

Converting Colors

YIQ(150.2990, -61.2980,
-12.4500)

Have a look what the booklet for
YIQ(150.2990, -61.2980, -12.4500)
contains.

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Color

**YIQ(150.2990, -61.2980,
-12.4500)**

Conversions

Conversions Part 1

Format	Color
Hex	54AFC5
RGB	84, 175, 197
RGB Percent	33%, 69%, 77%
CMY	0.6708, 0.3136, 0.2277
CMYK	0.57, 0.11, 0.00, 0.23
HSL	192°, 49%, 55%
HSV	192°, 57%, 77%
XYZ	29.0594, 36.5855, 58.3136
YIQ	150.2990, -61.2980, -12.4500

Conversions

Conversions Part 2

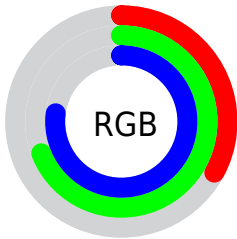
Format	Color
R _Y B	84, 134, 197
Decimal	5550021
CIE Lab	66.96, -20.77, -19.37
CIE LCh	67, 28.404, 223.009
Yxy	36.5855, 0.2344, 0.2951
Android (android.graphics.Color)	4283740101 (0xFF54AFC5)
YUV	150.2990, 23.0236, -58.1442
Hunter-Lab	60.4859, -20.0932, -14.8204

Details

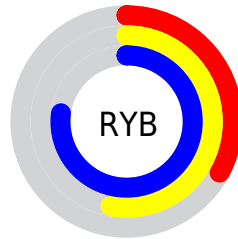
The YIQ color **150.2990, -61.2980, -12.4500** is a light color, and the websafe version is hex **339999**. The color can be described as light muted azure. A complement of this color would be **130.7010, 61.2980, 12.4500**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **207.3100, -59.8310, -11.5030**, and **87.9160, -79.4530, -19.3330** is the 20% darker color. If you saturate the color by 10%, you get **141.9710, -72.1180, -14.5980**, and if you desaturate by 10%, it is **158.6270, -50.4780, -10.3020**.

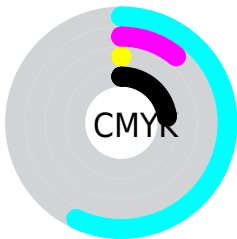
Distribution



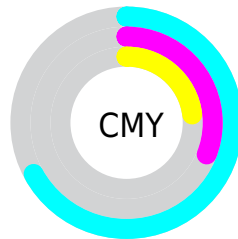
- Red (33%)
- Green (69%)
- Blue (77%)



- Red (33%)
- Yellow (53%)
- Blue (77%)



- Cyan (57%)
- Magenta (11%)
- Yellow (0%)
- Black (23%)



- Cyan (67%)
- Magenta (31%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 150.2990, -61.2980, -12.4500 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 150.2990, -61.2980, -12.4500 by changing the saturation by 10% instead.

■ 150.2990,
-61.2980, -12.4500

■ 150.2990,
-61.2980, -12.4500

■ 255.0000, -0.0000,
-0.0000

■ 121.8040,
-64.2780, -13.5100

■ 207.0110,
-60.4270, -11.7150

■ 87.9160, -79.4530,
-19.3330

■ 229.8840,
-50.0640, -17.8080

■ 70.2770, -64.2320,
-14.3440

■ 238.8540,
-32.1840, -11.4480

■ 53.4530, -49.9280,
-9.2560

■ 247.5250,
-14.9000, -5.3000

■ 37.2160, -35.8990,
-4.6910

■ 23.5550, -23.6120,
-1.5960

■ 3.5510, -8.6210,

7.5630

■ 0.0000, 0.0000,
0.0000

■ 150.2990,
-61.2980, -12.4500

■ 150.2990,
-61.2980, -12.4500

■ 141.9710,
-72.1180, -14.5980

■ 158.6270,
-50.4780, -10.3020

■ 133.9420,
-82.3420, -16.5340

■ 166.6560,
-40.2540, -8.3660

■ 126.2010,
-93.4370, -19.2050

■ 174.3970,
-29.1590, -5.6950

■ 117.8730,
-104.2570, -21.3530

■ 182.7250,
-18.3390, -3.5470

■ 115.7910,
-106.9620, -21.8900

■ 190.7540, -8.1150,
-1.6110

■ 199.0820, 2.7050,
0.5370

■ 207.4100, 13.5250,
2.6850

■ 215.7380, 24.3450,
4.8330

■ 221.3860, 31.2680,
6.0200

Harmonies

Analogous

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



149.7480, -52.6770, -20.0130



150.2990, -61.2980, -12.4500



156.4350, -49.5170, -0.1810

Triad

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



150.2990, -61.2980, -12.4500



167.1040, 23.9750, 22.5590



160.5670, 19.6720, -15.1120

Complementary

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



150.2990, -61.2980, -12.4500



130.7010, 61.2980, 12.4500

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.



