

Converting Colors

YIQ(157.3520, -95.1800,
-15.1480)

Have a look what the booklet for
YIQ(157.3520, -95.1800, -15.1480)
contains.

YIQ(157.3520, -95.1800, -15.1480)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(157.3520, -95.1800,
-15.1480)**

Conversions

Conversions Part 1

Format	Color
Hex	39C1ED
RGB	57, 193, 237
RGB Percent	22%, 76%, 93%
CMY	0.7767, 0.2429, 0.0710
CMYK	0.76, 0.19, 0.00, 0.07
HSL	195°, 83%, 58%
HSV	195°, 76%, 93%
XYZ	36.0364, 45.1412, 86.8541
YIQ	157.3520, -95.1800, -15.1480

Conversions

Conversions Part 2

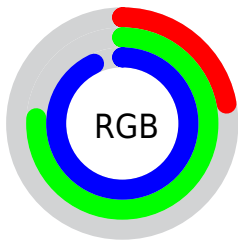
Format	Color
RYB	57, 134, 237
Decimal	3785197
CIELab	72.98, -21.67, -32.06
CIElCh	73, 38.698, 235.947
Yxy	45.1412, 0.2145, 0.2686
Android (android.graphics.Color)	4281975277 (0xFF39C1ED)
YUV	157.3520, 39.2665, -88.0087
Hunter-Lab	67.1872, -21.8377, -29.6143

Details

The YIQ color **157.3520, -95.1800, -15.1480** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **136.6480, 95.1800, 15.1480**, and the grayscale version is **157.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **214.3910, -73.7210, -24.0970**, and **102.2270, -96.3260, -16.4060** is the 20% darker color. If you saturate the color by 10%, you get **146.6540, -107.8340, -17.0980**, and if you desaturate by 10%, it is **168.0500, -82.5260, -13.1980**.

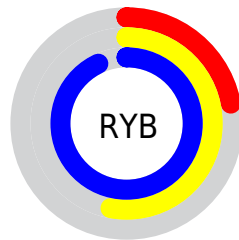
Distribution



Red (22%)

Green (76%)

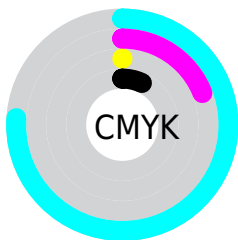
Blue (93%)



Red (22%)

Yellow (53%)

Blue (93%)

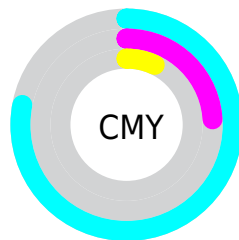


Cyan (76%)

Magenta (19%)

Yellow (0%)

Black (7%)



Cyan (78%)

Magenta (24%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 157.3520, -95.1800, -15.1480 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 157.3520, -95.1800, -15.1480 by changing the saturation by 10% instead.

■ 157.3520,
-95.1800, -15.1480

■ 157.3520,
-95.1800, -15.1480

■ 255.0000, -0.0000,
-0.0000

■ 121.2680,
-112.7390, -21.8190

■ 214.3910,
-73.7210, -24.0970

■ 102.2270,
-96.3260, -16.4060

■ 226.8940,
-56.0240, -19.9280

■ 84.4740, -80.7840,
-11.7280

■ 236.1630,
-37.5480, -13.3560

■ 66.8350, -65.5630,
-6.7390

■ 245.4320,
-19.0720, -6.7840

■ 49.8970, -50.9380,
-1.9620

■ 254.7010, -0.5960,
-0.2120

■ 34.1330, -36.8630,
1.7690

■ 18.5970, -23.4300,

6.1220

■ 4.9360, -11.1430,
9.2170

■ 0.7980, -2.2470,
2.1770

■ 157.3520,
-95.1800, -15.1480

■ 157.3520,
-95.1800, -15.1480

■ 146.6540,
-107.8340, -17.0980

■ 168.0500,
-82.5260, -13.1980

■ 136.8420,
-120.1670, -19.3590

■ 178.4490,
-70.4680, -11.4600

■ 132.0910,
-125.3020, -19.9100

■ 188.5600,
-57.5390, -8.9870

■ 199.2580,
-44.8850, -7.0370

■ 209.6570,
-32.8270, -5.2990

■ 220.3550,
-20.1730, -3.3490

■ 230.4660, -7.2440,
-0.8760

■ 240.8650, 4.8140,
0.8620

■ 247.0780, 8.5280,
-0.3680

Harmonies

Analogous

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



150.2180, -101.2750, -31.3470



157.3520, -95.1800, -15.1480



172.2740, -59.0090, 6.6470

Triad

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



157.3520, -95.1800, -15.1480



183.2700, 44.2390, 29.7670



173.3070, 14.1720, -25.5720

Complementary

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



157.3520, -95.1800, -15.1480



136.6480, 95.1800, 15.1480

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.



