

Converting Colors

YIQ(178.6100, -33.4720,
11.9040)

Have a look what the booklet for
YIQ(178.6100, -33.4720, 11.9040)
contains.

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Color

**YIQ(178.6100, -33.4720,
11.9040)**

Conversions

Conversions Part 1

Format	Color
Hex	9AB4EC
RGB	154, 180, 236
RGB Percent	60%, 71%, 93%
CMY	0.3961, 0.2941, 0.0747
CMYK	0.35, 0.24, 0.00, 0.07
HSL	221°, 68%, 76%
HSV	221°, 35%, 93%
XYZ	44.7824, 45.5699, 85.7582
YIQ	178.6100, -33.4720, 11.9040

Conversions

Conversions Part 2

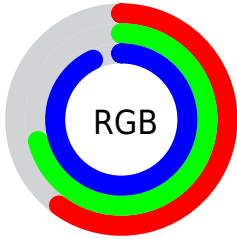
Format	Color
RYB	154, 174, 236
Decimal	10138860
CIELab	73.27, 4.30, -30.79
CIELCh	73, 31.094, 277.955
Yxy	45.5699, 0.2543, 0.2588
Android (android.graphics.Color)	4288328940 (0xFF9AB4EC)
YUV	178.6100, 28.2933, -21.5830
Hunter-Lab	67.5054, 0.2805, -28.0676

Details

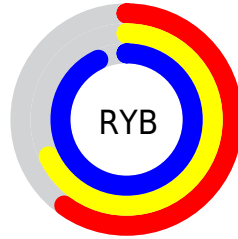
The YIQ color **178.6100, -33.4720, 11.9040** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **211.3900, 33.4720, -11.9040**, and the grayscale version is **178.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **230.3920, -21.5950, 0.3970**, and **124.9690, -33.1050, 10.7590** is the 20% darker color. If you saturate the color by 10%, you get **162.0420, -43.3760, 15.1840**, and if you desaturate by 10%, it is **195.1780, -23.5680, 8.6240**.

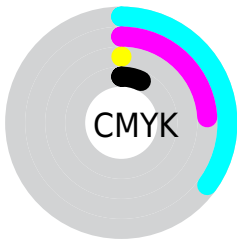
Distribution



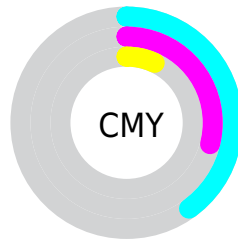
- Red (60%)
- Green (71%)
- Blue (93%)



- Red (60%)
- Yellow (68%)
- Blue (93%)



- Cyan (35%)
- Magenta (24%)
- Yellow (0%)
- Black (7%)



- Cyan (40%)
- Magenta (29%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 178.6100, -33.4720, 11.9040 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 178.6100, -33.4720, 11.9040 by changing the saturation by 10% instead.

■ 178.6100,
-33.4720, 11.9040

■ 178.6100,
-33.4720, 11.9040

■ 255.0000, -0.0000,
-0.0000

■ 151.4960,
-33.1510, 11.5930

■ 230.3920,
-21.5950, 0.3970

■ 124.9690,
-33.1050, 10.7590

■ 250.2160, -9.5360,
-3.3920

■ 99.7300, -33.9300,
9.1900

■ 74.6050, -35.0760,
7.9320

■ 48.6860, -39.7980,
5.4020

■ 29.3230, -34.3420,
5.6420

■ 13.7870, -20.9090,

9.9950

■ 4.8220, -10.8220,
8.9060

■ 0.5700, -1.6050,
1.5550

■ 178.6100,
-33.4720, 11.9040

■ 178.6100,
-33.4720, 11.9040

■ 162.0420,
-43.3760, 15.1840

■ 195.1780,
-23.5680, 8.6240

■ 145.7730,
-52.6840, 18.6760

■ 211.4470,
-14.2600, 5.1320

■ 129.2050,
-62.5880, 21.9560

■ 228.0150, -4.3560,
1.8520

■ 112.9360,
-71.8960, 25.4480

■ 244.2840, 4.9520,
-1.6400

■ 95.7810, -81.5250,
29.2510

■ 252.8340, 6.0990,
-5.9090

■ 79.2130, -91.4290,
32.5310

■ 70.9290, -96.3810,
34.1710

Harmonies

Analogous

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



171.1780, -59.0990, -2.7390



178.6100, -33.4720, 11.9040



183.4460, -3.3510, 22.1930

Triad

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



178.6100, -33.4720, 11.9040



181.7040, 48.0480, 10.2880



170.1620, -27.7800, -25.1880

Complementary

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



178.6100, -33.4720, 11.9040



211.3900, 33.4720, -11.9040

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.



