.3430,
-5.0330

■ 230.3680, 13.3430,
-5.0330

■ 223.5230, 22.9720,
-8.8360

■ 237.2130, 3.7140,
-1.2300

■ 216.0910, 32.8760,
-12.1160

■ 244.6450, -6.1900,
2.0500

■ 209.2460, 42.5050,
-15.9190

■ 248.7540, -8.1150,
-1.6110

■ 202.4010, 52.1340,
-19.7220

■ 250.5150, -8.9400,
-3.1800

■ 195.5560, 61.7630,
-23.5250

■ 188.1240, 71.6670,
-26.8050

■ 181.2790, 81.2960,
-30.6080

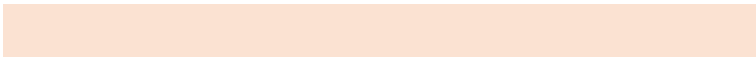
■ 174.4340, 90.9250,
-34.4110

■ 169.7890, 97.1150,
-36.4610

Harmonies

Analogous

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



231.6510, 20.0360, 0.3240



230.3680, 13.3430, -5.0330



228.8720, 2.9360, -9.1600

Triad

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



230.3680, 13.3430, -5.0330



226.9200, -23.3820, -5.7660



232.9290, 7.9300, 10.4740

Complementary

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



230.3680, 13.3430, -5.0330



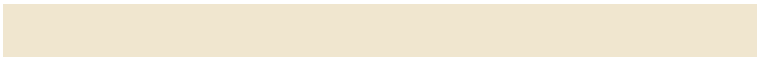
216.6320, -13.3430, 5.0330

Split Complementary

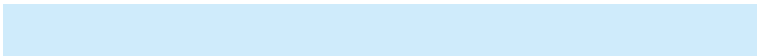
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



231.8290, -3.5320, 8.9480



230.3680, 13.3430, -5.0330



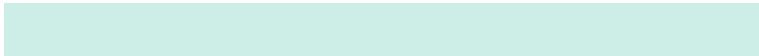
228.4520, -21.8240, -0.9600

Square

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



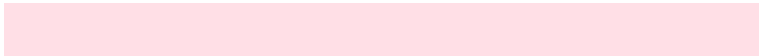
230.3680, 13.3430, -5.0330



227.0360, -18.0170, -9.3850



230.0340, -14.5350, 4.6090



233.3660, 16.8250, 8.9610

Rectangle

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



230.3680, 13.3430, -5.0330



228.0390, -4.9040, -10.2480



230.0340, -14.5350, 4.6090



232.7760, 3.9870, 10.3470

Sweetspot

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



230.3680, 13.3430, -5.0330



252.0990, 4.0350, -1.5410



218.0070, 16.4580, 10.1060



126.0280, 2.7970, -1.1310



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.



230.3680, 13.3430, -5.0330



243.2820, 16.4610, -6.4750



234.4440, 7.0170, -11.5350



116.2840, 4.9520, -1.6400



130.1520, 74.4640, -27.9360



39.6370, 22.6510, -8.5250

Inverse Universe

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



216.6320, -13.3430, 5.0330



226.3050, -16.7360, 5.9520



212.5560, -7.0170, 11.5350



111.1290, -4.6770, 2.1630



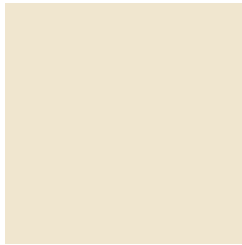
53.8480, -74.4640, 27.9360



16.3630, -22.6510, 8.5250

Previews

White Background



This preview shows how the YIQ color 230.3680, 13.3430, -5.0330 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 230.3680, 13.3430, -5.0330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

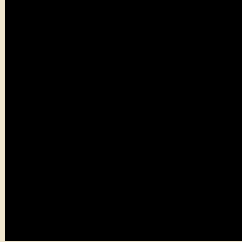
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 230.3680, 13.3430, -5.0330

Background



This preview shows how black text looks on a background with the YIQ color 230.3680, 13.3430, -5.0330.



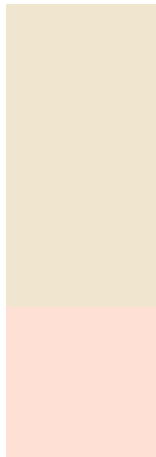
This preview shows how white text looks on a background with the YIQ color 230.3680, 13.3430,

-5.0330.

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

230.3680, 13.3430, -5.0330

Protanopia

230.3680, 13.3430, -5.0330

Deuteranopia

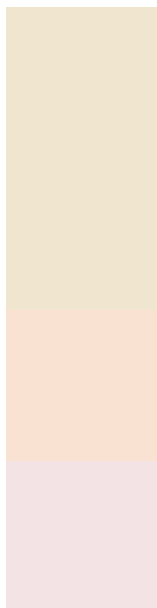
232.0150, 22.0070, 3.1510



Tritanopia

232.9180, 6.4630, 9.5270

Trichromacy



Original Color

230.3680, 13.3430, -5.0330

Protanomaly

230.3680, 13.3430, -5.0330

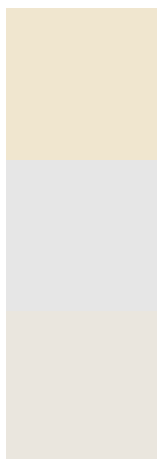
Deuteranomaly

231.4660, 19.1190, 0.4230

Tritanomaly

232.0120, 8.8940, 4.0140

Monochromacy



Original Color

230.3680, 13.3430, -5.0330

Achromatopsia

230.0000, -0.0000, 0.0000

Achromatomaly

230.2840, 4.9520, -1.6400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.3680, 13.3430, -5.0330 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(240, 230, 207)` looks like.

```
.text, #text, p{  
    color:rgb(240, 230, 207)  
}
```

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(240, 230, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 230, 207) }
```

Border

The CSS property to change the border of an element to YIQ 230.3680, 13.3430, -5.0330 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(240, 230, 207) }
```


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

```
.border{ border-color:rgb(240, 230, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 230, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 230, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 230, 207);  
box-shadow:4px 4px 4px 4px rgb(240, 230,  
207) }
```

Background

The CSS property to change the background color of an element to YIQ 230.3680, 13.3430, -5.0330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 230, 207) }
```

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

```
.background{ background-color: rgb(240,  
230, 207) }
```

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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