

Converting Colors

YIQ(230.6930, -15.3130,
-3.3210)

Have a look what the booklet for
YIQ(230.6930, -15.3130, -3.3210)
contains.

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Color

**YIQ(230.6930, -15.3130,
-3.3210)**

Conversions

Conversions Part 1

Format	Color
Hex	D6EDF2
RGB	214, 237, 242
RGB Percent	84%, 93%, 95%
CMY	0.1608, 0.0705, 0.0510
CMYK	0.12, 0.02, 0.00, 0.05
HSL	191°, 52%, 89%
HSV	191°, 12%, 95%
XYZ	74.0392, 81.2780, 95.7773
YIQ	230.6930, -15.3130, -3.3210

Conversions

Conversions Part 2

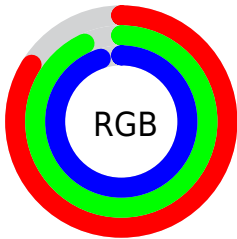
Format	Color
R _Y B	214, 227, 242
Decimal	14085618
CIE Lab	92.26, -6.56, -4.98
CIE LCh	92, 8.239, 217.219
Yxy	81.2780, 0.2949, 0.3237
Android (android.graphics.Color)	4292275698 (0xFFD6EDF2)
YUV	230.6930, 5.5744, -14.6398
Hunter-Lab	90.1543, -11.1768, 0.1200

Details

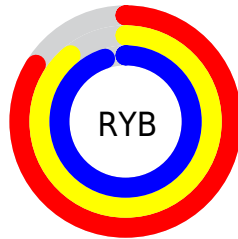
The YIQ color $230.6930, -15.3130, -3.3210$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $225.3070, 15.3130, 3.3210$, and the grayscale version is $231.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $174.9920, -14.7170, -3.1090$ is the 20% darker color. If you saturate the color by 10%, you get $221.1690, -28.5170, -6.3170$, and if you desaturate by 10%, it is $240.2170, -2.1090, -0.3250$.

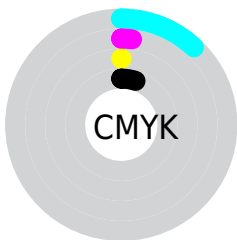
Distribution



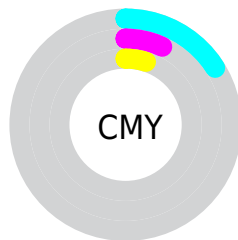
- Red (84%)
- Green (93%)
- Blue (95%)



- Red (84%)
- Yellow (89%)
- Blue (95%)



- Cyan (12%)
- Magenta (2%)
- Yellow (0%)
- Black (5%)



- Cyan (16%)
- Magenta (7%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 230.6930, -15.3130, -3.3210 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 230.6930, -15.3130, -3.3210 by changing the saturation by 10% instead.

