

Converting Colors

YIQ(233.0370, 6.6050, -15.0830)

Have a look what the booklet for
YIQ(233.0370, 6.6050, -15.0830)
contains.

YIQ(233.0370, 6.6050, -15.0830)	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(233.0370, 6.6050,
-15.0830)**

Conversions

Conversions Part 1

Format	Color
Hex	E6F1C8
RGB	230, 241, 200
RGB Percent	90%, 95%, 78%
CMY	0.0981, 0.0549, 0.2156
CMYK	0.05, 0.00, 0.17, 0.05
HSL	76°, 59%, 86%
HSV	76°, 17%, 95%
XYZ	74.5126, 83.9049, 66.9207
YIQ	233.0370, 6.6050, -15.0830

Conversions

Conversions Part 2

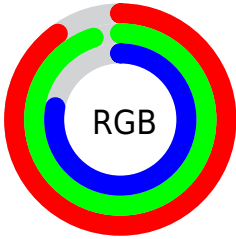
Format	Color
R_{YB}	200, 241, 211
Decimal	15135176
CIE _{Lab}	93.41, -10.56, 18.59
CIE _{LCh}	93, 21.380, 119.588
Y _{xy}	83.9049, 0.3307, 0.3724
Android (android.graphics.Color)	4293325256 (0xFFE6F1C8)
YUV	233.0370, -16.2872, -2.6634
Hunter-Lab	91.5996, -15.0968, 20.8038

Details

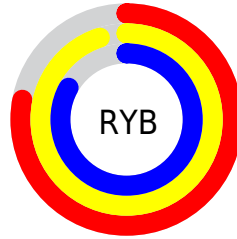
The YIQ color $233.0370, 6.6050, -15.0830$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $207.9630, -6.6050, 15.0830$, and the grayscale version is $233.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $177.2650, 5.9630, -14.4610$ is the 20% darker color. If you saturate the color by 10%, you get $228.5070, 10.7330, -23.8190$, and if you desaturate by 10%, it is $237.5670, 2.4770, -6.3470$.

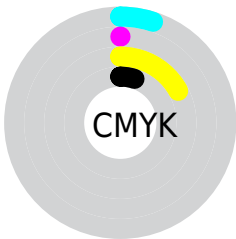
Distribution



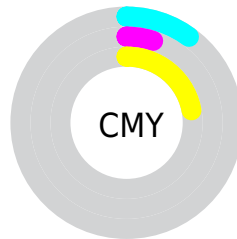
- Red (90%)
- Green (95%)
- Blue (78%)



- Red (78%)
- Yellow (95%)
- Blue (83%)



- Cyan (5%)
- Magenta (0%)
- Yellow (17%)
- Black (5%)



- Cyan (10%)
- Magenta (5%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 233.0370, 6.6050, -15.0830 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 233.0370, 6.6050, -15.0830 by changing the saturation by 10% instead.

■ 233.0370, 6.6050,
-15.0830

■ 233.0370, 6.6050,
-15.0830

255.0000, -0.0000,
-0.0000

■ 205.1510, 6.2840,
-14.7720

■ 177.2650, 5.9630,
-14.4610

■ 150.3790, 5.6420,
-14.1500

■ 124.7920, 5.9170,
-13.6270

■ 99.6070, 5.0000,
-13.5280

■ 75.8350, 4.3580,
-12.9060

■ 52.3620, 4.3120,

-12.0720

■ 31.2050, 6.1920,
-13.1040

■ 10.5660, -4.9500,
-9.4140

■ 233.0370, 6.6050,
-15.0830

■ 233.0370, 6.6050,
-15.0830

■ 228.5070, 10.7330,
-23.8190

■ 237.5670, 2.4770,
-6.3470

■ 223.6780, 14.2650,
-32.7670

■ 242.3960, -1.0550,
2.6010

■ 219.1480, 18.3930,
-41.5030

■ 244.9880, 0.2740,
6.0500

■ 214.3190, 21.9250,
-50.4510

■ 246.7820, 3.8500,
7.3220

■ 209.7890, 26.0530,
-59.1870

■ 204.8460, 29.9060,
-68.4460

■ 200.3160, 34.0340,
-77.1820

■ 195.4870, 37.5660,
-86.1300

■ 194.0910, 38.6210,
-88.7310

Harmonies

Analogous

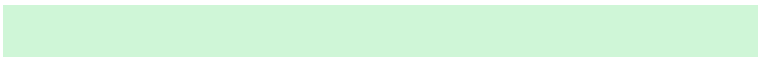
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



235.8220, 23.5680, -8.6240



233.0370, 6.6050, -15.0830



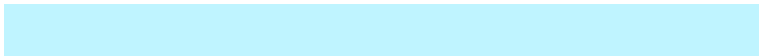
230.8050, -13.2930, -17.9090

Triad

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



233.0370, 6.6050, -15.0830



229.4070, -35.1190, -7.8150



233.5770, 14.8530, 11.6610

Complementary

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



233.0370, 6.6050, -15.0830



207.9630, -6.6050, 15.0830

Split Complementary

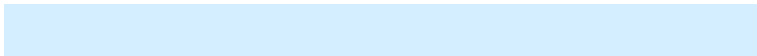
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



