

Converting Colors

YIQ(134.0370, -18.6170,
12.5110)

Have a look what the booklet for
YIQ(134.0370, -18.6170, 12.5110)
contains.

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Color

**YIQ(134.0370, -18.6170,
12.5110)**

Conversions

Conversions Part 1

Format	Color
Hex	7C83B0
RGB	124, 131, 176
RGB Percent	49%, 51%, 69%
CMY	0.5137, 0.4863, 0.3099
CMYK	0.30, 0.26, 0.00, 0.31
HSL	232°, 25%, 59%
HSV	232°, 30%, 69%
XYZ	24.2630, 23.6522, 44.3464
YIQ	134.0370, -18.6170, 12.5110

Conversions

Conversions Part 2

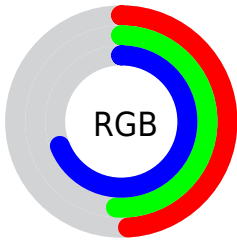
Format	Color
RYB	124, 130, 176
Decimal	8160176
CIELab	55.74, 7.96, -24.56
CIELCh	56, 25.824, 287.965
Yxy	23.6522, 0.2630, 0.2564
Android (android.graphics.Color)	4286350256 (0xFF7C83B0)
YUV	134.0370, 20.6878, -8.8024
Hunter-Lab	48.6335, 3.9441, -20.0200

Details

The YIQ color $134.0370, -18.6170, 12.5110$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $165.9630, 18.6170, -12.5110$, and the grayscale version is $134.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $187.6780, -18.9840, 13.6560$, and $83.9830, -18.5250, 10.8430$ is the 20% darker color. If you saturate the color by 10%, you get $119.8500, -25.2200, 16.5400$, and if you desaturate by 10%, it is $148.2240, -12.0140, 8.4820$.

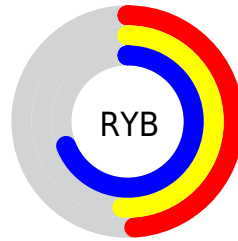
Distribution



Red (49%)

Green (51%)

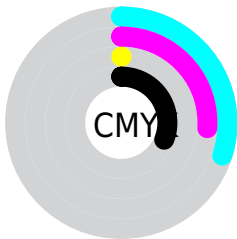
Blue (69%)



Red (49%)

Yellow (51%)

Blue (69%)

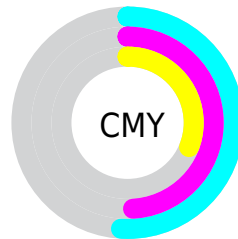


Cyan (30%)

Magenta (26%)

Yellow (0%)

Black (31%)



Cyan (51%)

Magenta (49%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 134.0370, -18.6170, 12.5110 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 134.0370, -18.6170, 12.5110 by changing the saturation by 10% instead.

