

Converting Colors

YIQ(187.6480, -54.9710,
-11.4750)

Have a look what the booklet for
YIQ(187.6480, -54.9710, -11.4750)
contains.

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Color

**YIQ(187.6480, -54.9710,
-11.4750)**

Conversions

Conversions Part 1

Format	Color
Hex	80D2E5
RGB	128, 210, 229
RGB Percent	50%, 82%, 90%
CMY	0.4982, 0.1763, 0.1022
CMYK	0.44, 0.08, 0.00, 0.10
HSL	191°, 66%, 70%
HSV	191°, 44%, 90%
XYZ	46.0847, 56.3496, 82.5329
YIQ	187.6480, -54.9710, -11.4750

Conversions

Conversions Part 2

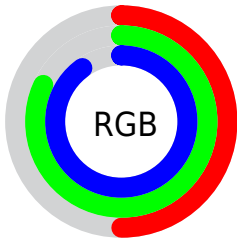
Format	Color
R_{YB}	128, 173, 229
Decimal	8442597
CIE _{Lab}	79.81, -20.18, -17.16
CIE _{LCh}	80, 26.491, 220.379
Yxy	56.3496, 0.2492, 0.3046
Android (android.graphics.Color)	4286632677 (0xFF80D2E5)
YUV	187.6480, 20.3865, -52.3113
Hunter-Lab	75.0664, -21.7815, -12.6408

Details

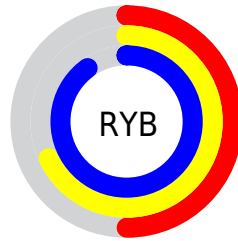
The YIQ color **187.6480, -54.9710, -11.4750** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **169.3520, 54.9710, 11.4750**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **234.0700, -41.7200, -14.8400**, and **131.7510, -56.7590, -12.1110** is the 20% darker color. If you saturate the color by 10%, you get **178.4230, -67.5790, -14.2590**, and if you desaturate by 10%, it is **196.8730, -42.3630, -8.6910**.

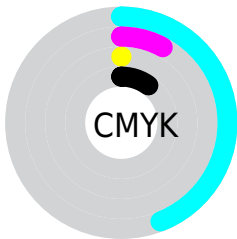
Distribution



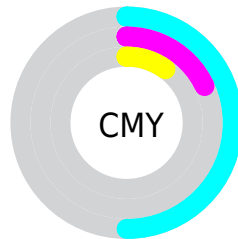
- Red (50%)
- Green (82%)
- Blue (90%)



- Red (50%)
- Yellow (68%)
- Blue (90%)



- Cyan (44%)
- Magenta (8%)
- Yellow (0%)
- Black (10%)



- Cyan (50%)
- Magenta (18%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.6480, -54.9710, -11.4750 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 187.6480, -54.9710, -11.4750 by changing the saturation by 10% instead.

■ 187.6480,
-54.9710, -11.4750

■ 187.6480,
-54.9710, -11.4750

■ 255.0000, -0.0000,
-0.0000

■ 159.3490,
-55.5670, -11.6870

■ 234.0700,
-41.7200, -14.8400

■ 131.6370,
-56.4380, -12.4220

■ 242.7410,
-24.4360, -8.6920

■ 103.5440,
-60.6100, -13.9060

■ 251.7110, -6.5560,
-2.3320

■ 74.8420, -67.4410,
-16.7610

■ 57.9040, -52.8160,
-11.9840

■ 41.0800, -38.5120,
-6.8960

■ 26.2450, -25.6750,

-2.7550

■ 4.4800, -9.8590,
7.9730

■ 0.0000, 0.0000,
0.0000

■ 187.6480,
-54.9710, -11.4750

■ 187.6480,
-54.9710, -11.4750

■ 178.4230,
-67.5790, -14.2590

■ 196.8730,
-42.3630, -8.6910

■ 168.6110,
-79.9120, -16.5200

■ 206.6850,
-30.0300, -6.4300

■ 159.3860,
-92.5200, -19.3040

■ 215.9100,
-17.4220, -3.6460

■ 150.1610,
-105.1280, -22.0880

■ 225.1350, -4.8140,
-0.8620

■ 140.9360,
-117.7360, -24.8720

■ 234.0610, 7.1980,
1.7100

■ 135.2880,
-124.6590, -26.0590

■ 240.8830, 13.5710,
1.8510

■ 243.2310, 12.4710,
-0.2410

■ 245.5790, 11.3710,
-2.3330

■ 248.5140, 9.9960,
-4.9480

Harmonies

Analogous

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



187.0970, -46.3500, -19.0380



187.6480, -54.9710, -11.4750



192.1040, -47.0870, -0.1670

Triad

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



187.6480, -54.9710, -11.4750



202.2070, 22.1870, 21.9230



195.6920, 20.8180, -13.8540

Complementary

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



187.6480, -54.9710, -11.4750



169.3520, 54.9710, 11.4750

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.



