

Converting Colors

YIQ(176.5910, -32.4610,
-0.9170)

Have a look what the booklet for
YIQ(176.5910, -32.4610, -0.9170)
contains.

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Color

**YIQ(176.5910, -32.4610,
-0.9170)**

Conversions

Conversions Part 1

Format	Color
Hex	91BAD3
RGB	145, 186, 211
RGB Percent	57%, 73%, 83%
CMY	0.4314, 0.2705, 0.1727
CMYK	0.31, 0.12, 0.00, 0.17
HSL	203°, 43%, 70%
HSV	203°, 31%, 83%
XYZ	40.9891, 45.8442, 68.2916
YIQ	176.5910, -32.4610, -0.9170

Conversions

Conversions Part 2

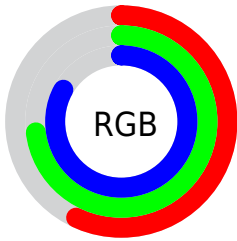
Format	Color
RYB	145, 170, 211
Decimal	9550547
CIELab	73.44, -7.78, -16.98
CIElCh	73, 18.680, 245.393
Yxy	45.8442, 0.2642, 0.2955
Android (android.graphics.Color)	4287740627 (0xFF91BAD3)
YUV	176.5910, 16.9636, -27.7053
Hunter-Lab	67.7083, -10.4299, -12.4049

Details

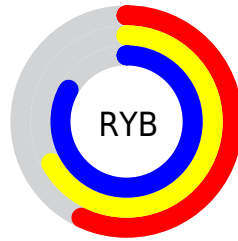
The YIQ color $176.5910, -32.4610, -0.9170$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $179.4090, 32.4610, 0.9170$, and the grayscale version is $176.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $230.9240, -29.2050, -4.8610$, and $123.3630, -31.8190, -1.5390$ is the 20% darker color. If you saturate the color by 10%, you get $165.6160, -42.7770, -1.1850$, and if you desaturate by 10%, it is $187.5660, -22.1450, -0.6490$.

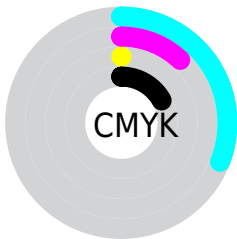
Distribution



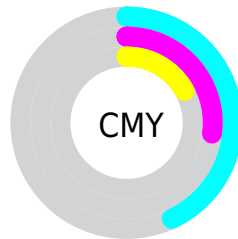
- Red (57%)
- Green (73%)
- Blue (83%)



- Red (57%)
- Yellow (67%)
- Blue (83%)



- Cyan (31%)
- Magenta (12%)
- Yellow (0%)
- Black (17%)



- Cyan (43%)
- Magenta (27%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.5910, -32.4610, -0.9170 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 176.5910, -32.4610, -0.9170 by changing the saturation by 10% instead.

■ 176.5910,
-32.4610, -0.9170

■ 176.5910,
-32.4610, -0.9170

■ 255.0000, -0.0000,
-0.0000

■ 149.4770,
-32.1400, -1.2280

■ 230.9240,
-29.2050, -4.8610

■ 123.3630,
-31.8190, -1.5390

■ 247.2260,
-15.4960, -5.5120

■ 97.9500, -32.0940,
-2.0620

■ 72.9500, -32.0940,
-2.0620

■ 47.4440, -36.5410,
-4.0690

■ 29.5050, -29.3430,
-2.3590

■ 14.6700, -16.5060,

1.7820

■ 2.0690, -4.4480,
3.5200

■ 0.0000, 0.0000,
0.0000

■ 176.5910,
-32.4610, -0.9170

■ 176.5910,
-32.4610, -0.9170

■ 165.6160,
-42.7770, -1.1850

■ 187.5660,
-22.1450, -0.6490

■ 154.6410,
-53.0930, -1.4530

■ 198.5410,
-11.8290, -0.3810

■ 143.6660,
-63.4090, -1.7210

■ 209.5160, -1.5130,
-0.1130

■ 132.6910,
-73.7250, -1.9890

■ 220.4910, 8.8030,
0.1550

■ 121.7160,
-84.0410, -2.2570

■ 231.4660, 19.1190,
0.4230

■ 110.4420,
-94.9530, -2.7370

■ 237.6570, 19.8990,
-2.7010

■ 100.9510,
-103.7560, -2.8920

■ 242.3530, 17.6990,
-6.8850

■ 247.0490, 15.4990,
-11.0690

■ 249.9840, 14.1240,
-13.6840

Harmonies

Analogous

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



174.1080, -35.7150, -8.0270



176.5910, -32.4610, -0.9170



179.9780, -20.1290, 6.8710

Triad

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



176.5910, -32.4610, -0.9170



183.1930, 24.8020, 13.0740



177.0520, 2.2490, -13.2310

Complementary

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



176.5910, -32.4610, -0.9170



179.4090, 32.4610, 0.9170

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.



