

Converting Colors

YIQ(134.0730, -27.4660,
13.1900)

Have a look what the booklet for
YIQ(134.0730, -27.4660, 13.1900)
contains.

YIQ(134.0730, -27.4660, 13.1900)	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(134.0730, -27.4660,
13.1900)**

Conversions

Conversions Part 1

Format	Color
Hex	7485BB
RGB	116, 133, 187
RGB Percent	45%, 52%, 73%
CMY	0.5451, 0.4784, 0.2668
CMYK	0.38, 0.29, 0.00, 0.27
HSL	226°, 34%, 59%
HSV	226°, 38%, 73%
XYZ	24.5563, 24.0761, 50.3450
YIQ	134.0730, -27.4660, 13.1900

Conversions

Conversions Part 2

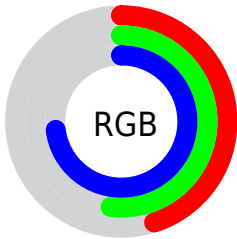
Format	Color
R_{YB}	116, 130, 187
Decimal	7636411
CIE Lab	56.16, 7.40, -30.23
CIE LCh	56, 31.126, 283.755
Yxy	24.0761, 0.2481, 0.2432
Android (android.graphics.Color)	4285826491 (0xFF7485BB)
YUV	134.0730, 26.0930, -15.8500
Hunter-Lab	49.0675, 3.4640, -26.4865

Details

The YIQ color $134.0730, -27.4660, 13.1900$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $168.9270, 27.4660, -13.1900$, and the grayscale version is $134.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $187.7140, -27.8330, 14.3350$, and $83.7200, -27.9700, 11.3100$ is the 20% darker color. If you saturate the color by 10%, you get $120.1740, -34.9400, 16.4840$, and if you desaturate by 10%, it is $147.9720, -19.9920, 9.8960$.

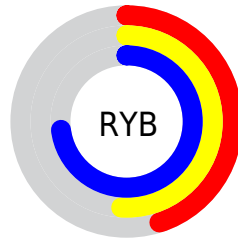
Distribution



Red (45%)

Green (52%)

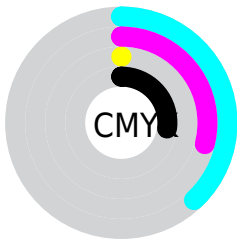
Blue (73%)



Red (45%)

Yellow (51%)

Blue (73%)

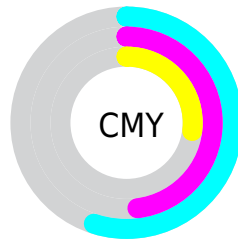


Cyan (38%)

Magenta (29%)

Yellow (0%)

Black (27%)



Cyan (55%)

Magenta (48%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 134.0730, -27.4660, 13.1900 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 134.0730, -27.4660, 13.1900 by changing the saturation by 10% instead.

■ 134.0730,
-27.4660, 13.1900

■ 134.0730,
-27.4660, 13.1900

■ 255.0000, -0.0000,
-0.0000

■ 108.5460,
-27.4200, 12.3560

■ 187.7140,
-27.8330, 14.3350

■ 83.6060, -27.6490,
10.9990

■ 213.8900,
-22.6970, 9.3590

■ 59.1820, -29.3910,
9.5290

■ 238.9970,
-13.1130, 0.8630

■ 33.5510, -34.9840,
6.2640

■ 17.9930, -24.4850,
8.7230

■ 5.5060, -12.7480,
10.7720

■ 2.2970, -5.0900,

4.1420

■ 0.0000, 0.0000,
0.0000

■ 134.0730,
-27.4660, 13.1900

■ 134.0730,
-27.4660, 13.1900

■ 120.1740,
-34.9400, 16.4840

■ 147.9720,
-19.9920, 9.8960

■ 106.5740,
-41.8180, 19.9900

■ 161.5720,
-13.1140, 6.3900

■ 92.0880, -49.0170,
23.8070

■ 176.0580, -5.9150,
2.5730

■ 78.1890, -56.4910,
27.1010

■ 189.9570, 1.5590,
-0.7210

■ 64.5890, -63.3690,
30.6070

■ 203.5570, 8.4370,
-4.2270

■ 50.6900, -70.8430,
33.9010

■ 217.4560, 15.9110,
-7.5210

■ 47.7330, -72.4020,
34.6220

■ 231.9420, 23.1100,
-11.3380

■ 242.5520, 24.0280,
-16.9640

■ 247.2480, 21.8280,
-21.1480

Harmonies

Analogous

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



125.4880, -57.0360, -1.5800



134.0730, -27.4660, 13.1900



138.0830, 2.1050, 22.4330

Triad

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



134.0730, -27.4660, 13.1900



135.4430, 44.2890, 6.8250



123.1660, -33.6030, -24.2830

Complementary

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



134.0730, -27.4660, 13.1900



168.9270, 27.4660, -13.1900

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.