■ 230.6930,
-15.3130, -3.3210

■ 230.6930,
-15.3130, -3.3210

255.0000, -0.0000,
-0.0000

■ 202.6930,
-15.3130, -3.3210

■ 174.9920,
-14.7170, -3.1090

■ 148.2910,
-14.1210, -2.8970

■ 122.2910,
-14.1210, -2.8970

■ 97.5900, -13.5250,
-2.6850

■ 73.4760, -13.2040,
-2.9960

■ 50.7750, -12.6080,

-2.7840

■ 29.4760, -13.2040,
-2.9960

■ 9.6830, -9.3530,
-1.2010

■ 230.6930,
-15.3130, -3.3210

■ 230.6930,
-15.3130, -3.3210

■ 221.1690,
-28.5170, -6.3170

■ 240.2170, -2.1090,
-0.3250

■ 211.0580,
-41.4460, -8.7900

■ 248.2350, 6.6480,
0.6640

■ 201.2350,
-55.2460, -11.9980

■ 250.5830, 5.5480,
-1.4280

■ 191.7110,
-68.4500, -14.9940

■ 252.9310, 4.4480,
-3.5200

■ 182.1870,
-81.6540, -17.9900

■ 253.5180, 4.1730,
-4.0430

■ 172.0760,
-94.5830, -20.4630

■ 162.5520,
-107.7870, -23.4590

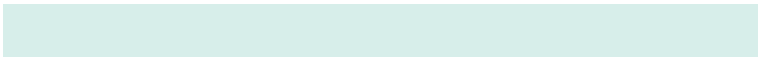
■ 152.7290,
-121.5870, -26.6670

■ 144.4010,
-132.4070, -28.8150

Harmonies

Analogous

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



230.6670, -12.4240, -6.1200



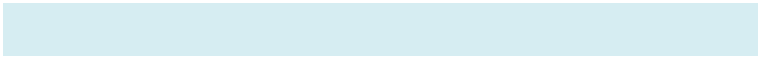
230.6930, -15.3130, -3.3210



231.5840, -13.3880, 0.3400

Triad

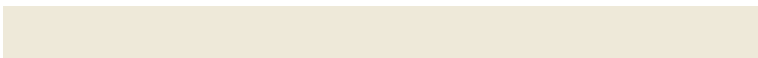
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230.6930, -15.3130, -3.3210



234.3370, 6.6010, 7.0250



232.6710, 8.1160, -3.9160

Complementary

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



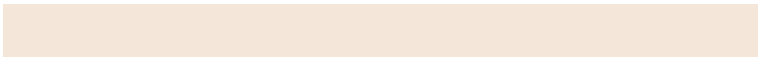
230.6930, -15.3130, -3.3210



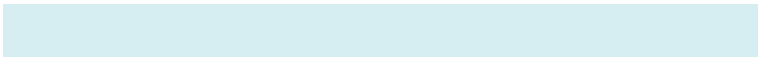
225.3070, 15.3130, 3.3210

Split Complementary

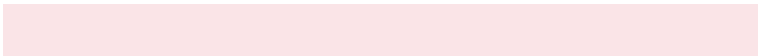
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



233.1170, 12.7920, -0.5520



230.6930, -15.3130, -3.3210



234.9200, 12.1490, 5.5970

Square

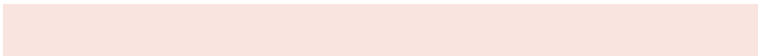
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



230.6930, -15.3130, -3.3210



233.8030, -0.6430, 6.1490



234.0080, 14.7170, 3.1090



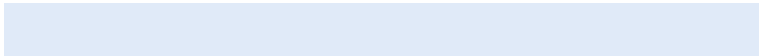
231.1970, 0.6430, -6.1490

Rectangle

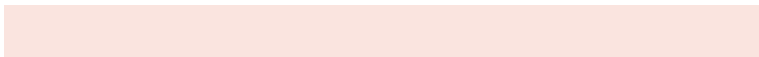
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



230.6930, -15.3130, -3.3210



232.6060, -10.4540, 2.2340



234.0080, 14.7170, 3.1090



232.6820, 9.5830, -2.9690

Sweetspot

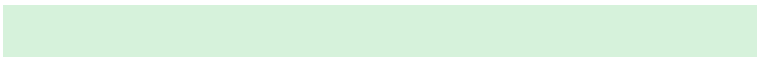
The Sweet Spot groups the original color and five complimentary colors.



230.6930, -15.3130, -3.3210



252.0210, -4.4930, -1.1730



231.0060, -9.3050, -13.0890



125.6190, -3.3010, -0.7490



0.0000, 0.0000, 0.0000



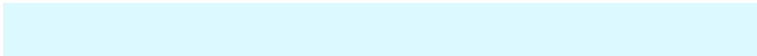
128.0000, -0.0000, -0.0000

Same Dimension

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



230.6930, -15.3130, -3.3210



240.7140, -19.8060, -4.4940



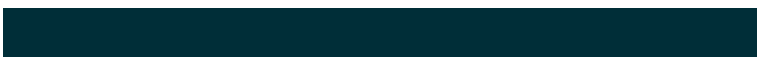
222.4750, -11.4630, 4.0010



115.2380, -6.6020, -1.4980



109.6130, -100.5890, -21.7490



33.3860, -30.6260, -6.6420

Inverse Universe

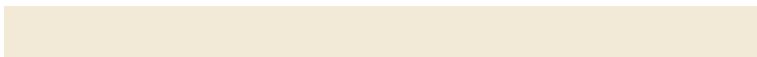
The Inverse Universe completely reimagines the original color for something new.