179.4130, 17.4700, -8.2420



176.5910, -32.4610, -0.9170



182.4290, 29.7090, 6.7410

Square

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



176.5910, -32.4610, -0.9170



183.3150, 12.8350, 15.1950



181.4190, 26.5010, -1.2030



175.3150, -14.6690, -14.9970

Rectangle

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



176.5910, -32.4610, -0.9170



181.7730, -9.1260, 11.2100



181.4190, 26.5010, -1.2030



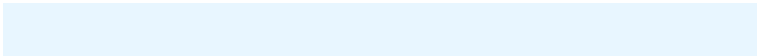
178.2160, 7.6590, -12.1570

Sweetspot

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



176.5910, -32.4610, -0.9170



242.8400, -11.2330, -0.1690



186.4780, -25.8540, -27.0540



119.9930, -7.2900, -0.0420



0.0000, 0.0000, 0.0000



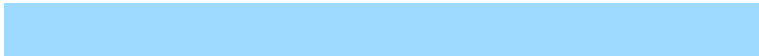
128.0000, -0.0000, -0.0000

Same Dimension

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



176.5910, -32.4610, -0.9170



204.2780, -47.6370, -1.2130



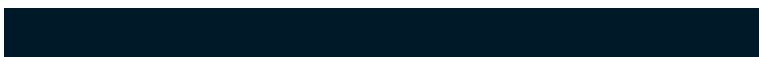
157.8070, -23.6610, 15.8190



99.3630, -5.4560, -0.2400



80.7870, -82.8030, -2.6670



19.3490, -20.0360, -0.3240

Inverse Universe

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



169.4080, 26.1750, 26.7430



193.8430, 38.5520, 39.2240



198.1930, 23.6610, -15.8190



98.0870, 4.3090, 4.5090



62.2020, 66.4230, 68.2710



15.1090, 16.4110, 16.4670

Previews

White Background



This preview shows how the YIQ color 176.5910, -32.4610, -0.9170 looks on a white background.

Color Contrast Check

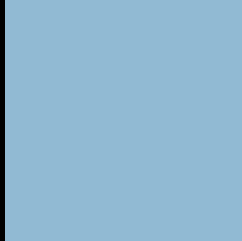
Large Text (above 18pt) WCAG AA × Fail

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 176.5910, -32.4610, -0.9170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

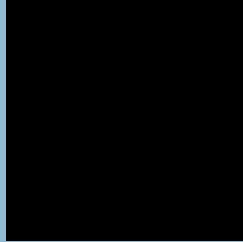
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 176.5910, -32.4610, -0.9170

Background



This preview shows how black text looks on a background with the YIQ color 176.5910, -32.4610, -0.9170.



This preview shows how white text looks on a background with the YIQ color 176.5910, -32.4610, -0.9170.

-0.9170.

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

176.5910, -32.4610, -0.9170

Protanopia

180.2950, -10.7760, 8.0720

Deuteranopia

181.7130, -8.8970, 12.5670



Tritanopia

175.5540, -31.0390, -4.6630

Trichromacy



Original Color

176.5910, -32.4610, -0.9170

Protanomaly

178.9950, -18.7990, 4.7930

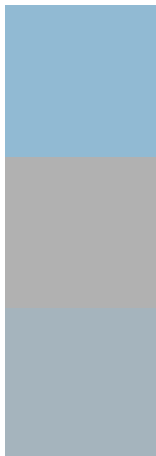
Deuteranomaly

180.0600, -17.4240, 7.4080

Tritanomaly

176.1950, -31.4060, -3.5180

Monochromacy



Original Color

176.5910, -32.4610, -0.9170

Achromatopsia

177.0000, -0.0000, 0.0000

Achromatomaly

176.5410, -11.8290, -0.3810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.5910, -32.4610, -0.9170 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(145, 186, 211)` looks like.

```
.text, #text, p{  
    color:rgb(145, 186, 211)  
}
```

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(145, 186, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 186, 211) }
```

Border

The CSS property to change the border of an element to YIQ 176.5910, -32.4610, -0.9170 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(145, 186, 211) }
```


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

```
.border{ border-color:rgb(145, 186, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 186, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 186, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 186, 211);  
box-shadow:4px 4px 4px 4px rgb(145, 186,  
211) }
```

Background

The CSS property to change the background color of an element to YIQ 176.5910, -32.4610, -0.9170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 186, 211) }
```

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

```
.background{ background-color: rgb(145,  
186, 211) }
```

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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