128.2480, -4.5350, -22.4470



134.0730, -27.4660, 13.1900



133.9330, 36.4970, -6.1510

Square

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



134.0730, -27.4660, 13.1900



137.1520, 41.2150, 18.4870



131.5130, 19.7640, -16.7800



115.8820, -64.9180, -23.9420

Rectangle

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



134.0730, -27.4660, 13.1900



138.8200, 19.0230, 24.1990



131.5130, 19.7640, -16.7800



125.1410, -23.2870, -24.0150

Sweetspot

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



134.0730, -27.4660, 13.1900



222.4860, -9.9960, 4.9480



163.7190, -36.5380, -20.6500



110.1720, -6.2360, 2.8840



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



134.0730, -27.4660, 13.1900



159.5030, -43.0560, 20.4000



129.4760, -12.0630, 25.8970



87.2000, -3.4390, 1.7530



40.3180, -61.1680, 29.2640



7.6430, -11.8760, 5.9800

Inverse Universe

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



139.1670, 36.8590, 20.3390



167.2670, 57.4890, 31.9290



173.5240, 12.0630, -25.8970



87.9190, 4.7220, 2.5300



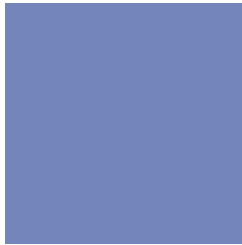
51.5740, 81.9700, 45.3140



10.0670, 16.2290, 8.7490

Previews

White Background



This preview shows how the YIQ color 134.0730, -27.4660, 13.1900 looks on a white background.

Color Contrast Check

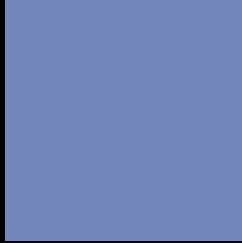
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.0730, -27.4660, 13.1900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

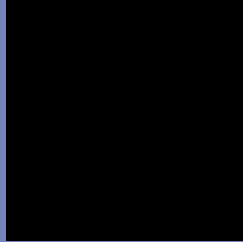
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

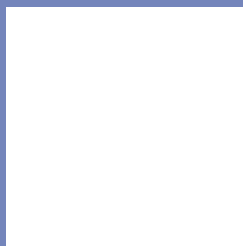
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 134.0730, -27.4660, 13.1900

Background



This preview shows how black text looks on a background with the YIQ color 134.0730, -27.4660, 13.1900.



This preview shows how white text looks on a background with the YIQ color 134.0730, -27.4660,

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

134.0730, -27.4660, 13.1900

Protanopia

134.6710, -26.2740, 13.6140

Deuteranopia

134.3720, -26.8700, 13.4020



Tritanopia

131.3870, -23.1990, -3.5750

Trichromacy



Original Color

134.0730, -27.4660, 13.1900

Protanomaly

134.3720, -26.8700, 13.4020

Deuteranomaly

134.3720, -26.8700, 13.4020

Tritanomaly

132.0050, -24.7590, 2.6730

Monochromacy



Original Color

134.0730, -27.4660, 13.1900

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

134.0730, -10.2710, 4.4250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 134.0730, -27.4660, 13.1900 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(116, 133, 187)` looks like.

```
.text, #text, p{  
    color:rgb(116, 133, 187)  
}
```

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(116, 133, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 133, 187) }
```

Border

The CSS property to change the border of an element to YIQ 134.0730, -27.4660, 13.1900 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(116, 133, 187) }
```


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

```
.border{ border-color:rgb(116, 133, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 133, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 133, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 133, 187);  
box-shadow:4px 4px 4px 4px rgb(116, 133,  
187) }
```

Background

The CSS property to change the background color of an element to YIQ 134.0730, -27.4660, 13.1900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 133, 187) }
```

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

```
.background{ background-color: rgb(116,  
133, 187) }
```

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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