162.6880, 35.8090, -4.6950



150.2990, -61.2980, -12.4500



165.9560, 38.8310, 17.6390

Square

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



150.2990, -61.2980, -12.4500



166.7300, 1.6010, 20.5530



164.3720, 43.0510, 7.2350



157.3730, -3.3890, -21.1890

Rectangle

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



150.2990, -61.2980, -12.4500



160.7300, -33.9300, 9.1900



164.3720, 43.0510, 7.2350



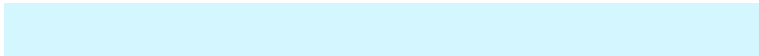
161.3830, 26.1820, -11.9460

Sweetspot

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



150.2990, -61.2980, -12.4500



237.4470, -23.4280, -4.9320



152.7250, -37.8160, -52.5680



117.2910, -14.1210, -2.8970



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.



150.2990, -61.2980, -12.4500



182.4180, -95.5460, -19.5300



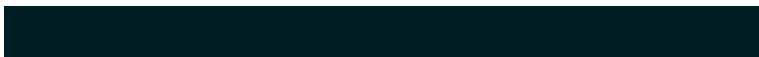
118.0140, -46.1730, 16.3150



95.7220, -5.0890, -1.3850



96.0660, -88.6230, -18.3430



21.1270, -19.5310, -3.9710

Inverse Universe

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



128.1610, 38.1370, 52.2570



147.8120, 59.3140, 81.4740



162.9860, 46.1730, -16.3150



93.6030, 2.7960, 4.3960



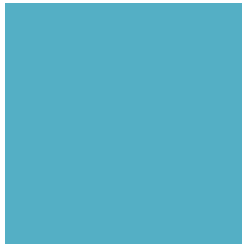
63.7850, 54.7760, 75.6080



14.0700, 12.1470, 16.6510

Previews

White Background



This preview shows how the YIQ color 150.2990, -61.2980, -12.4500 looks on a white background.

Color Contrast Check

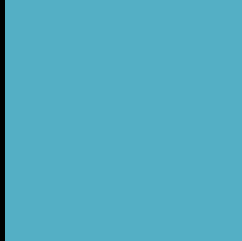
Large Text (above 18pt) WCAG AA × Fail

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 150.2990, -61.2980, -12.4500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

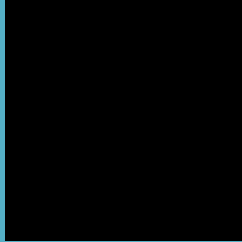
Any Text WCAG AA ✓ Pass

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 150.2990, -61.2980, -12.4500 Background



This preview shows how black text looks on a background with the YIQ color 150.2990, -61.2980, -12.4500.



This preview shows how white text looks on a background with the YIQ color 150.2990, -61.2980, -12.4500.

-12.4500.

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

150.2990, -61.2980, -12.4500

Protanopia

162.7680, -10.7300, 7.2380

Deuteranopia

163.4890, -14.0780, 12.8500



Tritanopia

149.1910, -61.1140, -15.7860

Trichromacy



Original Color

150.2990, -61.2980, -12.4500

Protanomaly

158.0860, -29.4810, 0.1430

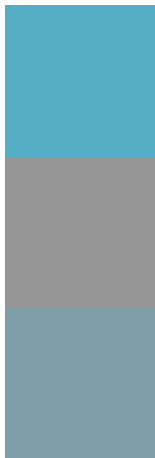
Deuteranomaly

158.8240, -31.4990, 3.6770

Tritanomaly

149.8320, -61.4810, -14.6410

Monochromacy



Original Color

150.2990, -61.2980, -12.4500

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

150.0450, -22.2360, -4.5080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.2990, -61.2980, -12.4500 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(84, 175, 197)` looks like.

```
.text, #text, p{  
    color:rgb(84, 175, 197)  
}
```

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(84, 175, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 175, 197) }
```

Border

The CSS property to change the border of an element to YIQ 150.2990, -61.2980, -12.4500 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(84, 175, 197) }
```


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

```
.border{ border-color:rgb(84, 175, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 175, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 175, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 175, 197);  
box-shadow:4px 4px 4px 4px rgb(84, 175,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 150.2990, -61.2980, -12.4500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 175, 197) }
```

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

```
.background{ background-color: rgb(84, 175,  
197) }
```

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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