174.3580, 0.9670, -23.0410



178.6100, -33.4720, 11.9040



180.1510, 41.8150, -3.4090

Square

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



178.6100, -33.4720, 11.9040



183.6190, 41.3980, 20.6780



177.6770, 25.1740, -15.7060



165.9710, -54.9230, -23.3630

Rectangle

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



178.6100, -33.4720, 11.9040



184.3080, 14.7130, 25.2170



177.6770, 25.1740, -15.7060



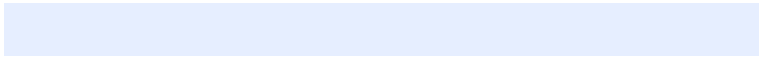
171.8380, -18.0600, -25.1320

Sweetspot

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



178.6100, -33.4720, 11.9040



237.5460, -10.2250, 3.5910



208.4040, -40.2050, -25.7810



116.7590, -6.5110, 2.3610



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.



178.6100, -33.4720, 11.9040



180.1560, -43.6970, 15.4950



167.5340, -17.9780, 28.4700



109.0150, -4.3560, 1.8520



54.0930, -73.7760, 26.4800



16.1350, -22.0090, 7.9030

Inverse Universe

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



181.4820, 40.5260, 25.4700



183.8690, 52.8580, 33.2580



222.4660, 17.9780, -28.4700



109.6310, 5.5930, 3.2650



60.6170, 89.5790, 56.0990



18.0840, 26.7270, 16.7350

Previews

White Background



This preview shows how the YIQ color 178.6100, -33.4720, 11.9040 looks on a white background.

Color Contrast Check

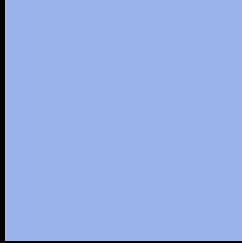
Large Text (above 18pt) WCAG AA × Fail

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 178.6100, -33.4720, 11.9040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

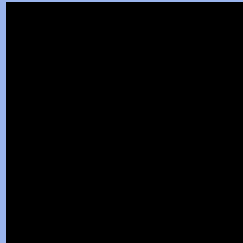
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 178.6100, -33.4720, 11.9040

Background



This preview shows how black text looks on a background with the YIQ color 178.6100, -33.4720, 11.9040.



This preview shows how white text looks on a background with the YIQ color 178.6100, -33.4720,

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

178.6100, -33.4720, 11.9040

Protanopia

179.6110, -26.0450, 14.9710

Deuteranopia

180.5510, -25.8160, 16.3280



Tritanopia

175.7500, -28.6550, -3.8150

Trichromacy



Original Color

178.6100, -33.4720, 11.9040

Protanomaly

179.1160, -29.0250, 13.9110

Deuteranomaly

179.9420, -28.4750, 14.9570

Tritanomaly

176.9550, -30.4900, 1.9100

Monochromacy



Original Color

178.6100, -33.4720, 11.9040

Achromatopsia

179.0000, -0.0000, -0.0000

Achromatomaly

178.7030, -12.1050, 4.6230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.6100, -33.4720, 11.9040 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(154, 180, 236)` looks like.

```
.text, #text, p{  
    color:rgb(154, 180, 236)  
}
```

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(154, 180, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 180, 236) }
```

Border

The CSS property to change the border of an element to YIQ 178.6100, -33.4720, 11.9040 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(154, 180, 236) }
```


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

```
.border{ border-color:rgb(154, 180, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 180, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 180, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 180, 236);  
box-shadow:4px 4px 4px 4px rgb(154, 180,  
236) }
```

Background

The CSS property to change the background color of an element to YIQ 178.6100, -33.4720, 11.9040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 180, 236) }
```

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

```
.background{ background-color: rgb(154,  
180, 236) }
```

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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