198.5140, 36.3590, -3.6490



187.6480, -54.9710, -11.4750



201.4720, 37.3180, 17.5260

Square

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



187.6480, -54.9710, -11.4750



201.5340, -0.7830, 19.7050



200.3010, 41.8130, 7.6450



192.9820, -0.7300, -19.8180

Rectangle

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



187.6480, -54.9710, -11.4750



195.7900, -34.1590, 7.8330



200.3010, 41.8130, 7.6450



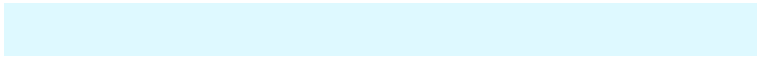
196.6220, 27.0070, -10.3770

Sweetspot

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



187.6480, -54.9710, -11.4750



241.6110, -18.0180, -3.8580



189.3390, -33.5530, -47.2250



119.3730, -11.4160, -2.3600



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.



187.6480, -54.9710, -11.4750



199.9600, -73.5850, -15.5450



158.2980, -41.2210, 14.6750



110.2380, -6.6020, -1.4980



105.5210, -97.3340, -20.1660



29.8810, -27.6460, -5.5820

Inverse Universe

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



167.5470, 33.8740, 46.9140



172.9050, 45.1500, 62.8300



198.7020, 41.2210, -14.6750



107.7280, 3.9420, 5.6540



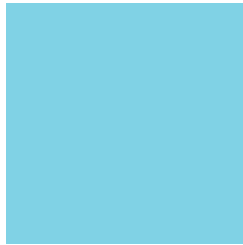
70.0510, 60.1390, 83.0430



19.9230, 17.2350, 23.5630

Previews

White Background



This preview shows how the YIQ color 187.6480, -54.9710, -11.4750 looks on a white background.

Color Contrast Check

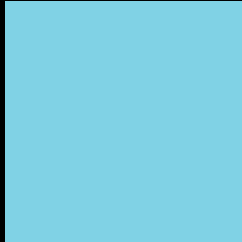
Large Text (above 18pt) WCAG AA × Fail

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 187.6480, -54.9710, -11.4750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

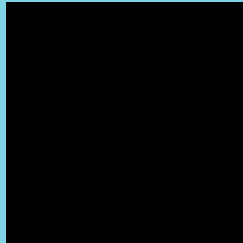
Any Text WCAG AA ✓ Pass

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 187.6480, -54.9710, -11.4750 Background



This preview shows how black text looks on a background with the YIQ color 187.6480, -54.9710, -11.4750.



This preview shows how white text looks on a background with the YIQ color 187.6480, -54.9710, -11.4750.

-11.4750.

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

187.6480, -54.9710, -11.4750

Protanopia

197.5510, -8.6210, 7.5630

Deuteranopia

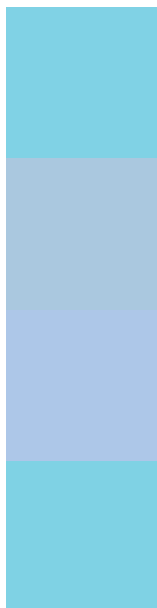
198.7670, -8.9890, 14.2350



Tritanopia

187.1210, -54.9250, -12.3090

Trichromacy



Original Color

187.6480, -54.9710, -11.4750

Protanomaly

193.6520, -25.2630, 0.7930

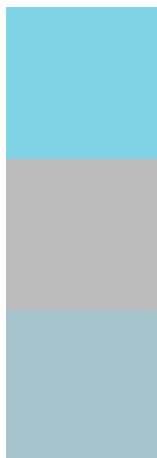
Deuteranomaly

194.9880, -26.0890, 4.7510

Tritanomaly

187.2350, -55.2460, -11.9980

Monochromacy



Original Color

187.6480, -54.9710, -11.4750

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.8280, -20.1270, -4.1830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.6480, -54.9710, -11.4750 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(128, 210, 229)` looks like.

```
.text, #text, p{  
    color:rgb(128, 210, 229)  
}
```

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(128, 210, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 210, 229) }
```

Border

The CSS property to change the border of an element to YIQ 187.6480, -54.9710, -11.4750 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(128, 210, 229) }
```


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

```
.border{ border-color:rgb(128, 210, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 210, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 210, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 210, 229);  
box-shadow:4px 4px 4px 4px rgb(128, 210,  
229) }
```

Background

The CSS property to change the background color of an element to YIQ 187.6480, -54.9710, -11.4750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 210, 229) }
```

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

```
.background{ background-color: rgb(128,  
210, 229) }
```

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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