

Converting Colors

YIQ(146.1060, -32.2330, 5.9670)

Have a look what the booklet for
YIQ(146.1060, -32.2330, 5.9670)
contains.

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Color

**YIQ(146.1060, -32.2330,
5.9670)**

Conversions

Conversions Part 1

Format	Color
Hex	7797C0
RGB	119, 151, 192
RGB Percent	47%, 59%, 75%
CMY	0.5334, 0.4078, 0.2472
CMYK	0.38, 0.21, 0.00, 0.25
HSL	214°, 37%, 61%
HSV	214°, 38%, 75%
XYZ	28.1847, 29.8626, 54.1241
YIQ	146.1060, -32.2330, 5.9670

Conversions

Conversions Part 2

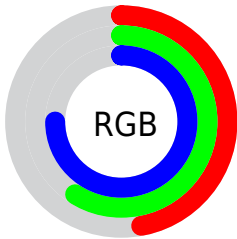
Format	Color
RYB	119, 141, 192
Decimal	7837632
CIELab	61.54, -0.78, -24.75
CIELCh	62, 24.762, 268.190
Yxy	29.8626, 0.2513, 0.2662
Android (android.graphics.Color)	4286027712 (0xFF7797C0)
YUV	146.1060, 22.6257, -23.7720
Hunter-Lab	54.6467, -3.5681, -20.4704

Details

The YIQ color $146.1060, -32.2330, 5.9670$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $164.8940, 32.2330, -5.9670$, and the grayscale version is $146.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $200.4480, -33.1960, 6.9000$, and $94.4650, -31.8660, 4.8220$ is the 20% darker color. If you saturate the color by 10%, you get $133.9680, -40.5320, 7.6920$, and if you desaturate by 10%, it is $158.2440, -23.9340, 4.2420$.

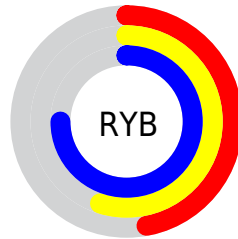
Distribution



Red (47%)

Green (59%)

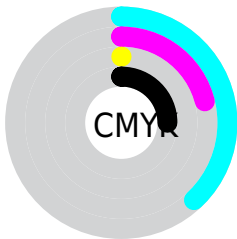
Blue (75%)



Red (47%)

Yellow (55%)

Blue (75%)

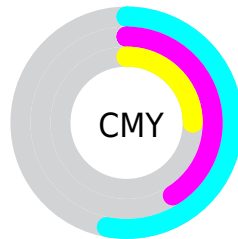


Cyan (38%)

Magenta (21%)

Yellow (0%)

Black (25%)



Cyan (53%)

Magenta (41%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 146.1060, -32.2330, 5.9670 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 146.1060, -32.2330, 5.9670 by changing the saturation by 10% instead.

■ 146.1060,
-32.2330, 5.9670

■ 146.1060,
-32.2330, 5.9670

■ 255.0000, -0.0000,
-0.0000

■ 119.9920,
-31.9120, 5.6560

■ 200.3340,
-32.8750, 6.5890

■ 94.4650, -31.8660,
4.8220

■ 225.9400,
-26.1340, 0.0580

■ 70.0410, -33.6080,
3.3520

■ 247.5250,
-14.9000, -5.3000

■ 43.8230, -38.9260,
0.6100

■ 26.7810, -29.9400,
2.9560

■ 10.0710, -15.9570,
8.3550

■ 2.9810, -7.0160,

6.0080

■ 0.0000, 0.0000,
0.0000

■ 146.1060,
-32.2330, 5.9670

■ 146.1060,
-32.2330, 5.9670

■ 133.9680,
-40.5320, 7.6920

■ 158.2440,
-23.9340, 4.2420

■ 121.8300,
-48.8310, 9.4170

■ 170.3820,
-15.6350, 2.5170

■ 109.9800,
-58.0010, 10.4070

■ 182.2320, -6.4650,
1.5270

■ 97.8420, -66.3000,
12.1320

■ 194.3700, 1.8340,
-0.1980

■ 85.7040, -74.5990,
13.8570

■ 206.5080, 10.1330,
-1.9230

■ 73.5660, -82.8980,
15.5820

■ 218.6460, 18.4320,
-3.6480

■ 71.1960, -84.7320,
15.7800

■ 230.1970, 27.0060,
-4.8500

■ 237.2520, 25.1730,
-10.1790

■ 243.7090, 22.1480,
-15.9320

Harmonies

Analogous

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



140.4580, -48.3240, -5.2840



146.1060, -32.2330, 5.9670



150.1090, -9.9520, 15.1680

Triad

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



146.1060, -32.2330, 5.9670



150.7720, 36.1730, 10.7410



141.9790, -13.8430, -18.9550

Complementary

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



146.1060, -32.2330, 5.9670



164.8940, 32.2330, -5.9670

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.