176.9300, 40.5790, -14.0530



157.3520, -95.1800, -15.1480



181.6500, 57.3080, 18.6840

Square

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



157.3520, -95.1800, -15.1480



183.7800, 16.5000, 31.3800



179.5550, 55.4770, 2.3010



168.1810, -20.7640, -31.1960

Rectangle

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



157.3520, -95.1800, -15.1480



179.0110, -32.9230, 18.4770



179.5550, 55.4770, 2.3010



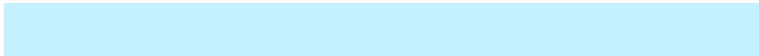
174.9770, 24.0290, -22.4910

Sweetspot

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



157.3520, -95.1800, -15.1480



229.1410, -31.3140, -5.1860



167.4480, -62.9820, -81.0780



111.9530, -18.9810, -2.9250



0.0000, 0.0000, 0.0000



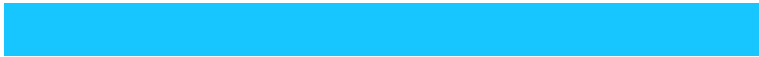
128.0000, -0.0000, -0.0000

Same Dimension

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



157.3520, -95.1800, -15.1480



152.1730, -122.5970, -19.3730



105.6960, -70.9800, 30.8760



111.9500, -5.7310, -0.7630



101.0530, -95.7760, -15.3600



30.2230, -28.6090, -4.6490

Inverse Universe

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



126.3240, 63.6240, 80.4560



112.3180, 82.0970, 103.6090



188.3040, 70.9800, -30.8760



110.2010, 3.9880, 4.8200



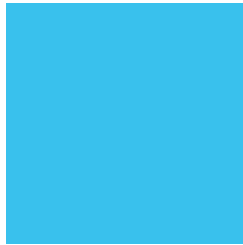
69.7370, 63.8990, 80.9790



20.8200, 19.0230, 24.1990

Previews

White Background



This preview shows how the YIQ color 157.3520, -95.1800, -15.1480 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 157.3520, -95.1800, -15.1480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

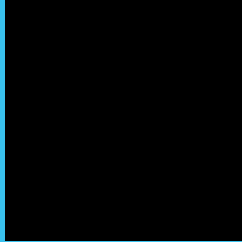
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

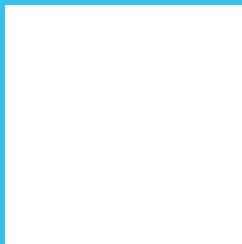
Any Text WCAG AAA ✓ Pass

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

YIQ 157.3520, -95.1800, -15.1480 Background



This preview shows how black text looks on a background with the YIQ color 157.3520, -95.1800, -15.1480.



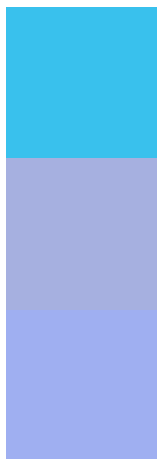
This preview shows how white text looks on a background with the YIQ color 157.3520, -95.1800, -15.1480.

-15.1480.

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

157.3520, -95.1800, -15.1480

Protanopia

178.4820, -21.3680, 12.8080

Deuteranopia

177.7400, -30.7220, 17.1340



Tritanopia

149.7880, -102.8800, -29.7920

Trichromacy



Original Color

157.3520, -95.1800, -15.1480

Protanomaly

170.6140, -48.4630, 2.7450

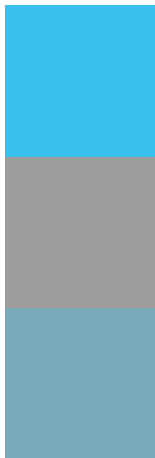
Deuteranomaly

170.6720, -54.3780, 5.3180

Tritanomaly

152.9180, -100.1300, -24.5620

Monochromacy



Original Color

157.3520, -95.1800, -15.1480

Achromatopsia

157.0000, 0.0000, -0.0000

Achromatomaly

157.1730, -34.3400, -5.4120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 157.3520, -95.1800, -15.1480 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(57, 193, 237)` looks like.

```
.text, #text, p{  
    color:rgb(57, 193, 237)  
}
```

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(57, 193, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 193, 237) }
```

Border

The CSS property to change the border of an element to YIQ 157.3520, -95.1800, -15.1480 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(57, 193, 237) }
```


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

```
.border{ border-color:rgb(57, 193, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 193, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 193, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 193, 237);  
box-shadow:4px 4px 4px 4px rgb(57, 193,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 157.3520, -95.1800, -15.1480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 193, 237) }
```

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

```
.background{ background-color: rgb(57, 193,  
237) }
```

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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