237.3900, 8.2500, 15.6900



233.0370, 6.6050, -15.0830



232.4630, -20.3570, -0.0130

Square

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



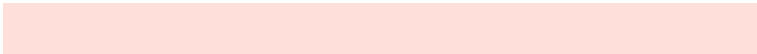
233.0370, 6.6050, -15.0830



228.1780, -41.9040, -11.5040



236.4270, -2.3400, 9.3720



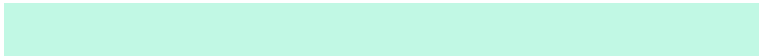
231.8840, 20.9980, 4.9180

Rectangle

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



233.0370, 6.6050, -15.0830



229.2750, -26.3600, -17.8800



236.4270, -2.3400, 9.3720



234.3750, 12.6060, 13.8380

Sweetspot

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



233.0370, 6.6050, -15.0830



252.6210, 2.3850, -4.6790



218.7160, 21.4110, 2.9390



126.1910, 0.7800, -3.1240



0.0000, 0.0000, 0.0000



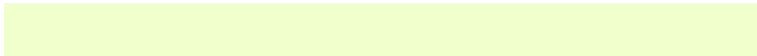
128.0000, -0.0000, -0.0000

Same Dimension

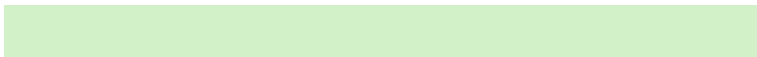
The Same Dimension uses a secret algorithm to generate beautiful new colors.



233.0370, 6.6050, -15.0830



245.0000, 8.0270, -18.8290



227.0570, -5.3150, -19.3230



117.7350, 2.0640, -4.3680



148.0740, 29.2640, -67.8240



45.1310, 9.0360, -20.5960

Inverse Universe

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



207.9630, -6.6050, 15.0830



214.0000, -8.0270, 18.8290



213.9430, 5.3150, 19.3230



110.2650, -2.0640, 4.3680



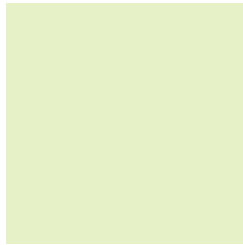
35.6270, -29.8600, 67.6120



10.8690, -9.0360, 20.5960

Previews

White Background



This preview shows how the YIQ color 233.0370, 6.6050, -15.0830 looks on a white background.

Color Contrast Check

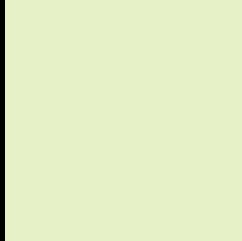
Large Text (above 18pt) WCAG AA × Fail

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 233.0370, 6.6050, -15.0830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

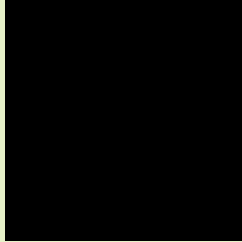
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

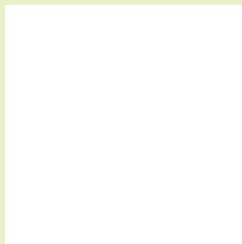
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 233.0370, 6.6050, -15.0830

Background



This preview shows how black text looks on a background with the YIQ color 233.0370, 6.6050, -15.0830.



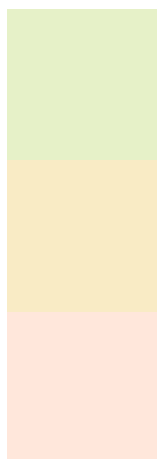
This preview shows how white text looks on a background with the YIQ color 233.0370, 6.6050, -15.0830.

-15.0830.

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

233.0370, 6.6050, -15.0830

Protanopia

234.8540, 20.5420, -8.8500

Deuteranopia

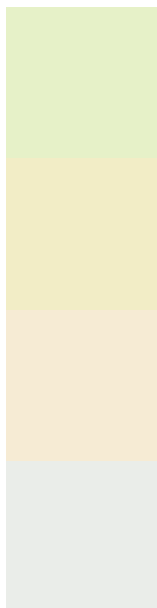
236.8080, 18.1560, 1.3560



Tritanopia

236.9490, -3.9900, 6.2340

Trichromacy



Original Color

233.0370, 6.6050, -15.0830

Protanomaly

234.0490, 15.4990, -11.0690

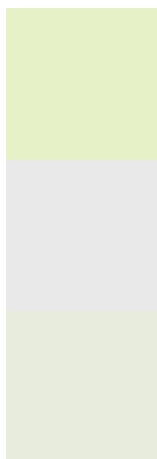
Deuteranomaly

235.6670, 13.9390, -4.8210

Tritanomaly

235.6470, -0.5040, -1.8800

Monochromacy



Original Color

233.0370, 6.6050, -15.0830

Achromatopsia

233.0000, -0.0000, -0.0000

Achromatomaly

233.0940, 2.4310, -5.5130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 233.0370, 6.6050, -15.0830 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(230, 241, 200)` looks like.

```
.text, #text, p{  
    color:rgb(230, 241, 200)  
}
```

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(230, 241, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 241, 200) }
```

Border

The CSS property to change the border of an element to YIQ 233.0370, 6.6050, -15.0830 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(230, 241, 200) }
```


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

```
.border{ border-color:rgb(230, 241, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 241, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 241, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 241, 200);  
box-shadow:4px 4px 4px 4px rgb(230, 241,  
200) }
```

Background

The CSS property to change the background color of an element to YIQ 233.0370, 6.6050, -15.0830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 241, 200) }
```

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

```
.background{ background-color: rgb(230,  
241, 200) }
```

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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