224.9940, 9.3050, 13.0890



233.1840, 11.8260, 16.9620



233.5250, 11.4630, -4.0010



112.7280, 3.9420, 5.6540



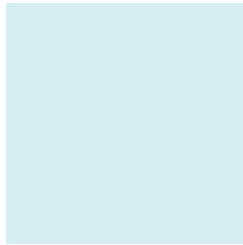
72.2300, 61.1930, 85.9690



21.9880, 18.6100, 26.1780

Previews

White Background



This preview shows how the YIQ color 230.6930, -15.3130, -3.3210 looks on a white background.

Color Contrast Check

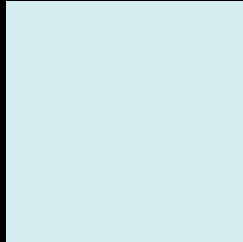
Large Text (above 18pt) WCAG AA × Fail

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 230.6930, -15.3130, -3.3210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

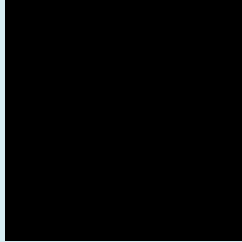
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 230.6930, -15.3130, -3.3210

Background



This preview shows how black text looks on a background with the YIQ color 230.6930, -15.3130, -3.3210.



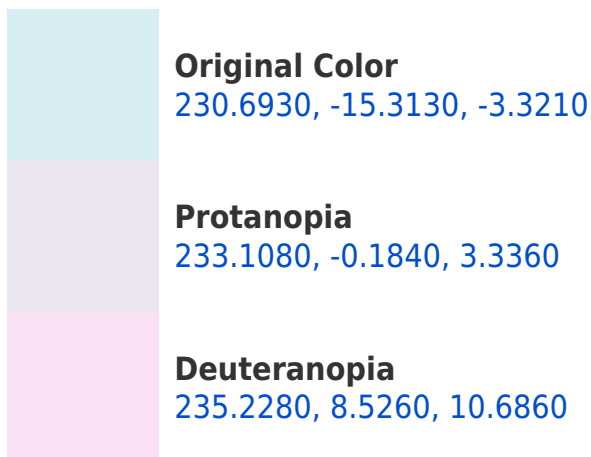
This preview shows how white text looks on a background with the YIQ color 230.6930, -15.3130,

-3.3210.

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

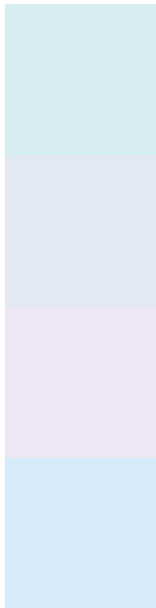




Tritanopia

231.4850, -17.4230, 1.8810

Trichromacy



Original Color

230.6930, -15.3130, -3.3210

Protanomaly

232.0040, -5.8230, 0.9050

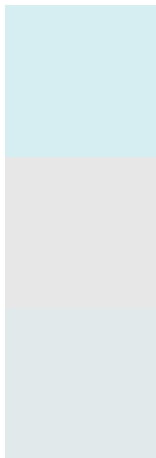
Deuteranomaly

233.5750, -0.0010, 5.5270

Tritanomaly

231.3170, -17.0100, -0.0980

Monochromacy



Original Color

230.6930, -15.3130, -3.3210

Achromatopsia

231.0000, -0.0000, -0.0000

Achromatomaly

230.8360, -5.4100, -1.0740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.6930, -15.3130, -3.3210 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(214, 237, 242)` looks like.

```
.text, #text, p{  
    color:rgb(214, 237, 242)  
}
```

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(214, 237, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 237, 242) }
```

Border

The CSS property to change the border of an element to YIQ 230.6930, -15.3130, -3.3210 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(214, 237, 242) }
```


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

```
.border{ border-color:rgb(214, 237, 242) }
```

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

Here you see how a box with a 4 pixel rgb(214, 237, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 237, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 237, 242);  
box-shadow:4px 4px 4px 4px rgb(214, 237,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 230.6930, -15.3130, -3.3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 237, 242) }
```

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

```
.background{ background-color: rgb(214,  
237, 242) }
```

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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