

Converting Colors

YIQ(177.0200, -29.1150, 4.5250)

Have a look what the booklet for
YIQ(177.0200, -29.1150, 4.5250)
contains.

YIQ(177.0200, -29.1150, 4.5250)	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(177.0200, -29.1150,
4.5250)**

Conversions

Conversions Part 1

Format	Color
Hex	98B6D9
RGB	152, 182, 217
RGB Percent	60%, 71%, 85%
CMY	0.4040, 0.2862, 0.1492
CMYK	0.30, 0.16, 0.00, 0.15
HSL	212°, 46%, 72%
HSV	212°, 30%, 85%
XYZ	42.1967, 45.1431, 72.1103
YIQ	177.0200, -29.1150, 4.5250

Conversions

Conversions Part 2

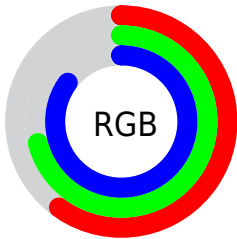
Format	Color
RYB	152, 173, 217
Decimal	10008281
CIELab	72.99, -2.13, -20.91
CIELCh	73, 21.015, 264.186
Yxy	45.1431, 0.2646, 0.2831
Android (android.graphics.Color)	4288198361 (0xFF98B6D9)
YUV	177.0200, 19.7101, -21.9425
Hunter-Lab	67.1886, -5.4761, -16.6010

Details

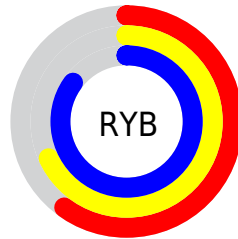
The YIQ color **177.0200, -29.1150, 4.5250** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **191.9800, 29.1150, -4.5250**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **230.6690, -23.9330, -1.2850**, and **123.7920, -28.4730, 3.9030** is the 20% darker color. If you saturate the color by 10%, you get **163.3980, -38.9270, 6.1370**, and if you desaturate by 10%, it is **190.6420, -19.3030, 2.9130**.

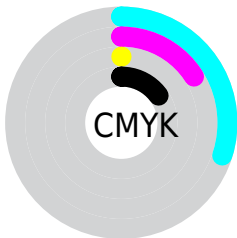
Distribution



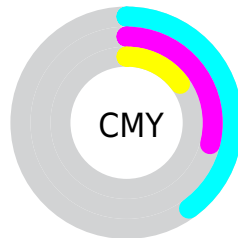
- Red (60%)
- Green (71%)
- Blue (85%)



- Red (60%)
- Yellow (68%)
- Blue (85%)



- Cyan (30%)
- Magenta (16%)
- Yellow (0%)
- Black (15%)



- Cyan (40%)
- Magenta (29%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 177.0200, -29.1150, 4.5250 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 177.0200, -29.1150, 4.5250 by changing the saturation by 10% instead.

■ 177.0200,
-29.1150, 4.5250

■ 177.0200,
-29.1150, 4.5250

■ 255.0000, -0.0000,
-0.0000

■ 149.9060,
-28.7940, 4.2140

■ 230.6690,
-23.9330, -1.2850

■ 123.7920,
-28.4730, 3.9030

■ 249.3190,
-11.3240, -4.0280

■ 98.6780, -28.1520,
3.5920

■ 73.8520, -28.7020,
2.5460

■ 49.5420, -30.7650,
1.3870

■ 28.2000, -29.8020,
0.4540

■ 12.7780, -16.6900,

5.1180

■ 2.7530, -6.3740,
5.3860

■ 0.0000, 0.0000,
0.0000

■ 177.0200,
-29.1150, 4.5250

■ 177.0200,
-29.1150, 4.5250

■ 163.3980,
-38.9270, 6.1370

■ 190.6420,
-19.3030, 2.9130

■ 150.6620,
-48.4180, 7.4380

■ 203.3780, -9.8120,
1.6120

■ 137.0400,
-58.2300, 9.0500

■ 217.0000, -0.0000,
0.0000

■ 123.4180,
-68.0420, 10.6620

■ 230.6220, 9.8120,
-1.6120

■ 110.6820,
-77.5330, 11.9630

■ 241.8630, 16.3230,
-3.9730

■ 97.0600, -87.3450,
13.5750

■ 248.9070, 13.0230,
-10.2490

■ 83.4380, -97.1570,
15.1870

■ 250.6680, 12.1980,
-11.8180

Harmonies

Analogous

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



173.1770, -40.1630, -4.5070



177.0200, -29.1150, 4.5250



180.9300, -11.0060, 12.2420

Triad

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



177.0200, -29.1150, 4.5250



181.6190, 32.2300, 10.6140



174.4850, -9.3960, -16.9480

Complementary

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



177.0200, -29.1150, 4.5250



191.9800, 29.1150, -4.5250

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.