■ 134.0370,
-18.6170, 12.5110

■ 134.0370,
-18.6170, 12.5110

■ 255.0000, -0.0000,
-0.0000

■ 108.5100,
-18.5710, 11.6770

■ 187.6780,
-18.9840, 13.6560

■ 83.9830, -18.5250,
10.8430

■ 214.8090,
-17.9750, 11.8890

■ 60.4560, -18.4790,
10.0090

■ 239.9160, -8.3910,
3.3930

■ 37.6300, -19.0290,
8.9630

■ 15.7930, -21.0460,
6.9700

■ 4.5940, -10.1800,
8.2840

■ 0.0000, 0.0000,

0.0000

■ 134.0370,
-18.6170, 12.5110

■ 134.0370,
-18.6170, 12.5110

■ 119.8500,
-25.2200, 16.5400

■ 148.2240,
-12.0140, 8.4820

■ 105.9620,
-31.2270, 20.7810

■ 162.1120, -6.0070,
4.2410

■ 91.1880, -37.5550,
25.3330

■ 176.8860, 0.3210,
-0.3110

■ 77.3000, -43.5620,
29.5740

■ 190.7740, 6.3280,
-4.5520

■ 63.1130, -50.1650,
33.6030

■ 204.9610, 12.9310,
-8.5810

■ 48.9260, -56.7680,
37.6320

■ 219.1480, 19.5340,
-12.6100

■ 34.4510, -62.5000,
42.3960

■ 233.6230, 25.2660,
-17.3740

■ 34.1520, -63.0960,
42.1840

■ 244.8200, 25.9090,
-23.5230

■ 245.9940, 25.3590,
-24.5690

Harmonies

Analogous

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



128.0940, -41.1270, 1.9530



134.0370, -18.6170, 12.5110



136.6440, 4.7190, 19.1110

Triad

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



134.0370, -18.6170, 12.5110



134.8550, 37.1370, 4.2810



124.2530, -29.2940, -19.7740

Complementary

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



134.0370, -18.6170, 12.5110



165.9630, 18.6170, -12.5110

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.



127.9860, -6.5530, -18.9130



134.0370, -18.6170, 12.5110



132.9260, 29.2070, -6.1930

Square

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



134.0370, -18.6170, 12.5110



135.6950, 35.0720, 14.1760



130.5710, 13.8490, -14.2070



121.2970, -49.7890, -17.2850

Rectangle

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



134.0370, -18.6170, 12.5110



137.0000, 18.3360, 20.1280



130.5710, 13.8490, -14.2070



125.2600, -22.0040, -19.7320

Sweetspot

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



134.0370, -18.6170, 12.5110



213.1550, -7.5660, 4.9620



159.5400, -28.4240, -13.5120



104.6560, -4.7230, 2.9970



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



134.0370, -18.6170, 12.5110



164.6910, -29.0260, 19.4380



135.3100, -5.9640, 19.9880



82.2000, -3.4390, 1.7530



29.7690, -54.8880, 36.6000



4.7250, -9.1710, 6.5170

Inverse Universe

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



140.3460, 28.7450, 13.2010



174.4730, 44.7450, 20.5930



164.6900, 5.9640, -19.9880



82.9190, 4.7220, 2.5300



48.1410, 84.4470, 38.9670



8.1160, 14.5330, 6.4450

Previews

White Background



This preview shows how the YIQ color 134.0370, -18.6170, 12.5110 looks on a white background.

Color Contrast Check

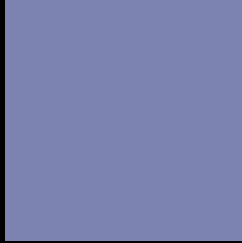
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.0370, -18.6170, 12.5110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

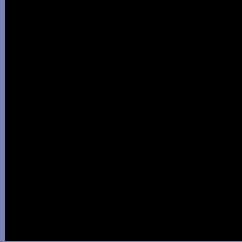
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 134.0370, -18.6170, 12.5110

Background



This preview shows how black text looks on a background with the YIQ color 134.0370, -18.6170, 12.5110.



This preview shows how white text looks on a background with the YIQ color 134.0370, -18.6170,

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

134.0370, -18.6170, 12.5110

Protanopia

133.8410, -21.0010, 11.6630

Deuteranopia

133.7380, -19.2130, 12.2990



Tritanopia

131.8720, -14.2590, -0.3950

Trichromacy



Original Color

134.0370, -18.6170, 12.5110

Protanomaly

134.1400, -20.4050, 11.8750

Deuteranomaly

133.7380, -19.2130, 12.2990

Tritanomaly

132.5500, -16.0480, 4.4960

Monochromacy



Original Color

134.0370, -18.6170, 12.5110

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

133.9270, -6.9240, 4.3400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 134.0370, -18.6170, 12.5110 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(124, 131, 176)` looks like.

```
.text, #text, p{  
    color:rgb(124, 131, 176)  
}
```

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(124, 131, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 131, 176) }
```

Border

The CSS property to change the border of an element to YIQ 134.0370, -18.6170, 12.5110 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(124, 131, 176) }
```


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

```
.border{ border-color:rgb(124, 131, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 131, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 131, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 131, 176);  
box-shadow:4px 4px 4px 4px rgb(124, 131,  
176) }
```

Background

The CSS property to change the background color of an element to YIQ 134.0370, -18.6170, 12.5110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 131, 176) }
```

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

```
.background{ background-color: rgb(124,  
131, 176) }
```

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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