

Converting Colors

YIQ(124.3540, -63.1310,
-17.7790)

Have a look what the booklet for
YIQ(124.3540, -63.1310, -17.7790)
contains.

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Color

**YIQ(124.3540, -63.1310,
-17.7790)**

Conversions

Conversions Part 1

Format	Color
Hex	3599A4
RGB	53, 153, 164
RGB Percent	21%, 60%, 64%
CMY	0.7924, 0.3998, 0.3571
CMYK	0.68, 0.07, 0.00, 0.36
HSL	186°, 51%, 43%
HSV	186°, 68%, 64%
XYZ	19.5581, 26.2295, 39.1227
YIQ	124.3540, -63.1310, -17.7790

Conversions

Conversions Part 2

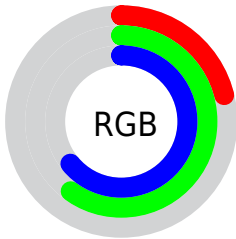
Format	Color
R_{YB}	53, 106, 164
Decimal	3512740
CIE _{Lab}	58.25, -24.87, -14.16
CIE _{LCh}	58, 28.621, 209.653
Yxy	26.2295, 0.2303, 0.3089
Android (android.graphics.Color)	4281702820 (0xFF3599A4)
YUV	124.3540, 19.5455, -62.5775
Hunter-Lab	51.2147, -21.4594, -9.4410

Details

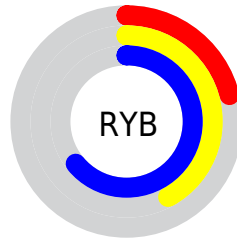
The YIQ color **124.3540, -63.1310, -17.7790** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **92.6460, 63.1310, 17.7790**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **181.1480, -59.5550, -16.5070**, and **72.6420, -64.0020, -18.5140** is the 20% darker color. If you saturate the color by 10%, you get **118.3960, -72.1170, -20.1250**, and if you desaturate by 10%, it is **130.3120, -54.1450, -15.4330**.

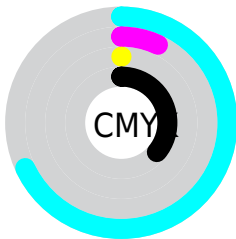
Distribution



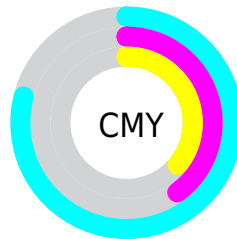
- Red (21%)
- Green (60%)
- Blue (64%)



- Red (21%)
- Yellow (42%)
- Blue (64%)



- Cyan (68%)
- Magenta (7%)
- Yellow (0%)
- Black (36%)





- Cyan (79%)
- Magenta (40%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 124.3540, -63.1310, -17.7790 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 124.3540, -63.1310, -17.7790 by changing the saturation by 10% instead.


 124.3540,
-63.1310, -17.7790


 124.3540,
-63.1310, -17.7790


 255.0000, -0.0000,
-0.0000


 91.4770, -76.8390,
-22.6550


 181.1480,
-59.5550, -16.5070


 72.6420, -64.0020,
-18.5140


 209.4470,
-58.9590, -16.2950


 55.2310, -49.4230,
-12.9030


 230.1830,
-49.4680, -17.5960

 38.9940, -35.3940,
-8.3380

 238.8540,
-32.1840, -11.4480

 24.7460, -22.8320,
-4.7200

 247.8240,
-14.3040, -5.0880

 3.0950, -7.3370,
6.3190

 0.0000, 0.0000,

0.0000

■ 124.3540,
-63.1310, -17.7790

■ 124.3540,
-63.1310, -17.7790

■ 118.3960,
-72.1170, -20.1250

■ 130.3120,
-54.1450, -15.4330

■ 112.7260,
-81.9740, -23.2060

■ 135.9820,
-44.2880, -12.3520

■ 106.7680,
-90.9600, -25.5520

■ 141.9400,
-35.3020, -10.0060

■ 105.5720,
-93.3440, -26.4000

■ 147.6100,
-25.4450, -6.9250

■ 153.5680,
-16.4590, -4.5790

■ 159.5260, -7.4730,
-2.2330

■ 165.1960, 2.3840,
0.8480

■ 171.1540, 11.3700,
3.1940

■ 177.1120, 20.3560,
5.5400

Harmonies

Analogous

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



127.7720, -44.0570, -22.0490



124.3540, -63.1310, -17.7790



128.6570, -59.1900, -6.5980

Triad

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



124.3540, -63.1310, -17.7790



143.7270, 14.8510, 22.7150



138.2090, 26.7320, -10.9000

Complementary

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



124.3540, -63.1310, -17.7790



92.6460, 63.1310, 17.7790

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.



