

Converting Colors

YIQ(212.9030, -15.5440, 6.3760)

Have a look what the booklet for
YIQ(212.9030, -15.5440, 6.3760)
contains.

YIQ(212.9030, -15.5440, 6.3760)	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(212.9030, -15.5440,
6.3760)**

Conversions

Conversions Part 1

Format	Color
Hex	CAD5F1
RGB	202, 213, 241
RGB Percent	79%, 84%, 95%
CMY	0.2078, 0.1647, 0.0550
CMYK	0.16, 0.12, 0.00, 0.05
HSL	223°, 58%, 87%
HSV	223°, 16%, 95%
XYZ	64.0260, 66.4967, 92.6631
YIQ	212.9030, -15.5440, 6.3760

Conversions

Conversions Part 2

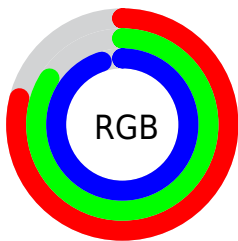
Format	Color
R _Y B	202, 211, 241
Decimal	13293041
CIE Lab	85.25, 1.89, -14.96
CIE LCh	85, 15.081, 277.183
Yxy	66.4967, 0.2869, 0.2979
Android (android.graphics.Color)	4291483121 (0xFFCAD5F1)
YUV	212.9030, 13.8518, -9.5619
Hunter-Lab	81.5455, -2.5543, -10.2915

Details

The YIQ color $212.9030, -15.5440, 6.3760$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $230.0970, 15.5440, -6.3760$, and the grayscale version is $213.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $158.0880, -14.6270, 6.2770$ is the 20% darker color. If you saturate the color by 10%, you get $195.7480, -25.1730, 10.1790$, and if you desaturate by 10%, it is $230.0580, -5.9150, 2.5730$.

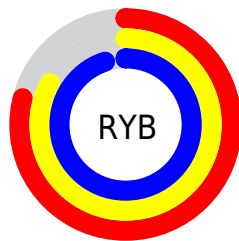
Distribution



Red (79%)

Green (84%)

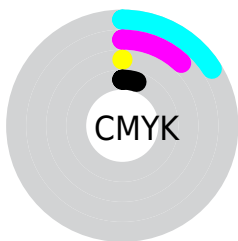
Blue (95%)



Red (79%)

Yellow (83%)

Blue (95%)

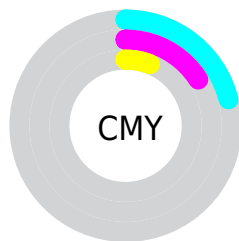


Cyan (16%)

Magenta (12%)

Yellow (0%)

Black (5%)



Cyan (21%)

Magenta (16%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.9030, -15.5440, 6.3760 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 212.9030, -15.5440, 6.3760 by changing the saturation by 10% instead.

■ 212.9030,
-15.5440, 6.3760

■ 212.9030,
-15.5440, 6.3760

255.0000, -0.0000,
-0.0000

■ 184.9030,
-15.5440, 6.3760

■ 158.0880,
-14.6270, 6.2770

■ 131.9740,
-14.3060, 5.9660

■ 106.5610,
-14.5810, 5.4430

■ 82.4470, -14.2600,
5.1320

■ 59.2190, -13.6180,
4.5100

■ 36.8060, -13.8930,

3.9870

■ 15.9800, -14.4430,
2.9410

■ 2.4110, -5.4110,
4.4530

■ 212.9030,
-15.5440, 6.3760

■ 212.9030,
-15.5440, 6.3760

■ 195.7480,
-25.1730, 10.1790

■ 230.0580, -5.9150,
2.5730

■ 178.0060,
-34.5270, 14.5050

■ 247.8000, 3.4390,
-1.7530

■ 160.8510,
-44.1560, 18.3080

■ 253.4040, 4.4940,
-4.3540

■ 143.6960,
-53.7850, 22.1110

■ 126.5410,
-63.4140, 25.9140

■ 108.5000,
-73.3640, 30.0280

■ 91.3450, -82.9930,
33.8310

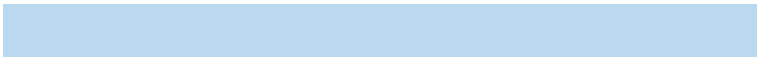
■ 74.1900, -92.6220,
37.6340

■ 67.3900, -96.0610,
39.3870

Harmonies

Analogous

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



210.2390, -25.5380, 0.2700



212.9030, -15.5440, 6.3760



214.7800, -1.8360, 11.2520

Triad

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



212.9030, -15.5440, 6.3760



215.3360, 25.5370, 5.2570



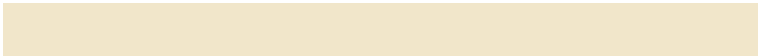
208.5650, -12.3770, -12.4810

Complementary

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



212.9030, -15.5440, 6.3760



230.0970, 15.5440, -6.3760

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.