176.7600, 8.9430, -13.4010



177.0200, -29.1150, 4.5250



180.4630, 32.3690, 2.5850

Square

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



177.0200, -29.1150, 4.5250



182.7030, 23.4260, 15.9860



179.1750, 24.0720, -6.7440



172.1440, -27.3690, -16.1130

Rectangle

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



177.0200, -29.1150, 4.5250



181.9810, 2.1520, 16.0720



179.1750, 24.0720, -6.7440



174.8340, -3.0690, -15.9730

Sweetspot

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



177.0200, -29.1150, 4.5250



241.0790, -10.4080, 1.4000



194.1450, -29.1100, -23.1100



118.8190, -6.7400, 1.0040



0.0000, 0.0000, 0.0000



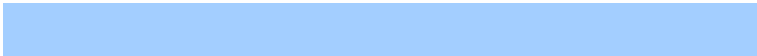
128.0000, -0.0000, -0.0000

Same Dimension

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



177.0200, -29.1150, 4.5250



198.7290, -41.3570, 6.1230



160.0080, -19.6730, 20.6390



103.1890, -4.9060, 0.8060



66.6820, -77.5330, 11.9630



17.5710, -20.5410, 3.3230

Inverse Universe

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



174.8550, 29.1100, 23.1100



195.4100, 41.0290, 32.8770



208.9920, 19.6730, -20.6390



102.8590, 4.9510, 3.8870



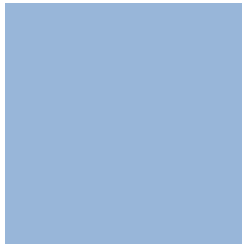
60.8470, 77.4280, 61.5560



16.1480, 20.6750, 16.2830

Previews

White Background



This preview shows how the YIQ color 177.0200, -29.1150, 4.5250 looks on a white background.

Color Contrast Check

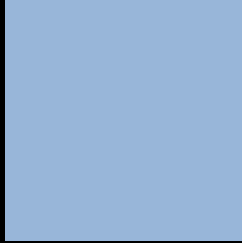
Large Text (above 18pt) WCAG AA × Fail

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 177.0200, -29.1150, 4.5250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

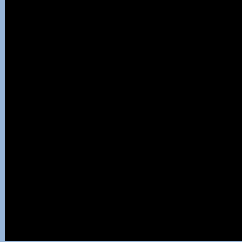
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

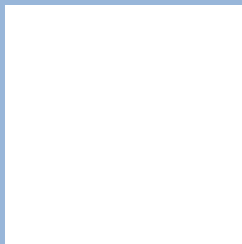
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 177.0200, -29.1150, 4.5250

Background



This preview shows how black text looks on a background with the YIQ color 177.0200, -29.1150, 4.5250.



This preview shows how white text looks on a background with the YIQ color 177.0200, -29.1150,

4.5250.

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

177.0200, -29.1150, 4.5250

Protanopia

179.4240, -15.4530, 10.2350

Deuteranopia

180.2010, -13.2070, 13.5850



Tritanopia

175.6470, -26.8670, -3.1790

Trichromacy



Original Color

177.0200, -29.1150, 4.5250

Protanomaly

178.6190, -20.4960, 8.0160

Deuteranomaly

179.2710, -19.3960, 10.1080

Tritanomaly

176.0430, -27.9220, -0.5780

Monochromacy



Original Color

177.0200, -29.1150, 4.5250

Achromatopsia

177.0000, -0.0000, 0.0000

Achromatomaly

177.1930, -10.7290, 1.7110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 177.0200, -29.1150, 4.5250 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(152, 182, 217)` looks like.

```
.text, #text, p{  
    color:rgb(152, 182, 217)  
}
```

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(152, 182, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 182, 217) }
```

Border

The CSS property to change the border of an element to YIQ 177.0200, -29.1150, 4.5250 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(152, 182, 217) }
```


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

```
.border{ border-color:rgb(152, 182, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 182, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 182, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 182, 217);  
box-shadow:4px 4px 4px 4px rgb(152, 182,  
217) }
```

Background

The CSS property to change the background color of an element to YIQ 177.0200, -29.1150, 4.5250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 182, 217) }
```

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

```
.background{ background-color: rgb(152,  
182, 217) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor