

Converting Colors

YIQ(110.4560, -63.1780,
-11.4180)

Have a look what the booklet for
YIQ(110.4560, -63.1780, -11.4180)
contains.

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Color

**YIQ(110.4560, -63.1780,
-11.4180)**

Conversions

Conversions Part 1

Format	Color
Hex	2B87A1
RGB	43, 135, 161
RGB Percent	17%, 53%, 63%
CMY	0.8315, 0.4704, 0.3689
CMYK	0.73, 0.16, 0.00, 0.37
HSL	193°, 58%, 40%
HSV	193°, 73%, 63%
XYZ	16.0904, 20.4220, 36.7801
YIQ	110.4560, -63.1780, -11.4180

Conversions

Conversions Part 2

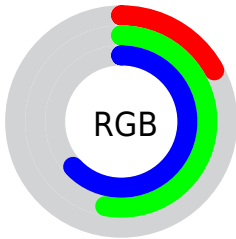
Format	Color
R_{YB}	43, 95, 161
Decimal	2852769
CIE _{Lab}	52.31, -17.85, -21.51
CIE _{LCh}	52, 27.951, 230.317
Yxy	20.4220, 0.2195, 0.2786
Android (android.graphics.Color)	4281042849 (0xFF2B87A1)
YUV	110.4560, 24.9182, -59.1589
Hunter-Lab	45.1907, -15.5278, -16.6218

Details

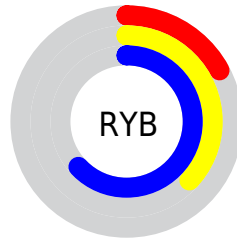
The YIQ color **110.4560, -63.1780, -11.4180** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **93.5440, 63.1780, 11.4180**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.3750, -58.4560, -8.8880**, and **62.3210, -58.3640, -10.5560** is the 20% darker color. If you saturate the color by 10%, you get **103.9110, -71.8890, -13.2410**, and if you desaturate by 10%, it is **117.5880, -54.7420, -10.1180**.

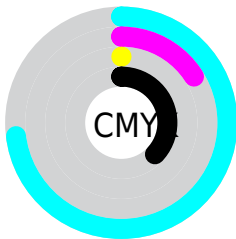
Distribution



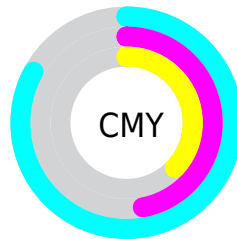
- Red (17%)
- Green (53%)
- Blue (63%)



- Red (17%)
- Yellow (37%)
- Blue (63%)



- Cyan (73%)
- Magenta (16%)
- Yellow (0%)
- Black (37%)



- Cyan (83%)
- Magenta (47%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 110.4560, -63.1780, -11.4180 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 110.4560, -63.1780, -11.4180 by changing the saturation by 10% instead.

■ 110.4560,
-63.1780, -11.4180

■ 110.4560,
-63.1780, -11.4180

■ 255.0000, -0.0000,
-0.0000

■ 79.9600, -73.5850,
-15.5450

■ 166.3750,
-58.4560, -8.8880

■ 62.3210, -58.3640,
-10.5560

■ 194.6740,
-57.8600, -8.6760

■ 46.0840, -44.3350,
-5.9910

■ 221.6220,
-52.0820, -14.2740

■ 30.5480, -30.9020,
-1.6380

■ 236.1630,
-37.5480, -13.3560

■ 14.5390, -17.5150,
3.5490

■ 245.1330,
-19.6680, -6.9960

■ 2.6390, -6.0530,
5.0750

■ 253.8040, -2.3840,

■ 0.0000, 0.0000,

-0.8480

0.0000

■ 110.4560,
-63.1780, -11.4180

■ 110.4560,
-63.1780, -11.4180

■ 103.9110,
-71.8890, -13.2410

■ 117.5880,
-54.7420, -10.1180

■ 96.7790, -80.3250,
-14.5410

■ 124.1330,
-46.0310, -8.2950

■ 92.3160, -86.3310,
-15.8270

■ 131.2650,
-37.5950, -6.9950

■ 137.8100,
-28.8840, -5.1720

■ 144.9420,
-20.4480, -3.8720

■ 151.7860,
-11.1410, -1.8370

■ 158.9180, -2.7050,
-0.5370

■ 165.4630, 6.0060,
1.2860

■ 172.5950, 14.4420,
2.5860

Harmonies

Analogous

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



109.0400, -59.3710, -19.8430



110.4560, -63.1780, -11.4180



118.6530, -44.1990, 2.5610

Triad

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



110.4560, -63.1780, -11.4180



128.0180, 27.0930, 21.1170



121.2180, 13.3450, -16.0870

Complementary

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



110.4560, -63.1780, -11.4180



93.5440, 63.1780, 11.4180

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.