140.7040, 38.8800, 0.2240



124.3540, -63.1310, -17.7790



143.0140, 32.9160, 20.2120

Square

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



124.3540, -63.1310, -17.7790



142.3910, -10.6860, 17.4580



141.9360, 41.5830, 11.8150



135.8150, 7.1100, -18.7300

Rectangle

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



124.3540, -63.1310, -17.7790



134.1690, -45.7120, 2.4480



141.9360, 41.5830, 11.8150



139.5410, 31.7290, -7.8470

Sweetspot

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



124.3540, -63.1310, -17.7790



198.7950, -24.5280, -7.0240



119.1830, -33.4140, -55.2540



98.0520, -14.9460, -4.4660



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



124.3540, -63.1310, -17.7790



152.2940, -98.4330, -27.7850



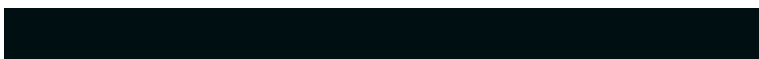
92.6560, -48.2810, 10.4630



78.7220, -5.0890, -1.3850



93.4270, -82.5700, -23.4180



11.4440, -10.1780, -2.7700

Inverse Universe

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



97.5890, 34.0560, 54.6320



110.5110, 53.0320, 85.1920



124.3440, 48.2810, -10.4630



76.6030, 2.7960, 4.3960



58.2890, 44.3690, 71.4810



7.2060, 5.5920, 8.7920

Previews

White Background



This preview shows how the YIQ color 124.3540, -63.1310, -17.7790 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 124.3540, -63.1310, -17.7790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

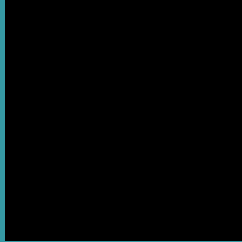
Any Text WCAG AA ✓ Pass

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 124.3540, -63.1310, -17.7790 Background



This preview shows how black text looks on a background with the YIQ color 124.3540, -63.1310, -17.7790.



This preview shows how white text looks on a background with the YIQ color 124.3540, -63.1310, -17.7790.

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

124.3540, -63.1310, -17.7790

Protanopia

139.5250, -5.7320, 4.7640

Deuteranopia

140.5450, -8.4840, 10.5880



Tritanopia

124.7670, -62.8560, -17.2560

Trichromacy



Original Color

124.3540, -63.1310, -17.7790

Protanomaly

133.6470, -26.8670, -3.1790

Deuteranomaly

134.6840, -28.2890, 0.5670

Tritanomaly

124.7670, -62.8560, -17.2560

Monochromacy



Original Color

124.3540, -63.1310, -17.7790

Achromatopsia

124.0000, -0.0000, -0.0000

Achromatomaly

124.3930, -23.3360, -6.6000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.3540, -63.1310, -17.7790 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(53, 153, 164)` looks like.

```
.text, #text, p{  
    color:rgb(53, 153, 164)  
}
```

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(53, 153, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 153, 164) }
```

Border

The CSS property to change the border of an element to YIQ 124.3540, -63.1310, -17.7790 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(53, 153, 164) }
```


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

```
.border{ border-color:rgb(53, 153, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 153, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 153, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 153, 164);  
box-shadow:4px 4px 4px 4px rgb(53, 153,  
164) }
```

Background

The CSS property to change the background color of an element to YIQ 124.3540, -63.1310, -17.7790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 153, 164) }
```

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

```
.background{ background-color: rgb(53, 153,  
164) }
```

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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