

Converting Colors

YIQ(181.7280, -67.1200,
-17.0720)

Have a look what the booklet for
YIQ(181.7280, -67.1200, -17.0720)
contains.

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Color

**YIQ(181.7280, -67.1200,
-17.0720)**

Conversions

Conversions Part 1

Format	Color
Hex	6BD3E3
RGB	107, 211, 227
RGB Percent	42%, 83%, 89%
CMY	0.5806, 0.1724, 0.1101
CMYK	0.53, 0.07, 0.00, 0.11
HSL	188°, 68%, 65%
HSV	188°, 53%, 89%
XYZ	43.2166, 55.2745, 81.0129
YIQ	181.7280, -67.1200, -17.0720

Conversions

Conversions Part 2

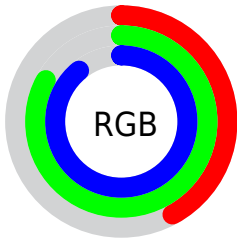
Format	Color
RYB	107, 163, 227
Decimal	7066595
CIELab	79.20, -25.86, -17.09
CIElCh	79, 30.999, 213.463
Yxy	55.2745, 0.2408, 0.3079
Android (android.graphics.Color)	4285256675 (0xFF6BD3E3)
YUV	181.7280, 22.3191, -65.5365
Hunter-Lab	74.3468, -26.3477, -12.5633

Details

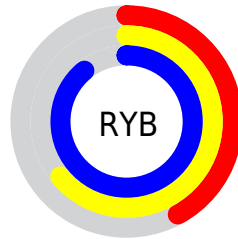
The YIQ color **181.7280, -67.1200, -17.0720** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **152.2720, 67.1200, 17.0720**, and the grayscale version is **182.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **228.3890, -53.0440, -18.8680**, and **122.8410, -74.8680, -19.8280** is the 20% darker color. If you saturate the color by 10%, you get **173.0900, -80.0030, -20.3790**, and if you desaturate by 10%, it is **190.3660, -54.2370, -13.7650**.

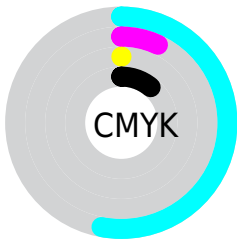
Distribution



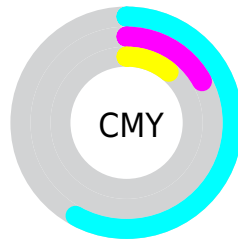
- Red (42%)
- Green (83%)
- Blue (89%)



- Red (42%)
- Yellow (64%)
- Blue (89%)



- Cyan (53%)
- Magenta (7%)
- Yellow (0%)
- Black (11%)



- Cyan (58%)
- Magenta (17%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 181.7280, -67.1200, -17.0720 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 181.7280, -67.1200, -17.0720 by changing the saturation by 10% instead.

■ 181.7280,
-67.1200, -17.0720

■ 181.7280,
-67.1200, -17.0720

■ 255.0000, -0.0000,
-0.0000

■ 152.8310,
-68.9080, -17.7080

■ 228.3890,
-53.0440, -18.8680

■ 122.8410,
-74.8680, -19.8280

■ 237.3590,
-35.1640, -12.5080

■ 92.8400, -82.2950,
-22.8950

■ 246.3290,
-17.2840, -6.1480

■ 75.2010, -67.0740,
-17.9060

■ 57.7900, -52.4950,
-12.2950

■ 41.5530, -38.4660,
-7.7300

■ 26.0170, -25.0330,

-3.3770

■ 4.3660, -9.5380,
7.6620

■ 0.0000, 0.0000,
0.0000

■ 181.7280,
-67.1200, -17.0720

■ 181.7280,
-67.1200, -17.0720

■ 173.0900,
-80.0030, -20.3790

■ 190.3660,
-54.2370, -13.7650

■ 164.7510,
-92.2900, -23.4740

■ 198.7050,
-41.9500, -10.6700

■ 156.1130,
-105.1730, -26.7810

■ 207.3430,
-29.0670, -7.3630

■ 147.4750,
-118.0560, -30.0880

■ 215.9810,
-16.1840, -4.0560

■ 141.5170,
-127.0420, -32.4340

■ 224.3200, -3.8970,
-0.9610

■ 232.9580, 8.9860,
2.3460

■ 238.3070, 15.3130,
3.3210

■ 240.0680, 14.4880,
1.7520

■ 241.8290, 13.6630,
0.1830

Harmonies

Analogous

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



182.7110, -51.2550, -23.7590



181.7280, -67.1200, -17.0720



186.7540, -60.8410, -4.2090

Triad

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



181.7280, -67.1200, -17.0720



200.9450, 20.1690, 25.4570



194.1830, 29.6210, -13.6990

Complementary

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



181.7280, -67.1200, -17.0720



152.2720, 67.1200, 17.0720

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.



