

Converting Colors

YIQ(147.9500, -58.4570,
-3.3610)

Have a look what the booklet for
YIQ(147.9500, -58.4570, -3.3610)
contains.

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Color

**YIQ(147.9500, -58.4570,
-3.3610)**

Conversions

Conversions Part 1

Format	Color
Hex	5AA6CF
RGB	90, 166, 207
RGB Percent	35%, 65%, 81%
CMY	0.6472, 0.3489, 0.1885
CMYK	0.57, 0.20, 0.00, 0.19
HSL	201°, 55%, 58%
HSV	201°, 57%, 81%
XYZ	29.1089, 33.9575, 64.0086
YIQ	147.9500, -58.4570, -3.3610

Conversions

Conversions Part 2

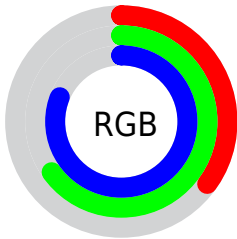
Format	Color
RYB	90, 136, 207
Decimal	5940943
CIELab	64.93, -11.80, -28.01
CIELCh	65, 30.395, 247.149
Yxy	33.9575, 0.2291, 0.2672
Android (android.graphics.Color)	4284131023 (0xFF5AA6CF)
YUV	147.9500, 29.1117, -50.8221
Hunter-Lab	58.2730, -12.8124, -24.3346

Details

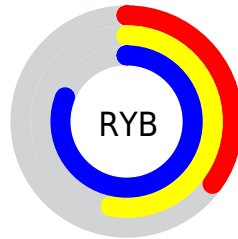
The YIQ color **147.9500, -58.4570, -3.3610** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **149.0500, 58.4570, 3.3610**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **203.0490, -54.4220, -4.9020**, and **89.7420, -69.7350, -8.2230** is the 20% darker color. If you saturate the color by 10%, you get **137.5620, -69.0480, -4.1520**, and if you desaturate by 10%, it is **158.3380, -47.8660, -2.5700**.

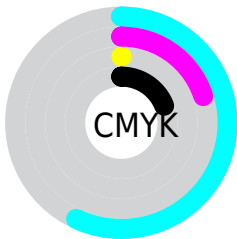
Distribution



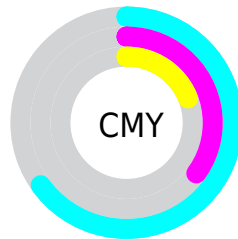
- Red (35%)
- Green (65%)
- Blue (81%)



- Red (35%)
- Yellow (53%)
- Blue (81%)



- Cyan (57%)
- Magenta (20%)
- Yellow (0%)
- Black (19%)



- Cyan (65%)
- Magenta (35%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 147.9500, -58.4570, -3.3610 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 147.9500, -58.4570, -3.3610 by changing the saturation by 10% instead.

■ 147.9500,
-58.4570, -3.3610

■ 147.9500,
-58.4570, -3.3610

■ 255.0000, -0.0000,
-0.0000

■ 120.2270,
-60.7950, -5.0430

■ 203.0490,
-54.4220, -4.9020

■ 89.6280, -69.4140,
-8.5340

■ 228.7430,
-45.1130, -13.9210

■ 67.1940, -65.1960,
-7.8840

■ 240.3490,
-29.2040, -10.3880

■ 50.2560, -50.5710,
-3.1070

■ 249.3190,
-11.3240, -4.0280

■ 34.6060, -36.8170,
0.9350

■ 20.8310, -24.2090,
3.7190

■ 4.8220, -10.8220,

8.9060

■ 0.5700, -1.6050,
1.5550

■ 0.0000, 0.0000,
0.0000

■ 147.9500,
-58.4570, -3.3610

■ 147.9500,
-58.4570, -3.3610

■ 137.5620,
-69.0480, -4.1520

■ 158.3380,
-47.8660, -2.5700

■ 127.4730,
-79.0430, -4.7310

■ 169.0140,
-38.1460, -2.5140

■ 116.4980,
-89.3590, -4.9990

■ 179.4020,
-27.5550, -1.7230

■ 106.1100,
-99.9500, -5.7900

■ 189.7900,
-16.9640, -0.9320

■ 102.8430,
-103.5720, -6.2280

■ 199.8790, -6.9690,
-0.3530

■ 210.2670, 3.6220,
0.4380

■ 221.2420, 13.9380,
0.7060

■ 231.3310, 23.9330,
1.2850

■ 235.4400, 22.0080,
-2.3760

Harmonies

Analogous

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



141.6570, -68.3580, -16.6620



147.9500, -58.4570, -3.3610



155.9690, -33.1050, 10.7590

Triad

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



147.9500, -58.4570, -3.3610



160.8360, 39.2890, 20.3530



152.1840, 1.5170, -21.9950

Complementary

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



147.9500, -58.4570, -3.3610



149.0500, 58.4570, 3.3610

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.



