

Converting Colors

YIQ(186.7940, -58.3180,
-11.3900)

Have a look what the booklet for
YIQ(186.7940, -58.3180, -11.3900)
contains.

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Color

**YIQ(186.7940, -58.3180,
-11.3900)**

Conversions

Conversions Part 1

Format	Color
Hex	7CD2E8
RGB	124, 210, 232
RGB Percent	49%, 82%, 91%
CMY	0.5139, 0.1763, 0.0904
CMYK	0.47, 0.09, 0.00, 0.09
HSL	192°, 70%, 70%
HSV	192°, 47%, 91%
XYZ	45.9172, 56.2151, 84.7273
YIQ	186.7940, -58.3180, -11.3900

Conversions

Conversions Part 2

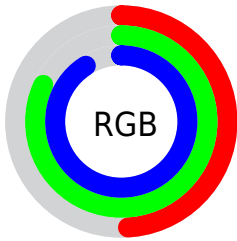
Format	Color
RYB	124, 172, 232
Decimal	8180456
CIELab	79.74, -20.33, -18.90
CIELCh	80, 27.754, 222.908
Yxy	56.2151, 0.2457, 0.3008
Android (android.graphics.Color)	4286370536 (0xFF7CD2E8)
YUV	186.7940, 22.2866, -55.0703
Hunter-Lab	74.9767, -21.8926, -14.5168

Details

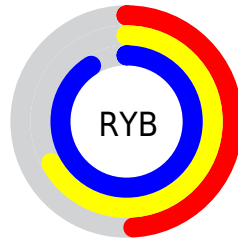
The YIQ color **186.7940, -58.3180, -11.3900** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **169.2060, 58.3180, 11.3900**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **233.1730, -43.5080, -15.4760**, and **130.4840, -60.3810, -12.5490** is the 20% darker color. If you saturate the color by 10%, you get **176.9820, -70.6510, -13.6510**, and if you desaturate by 10%, it is **196.6060, -45.9850, -9.1290**.

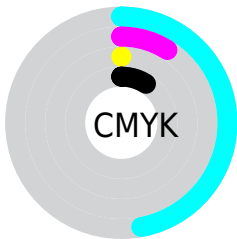
Distribution



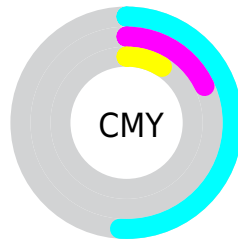
- Red (49%)
- Green (82%)
- Blue (91%)



- Red (49%)
- Yellow (67%)
- Blue (91%)



- Cyan (47%)
- Magenta (9%)
- Yellow (0%)
- Black (9%)



- Cyan (51%)
- Magenta (18%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 186.7940, -58.3180, -11.3900 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 186.7940, -58.3180, -11.3900 by changing the saturation by 10% instead.

■ 186.7940,
-58.3180, -11.3900

■ 186.7940,
-58.3180, -11.3900

■ 255.0000, -0.0000,
-0.0000

■ 158.4950,
-58.9140, -11.6020

■ 233.1730,
-43.5080, -15.4760

■ 130.4840,
-60.3810, -12.5490

■ 241.8440,
-26.2240, -9.3280

■ 101.1950,
-66.9370, -14.8810

■ 250.8140, -8.3440,
-2.9680

■ 75.1840, -68.4040,
-15.8280

■ 58.2460, -53.7790,
-11.0510

■ 41.4220, -39.4750,
-5.9630

■ 26.4730, -26.3170,

-2.1330

■ 4.7080, -10.5010,
8.5950

■ 0.3420, -0.9630,
0.9330

■ 186.7940,
-58.3180, -11.3900

■ 186.7940,
-58.3180, -11.3900

■ 176.9820,
-70.6510, -13.6510

■ 196.6060,
-45.9850, -9.1290

■ 167.7570,
-83.2590, -16.4350

■ 205.8310,
-33.3770, -6.3450

■ 157.6460,
-96.1880, -18.9080

■ 215.9420,
-20.4480, -3.8720

■ 147.8340,
-108.5210, -21.1690

■ 225.7540, -8.1150,
-1.6110

■ 138.6090,
-121.1290, -23.9530

■ 235.5660, 4.2180,
0.6500

■ 135.0430,
-125.3470, -24.6030

■ 242.3990, 12.0580,
1.7380

■ 245.3340, 10.6830,
-0.8770

■ 248.2690, 9.3080,
-3.4920

■ 250.6170, 8.2080,
-5.5840

Harmonies

Analogous

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



185.8300, -49.9720, -19.4760



186.7940, -58.3180, -11.3900



191.4460, -48.0500, 0.7660

Triad

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



186.7940, -58.3180, -11.3900



202.2890, 24.8920, 22.4600



195.4530, 19.9930, -15.4230

Complementary

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



186.7940, -58.3180, -11.3900



169.2060, 58.3180, 11.3900

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.