124.1710, 29.8950, -7.6490



110.4560, -63.1780, -11.4180



126.6630, 38.0980, 14.4020

Square

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



110.4560, -63.1780, -11.4180



128.3670, 7.0570, 20.7930



125.8120, 38.6960, 3.5600



118.2630, -8.8910, -20.5950

Rectangle

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



110.4560, -63.1780, -11.4180



123.4920, -27.3280, 10.6880



125.8120, 38.6960, 3.5600



122.5070, 19.9010, -13.7550

Sweetspot

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



110.4560, -63.1780, -11.4180



189.3760, -24.6660, -4.5220



115.2300, -40.7960, -53.6280



93.1060, -15.0380, -2.7980



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



110.4560, -63.1780, -11.4180



130.5040, -98.6640, -18.0880



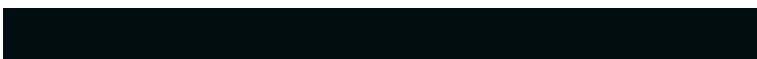
75.8230, -46.9530, 19.4390



78.1350, -4.8140, -0.8620



82.8610, -77.6200, -14.0040



10.2700, -9.6280, -1.7240

Inverse Universe

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



88.7700, 40.7960, 53.6280



96.4320, 63.4400, 83.7920



128.1770, 46.9530, -19.4390



76.4890, 3.1170, 4.0850



56.2370, 50.1470, 65.8830



6.9780, 6.2340, 8.1700

Previews

White Background



This preview shows how the YIQ color 110.4560, -63.1780, -11.4180 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 110.4560, -63.1780, -11.4180 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 × Fail

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

YIQ 110.4560, -63.1780, -11.4180 Background



This preview shows how black text looks on a background with the YIQ color 110.4560, -63.1780, -11.4180.

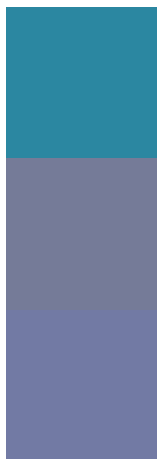


This preview shows how white text looks on a background with the YIQ color 110.4560, -63.1780, -11.4180.

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

110.4560, -63.1780, -11.4180

Protanopia

124.5120, -12.8850, 7.7470

Deuteranopia

124.3960, -18.2500, 11.3660



Tritanopia

107.1580, -65.5150, -18.6270

Trichromacy



Original Color

110.4560, -63.1780, -11.4180

Protanomaly

119.1290, -31.0400, 0.8640

Deuteranomaly

119.4430, -34.8000, 2.9280

Tritanomaly

108.3370, -64.4610, -15.7010

Monochromacy



Original Color

110.4560, -63.1780, -11.4180

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.2730, -22.8780, -3.8860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.4560, -63.1780, -11.4180 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(43, 135, 161)` looks like.

```
.text, #text, p{  
    color:rgb(43, 135, 161)  
}
```

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(43, 135, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 135, 161) }
```

Border

The CSS property to change the border of an element to YIQ 110.4560, -63.1780, -11.4180 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

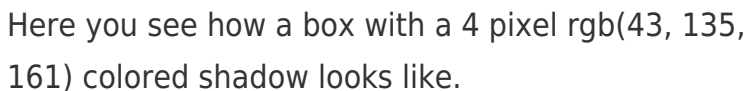
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(43, 135, 161) }
```


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

```
.border{ border-color:rgb(43, 135, 161) }
```

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



Here you see how a box with a 4 pixel `rgb(43, 135, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(43, 135, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(43, 135, 161); box-shadow:4px 4px 4px 4px rgb(43, 135, 161) }
```

Background

The CSS property to change the background color of an element to YIQ 110.4560, -63.1780, -11.4180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 135, 161) }
```

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

```
.background{ background-color: rgb(43, 135,  
161) }
```

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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