155.3180, 24.8070, -14.5610



147.9500, -58.4570, -3.3610



159.6220, 45.3430, 9.7510

Square

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



147.9500, -58.4570, -3.3610



161.4890, 21.4530, 24.2130



157.7810, 39.9810, -3.2110



148.1730, -26.3130, -24.2410

Rectangle

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



147.9500, -58.4570, -3.3610



159.3630, -13.4830, 18.5890



157.7810, 39.9810, -3.2110



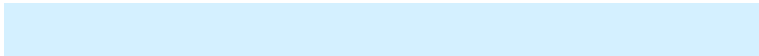
153.1420, 10.5030, -19.6490

Sweetspot

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



147.9500, -58.4570, -3.3610



233.3380, -21.5030, -1.2710



163.1250, -44.6940, -49.0620



114.9430, -13.0210, -0.8050



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.



147.9500, -58.4570, -3.3610



167.4660, -86.3330, -4.7730



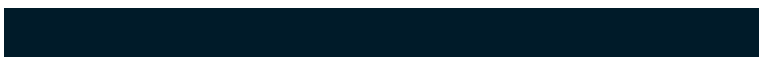
114.4910, -42.7820, 26.4500



99.3630, -5.4560, -0.2400



83.1350, -83.9030, -4.7590



20.5230, -20.5860, -1.3700

Inverse Universe

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



133.6470, 45.3360, 48.4400



146.4950, 67.1560, 71.5080



181.9220, 43.0570, -25.9270



98.0870, 4.3090, 4.5090



62.6580, 65.1390, 69.5150



15.3370, 15.7690, 17.0890

Previews

White Background



This preview shows how the YIQ color 147.9500, -58.4570, -3.3610 looks on a white background.

Color Contrast Check

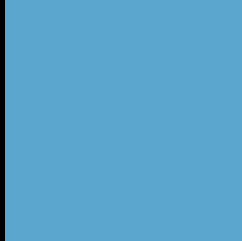
Large Text (above 18pt) WCAG AA × Fail

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 147.9500, -58.4570, -3.3610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

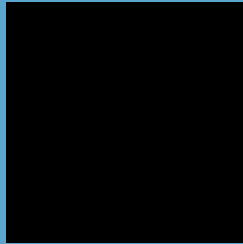
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 147.9500, -58.4570, -3.3610

Background



This preview shows how black text looks on a background with the YIQ color 147.9500, -58.4570, -3.3610.



This preview shows how white text looks on a background with the YIQ color 147.9500, -58.4570, -3.3610.

-3.3610.

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

147.9500, -58.4570, -3.3610

Protanopia

157.3250, -19.4880, 11.7760

Deuteranopia

157.0950, -24.5320, 15.0840



Tritanopia

144.9850, -57.5380, -14.5140

Trichromacy



Original Color

147.9500, -58.4570, -3.3610

Protanomaly

154.0350, -33.4710, 6.3770

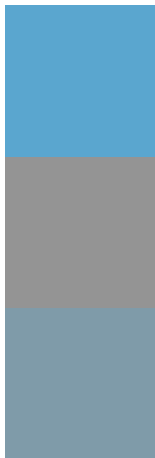
Deuteranomaly

153.6480, -36.6350, 8.6530

Tritanomaly

146.2070, -58.0430, -10.8670

Monochromacy



Original Color

147.9500, -58.4570, -3.3610

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

148.2240, -21.1820, -1.5820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.9500, -58.4570, -3.3610 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(90, 166, 207)` looks like.

```
.text, #text, p{  
    color:rgb(90, 166, 207)  
}
```

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(90, 166, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 166, 207) }
```

Border

The CSS property to change the border of an element to YIQ 147.9500, -58.4570, -3.3610 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(90, 166, 207) }
```


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

```
.border{ border-color:rgb(90, 166, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 166, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 166, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 166, 207);  
box-shadow:4px 4px 4px 4px rgb(90, 166,  
207) }
```

Background

The CSS property to change the background color of an element to YIQ 147.9500, -58.4570, -3.3610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 166, 207) }
```

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

```
.background{ background-color: rgb(90, 166,  
207) }
```

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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