197.8730, 36.7260, -4.7940



186.7940, -58.3180, -11.3900



201.1410, 39.7480, 17.5400

Square

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



186.7940, -58.3180, -11.3900



201.2570, 1.5550, 21.3870



199.6710, 43.6470, 7.4470



192.2590, -3.0680, -21.5000

Rectangle

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



186.7940, -58.3180, -11.3900



195.7300, -33.9300, 9.1900



199.6710, 43.6470, 7.4470



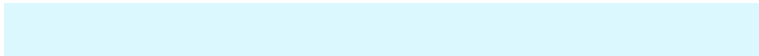
196.2690, 26.5030, -12.2570

Sweetspot

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



186.7940, -58.3180, -11.3900



240.1270, -19.5310, -3.9710



189.9040, -36.7620, -49.6420



118.4870, -11.7370, -2.0490



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.



186.7940, -58.3180, -11.3900



195.2200, -77.2530, -15.1490



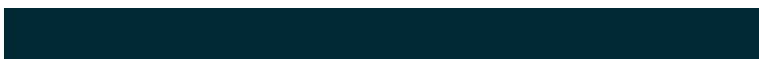
155.0960, -43.4680, 16.8520



109.6510, -6.3270, -0.9750



103.7600, -96.5090, -18.5970



29.8810, -27.6460, -5.5820

Inverse Universe

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



166.0960, 36.7620, 49.6420



167.7530, 48.6340, 65.7700



200.9040, 43.4680, -16.8520



107.6140, 4.2630, 5.3430



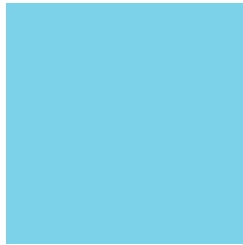
69.7090, 61.1020, 82.1100



19.9230, 17.2350, 23.5630

Previews

White Background



This preview shows how the YIQ color 186.7940, -58.3180, -11.3900 looks on a white background.

Color Contrast Check

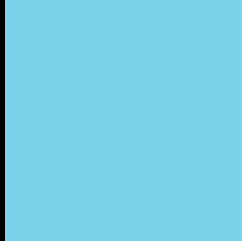
Large Text (above 18pt) WCAG AA × Fail

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 186.7940, -58.3180, -11.3900 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 186.7940, -58.3180, -11.3900 Background



This preview shows how black text looks on a background with the YIQ color 186.7940, -58.3180, -11.3900.



This preview shows how white text looks on a background with the YIQ color 186.7940, -58.3180, -11.3900.

-11.3900.

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

186.7940, -58.3180, -11.3900

Protanopia

197.1810, -10.4550, 7.7610

Deuteranopia

198.2120, -11.7400, 14.5320



Tritanopia

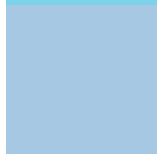
186.6260, -57.9050, -13.3690

Trichromacy



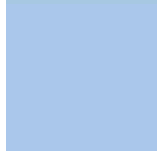
Original Color

186.7940, -58.3180, -11.3900



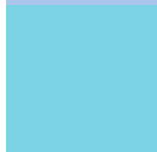
Protanomaly

193.0970, -28.0140, 1.0900



Deuteranomaly

194.4330, -28.8400, 5.0480



Tritanomaly

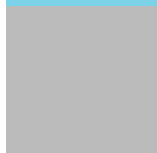
186.7400, -58.2260, -13.0580

Monochromacy



Original Color

186.7940, -58.3180, -11.3900



Achromatopsia

187.0000, -0.0000, -0.0000



Achromatomaly

186.6430, -21.0440, -4.0840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.7940, -58.3180, -11.3900 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(124, 210, 232)` looks like.

```
.text, #text, p{  
    color:rgb(124, 210, 232)  
}
```

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(124, 210, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 210, 232) }
```

Border

The CSS property to change the border of an element to YIQ 186.7940, -58.3180, -11.3900 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(124, 210, 232) }
```


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

```
.border{ border-color:rgb(124, 210, 232) }
```

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

Here you see how a box with a 4 pixel rgb(124, 210, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 210, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 210, 232);  
box-shadow:4px 4px 4px 4px rgb(124, 210,  
232) }
```

Background

The CSS property to change the background color of an element to YIQ 186.7940, -58.3180, -11.3900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 210, 232) }
```

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

```
.background{ background-color: rgb(124,  
210, 232) }
```

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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