210.3340, 1.5150, -10.9410



212.9030, -15.5440, 6.3760



213.6790, 22.8330, -0.8070

Square

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



212.9030, -15.5440, 6.3760



215.7580, 21.5930, 10.6570



212.2000, 13.7560, -7.0120



208.4590, -23.7020, -10.9820

Rectangle

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



212.9030, -15.5440, 6.3760



216.0970, 7.5170, 12.4530



212.2000, 13.7560, -7.0120



209.6040, -8.1130, -12.6650

Sweetspot

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



212.9030, -15.5440, 6.3760



245.8300, -5.2730, 1.9510



228.0850, -19.7130, -11.6890



122.0860, -3.1180, 1.4420



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.



212.9030, -15.5440, 6.3760



220.1030, -18.9830, 8.1290



208.8380, -7.7510, 13.8250



111.1290, -4.6770, 2.1630



51.5000, -73.3640, 30.0280



15.7760, -22.3760, 9.0480

Inverse Universe

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



214.9150, 19.7130, 11.6890



222.8340, 24.4350, 14.2190



234.1620, 7.7510, -13.8250



111.9300, 6.1890, 3.4770



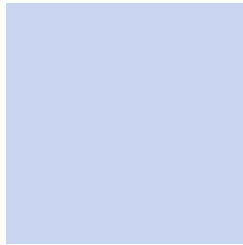
60.9440, 92.9720, 55.1800



18.5680, 28.2400, 16.8480

Previews

White Background



This preview shows how the YIQ color 212.9030, -15.5440, 6.3760 looks on a white background.

Color Contrast Check

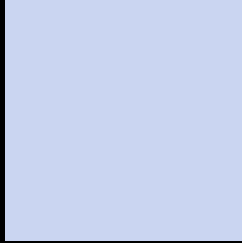
Large Text (above 18pt) WCAG AA × Fail

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 212.9030, -15.5440, 6.3760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

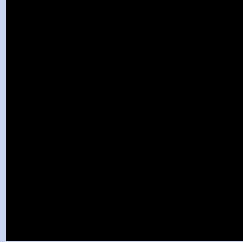
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 212.9030, -15.5440, 6.3760

Background



This preview shows how black text looks on a background with the YIQ color 212.9030, -15.5440, 6.3760.

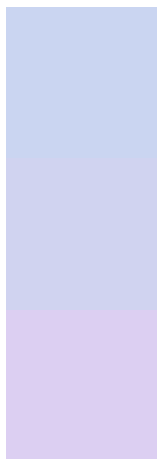


This preview shows how white text looks on a background with the YIQ color 212.9030, -15.5440,

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

212.9030, -15.5440, 6.3760

Protanopia

213.4090, -11.0970, 8.3830

Deuteranopia

214.8770, -3.4870, 13.6410



Tritanopia

212.4530, -14.3970, 2.1070

Trichromacy



Original Color

212.9030, -15.5440, 6.3760

Protanomaly

213.3980, -12.5640, 7.4360

Deuteranomaly

213.9580, -8.2090, 11.1110

Tritanomaly

212.5070, -14.4890, 3.7750

Monochromacy



Original Color

212.9030, -15.5440, 6.3760

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

212.9440, -5.5940, 2.2620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.9030, -15.5440, 6.3760 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(202, 213, 241)` looks like.

```
.text, #text, p{  
    color:rgb(202, 213, 241)  
}
```

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(202, 213, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 213, 241) }
```

Border

The CSS property to change the border of an element to YIQ 212.9030, -15.5440, 6.3760 is called "border". The border property can be set on classes, ids or directly on the HTML element.

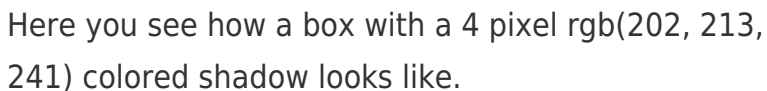
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(202, 213, 241) }
```


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

```
.border{ border-color:rgb(202, 213, 241) }
```

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



Here you see how a box with a 4 pixel `rgb(202, 213, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 213, 241); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 213, 241); box-shadow:4px 4px 4px 4px rgb(202, 213, 241) }
```

Background

The CSS property to change the background color of an element to YIQ 212.9030, -15.5440, 6.3760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 213, 241) }
```

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

```
.background{ background-color: rgb(202,  
213, 241) }
```

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