145.3960, 6.9720, -16.2280



146.1060, -32.2330, 5.9670



149.0780, 34.8910, 0.9310

Square

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



146.1060, -32.2330, 5.9670



152.0950, 28.1940, 17.6820



147.8930, 24.8060, -9.0340



139.2570, -35.1170, -18.8690

Rectangle

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



146.1060, -32.2330, 5.9670



152.1170, 4.7650, 18.2770



147.8930, 24.8060, -9.0340



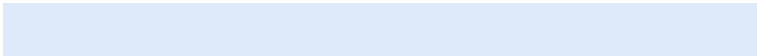
143.3990, -6.2780, -18.3900

Sweetspot

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



146.1060, -32.2330, 5.9670



232.2360, -12.2880, 2.4320



166.4110, -32.9150, -25.7390



114.9330, -7.0610, 1.3150



252.0000, 0.0000, 0.0000



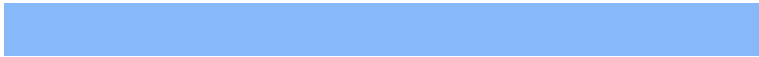
125.0000, 0.0000, 0.0000

Same Dimension

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



146.1060, -32.2330, 5.9670



177.4600, -50.6650, 9.6150



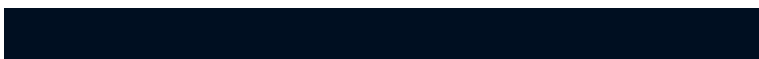
128.5180, -21.0490, 23.5510



90.4880, -4.3100, 1.0180



60.0310, -71.2060, 12.9380



12.5670, -14.7180, 2.4180

Inverse Universe

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



144.4750, 33.2360, 25.4280



175.0850, 52.4900, 39.9300



182.4820, 21.0490, -23.5510



90.4460, 4.6760, 3.3640



56.2330, 73.1650, 56.2130



11.5770, 14.8530, 11.6610

Previews

White Background



This preview shows how the YIQ color 146.1060, -32.2330, 5.9670 looks on a white background.

Color Contrast Check

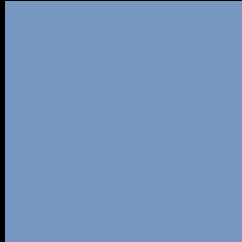
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.1060, -32.2330, 5.9670 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

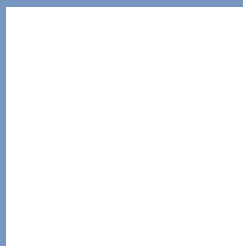
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 146.1060, -32.2330, 5.9670

Background



This preview shows how black text looks on a background with the YIQ color 146.1060, -32.2330, 5.9670.

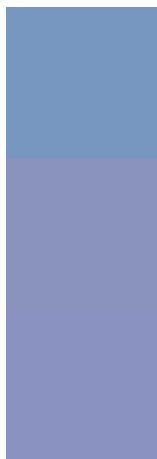


This preview shows how white text looks on a background with the YIQ color 146.1060, -32.2330,

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

146.1060, -32.2330, 5.9670

Protanopia

149.0970, -18.8460, 11.1540

Deuteranopia

148.9660, -19.8550, 12.9210



Tritanopia

143.9240, -29.2050, -4.8610

Trichromacy



Original Color

146.1060, -32.2330, 5.9670

Protanomaly

147.7050, -23.6140, 9.4580

Deuteranomaly

148.0470, -24.5770, 10.3910

Tritanomaly

144.9610, -30.6270, -1.1150

Monochromacy



Original Color

146.1060, -32.2330, 5.9670

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

146.1220, -11.9670, 2.1210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.1060, -32.2330, 5.9670 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(119, 151, 192)` looks like.

```
.text, #text, p{  
    color:rgb(119, 151, 192)  
}
```

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(119, 151, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 151, 192) }
```

Border

The CSS property to change the border of an element to YIQ 146.1060, -32.2330, 5.9670 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(119, 151, 192) }
```


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

```
.border{ border-color:rgb(119, 151, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 151, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 151, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 151, 192);  
box-shadow:4px 4px 4px 4px rgb(119, 151,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 146.1060, -32.2330, 5.9670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 151, 192) }
```

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

```
.background{ background-color: rgb(119,  
151, 192) }
```

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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