196.8740, 44.1530, -1.7270



181.7280, -67.1200, -17.0720



200.1890, 39.7930, 22.2330

Square

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



181.7280, -67.1200, -17.0720



199.4670, -7.8440, 21.0200



199.0570, 48.5520, 12.1680



190.9240, 5.1850, -22.3910

Rectangle

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



181.7280, -67.1200, -17.0720



191.6790, -47.0880, 5.3600



199.0570, 48.5520, 12.1680



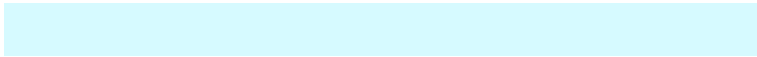
195.2270, 35.4890, -9.9110

Sweetspot

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



181.7280, -67.1200, -17.0720



239.8060, -23.0610, -6.0770



179.0360, -37.4940, -58.4060



118.1770, -13.8000, -3.2080



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.



181.7280, -67.1200, -17.0720



194.5340, -90.1810, -23.1490



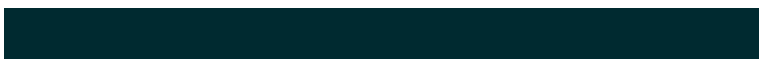
147.6820, -51.1700, 13.2620



108.1240, -6.2810, -1.8090



109.8750, -98.5710, -25.2830



30.1260, -26.9580, -7.0380

Inverse Universe

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



154.7360, 38.1360, 57.7840



158.0990, 51.0160, 77.6720



186.3180, 51.1700, -13.2620



105.4290, 3.3460, 5.4420



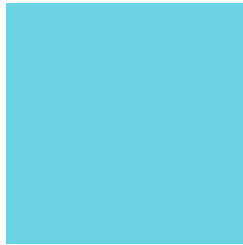
70.0660, 55.7830, 84.8950



19.1400, 15.1260, 23.2380

Previews

White Background



This preview shows how the YIQ color 181.7280, -67.1200, -17.0720 looks on a white background.

Color Contrast Check

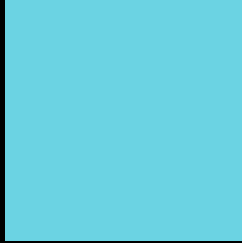
Large Text (above 18pt) WCAG AA × Fail

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 181.7280, -67.1200, -17.0720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

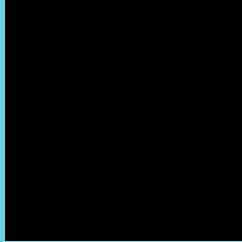
Any Text WCAG AA ✓ Pass

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 181.7280, -67.1200, -17.0720 Background



This preview shows how black text looks on a background with the YIQ color 181.7280, -67.1200, -17.0720.



This preview shows how white text looks on a background with the YIQ color 181.7280, -67.1200, -17.0720.

-17.0720.

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

181.7280, -67.1200, -17.0720

Protanopia

195.9100, -8.2540, 6.4180

Deuteranopia

196.4680, -9.5850, 14.0230



Tritanopia

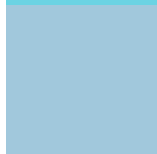
181.8420, -67.4410, -16.7610

Trichromacy



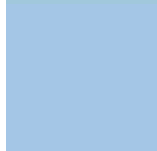
Original Color

181.7280, -67.1200, -17.0720



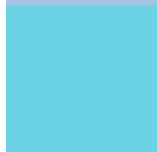
Protanomaly

190.6190, -29.6640, -2.0480



Deuteranomaly

191.4820, -30.5360, 2.7440



Tritanomaly

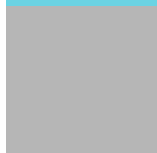
181.8420, -67.4410, -16.7610

Monochromacy



Original Color

181.7280, -67.1200, -17.0720



Achromatopsia

182.0000, -0.0000, -0.0000



Achromatomaly

182.2080, -24.2530, -6.5010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 181.7280, -67.1200, -17.0720 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(107, 211, 227)` looks like.

```
.text, #text, p{  
    color:rgb(107, 211, 227)  
}
```

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(107, 211, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 211, 227) }
```

Border

The CSS property to change the border of an element to YIQ 181.7280, -67.1200, -17.0720 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(107, 211, 227) }
```


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

```
.border{ border-color:rgb(107, 211, 227) }
```

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

Here you see how a box with a 4 pixel rgb(107, 211, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 211, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 211, 227);  
box-shadow:4px 4px 4px 4px rgb(107, 211,  
227) }
```

Background

The CSS property to change the background color of an element to YIQ 181.7280, -67.1200, -17.0720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 211, 227) }
```

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

```
.background{ background-color: rgb(107,  
211, 227) }
```

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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