

Converting Colors

YIQ(165.3250, -90.5500,
-10.9500)

Have a look what the booklet for
YIQ(165.3250, -90.5500, -10.9500)
contains.

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Color

**YIQ(165.3250, -90.5500,
-10.9500)**

Conversions

Conversions Part 1

Format	Color
Hex	48C5F7
RGB	72, 197, 247
RGB Percent	28%, 77%, 97%
CMY	0.7179, 0.2272, 0.0318
CMYK	0.71, 0.20, 0.00, 0.03
HSL	197°, 92%, 63%
HSV	197°, 71%, 97%
XYZ	39.4185, 48.0407, 95.1088
YIQ	165.3250, -90.5500, -10.9500

Conversions

Conversions Part 2

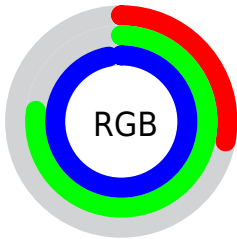
Format	Color
R_{YB}	72, 145, 247
Decimal	4769271
CIE _{Lab}	74.85, -18.73, -34.54
CIE _{LCh}	75, 39.294, 241.537
Yxy	48.0407, 0.2159, 0.2631
Android (android.graphics.Color)	4282959351 (0xFF48C5F7)
YUV	165.3250, 40.2658, -81.8460
Hunter-Lab	69.3114, -19.7792, -32.8395

Details

The YIQ color **165.3250, -90.5500, -10.9500** 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 **153.6750, 90.5500, 10.9500**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **220.0280, -68.2650, -23.8570**, and **105.6010, -100.3150, -15.6990** is the 20% darker color. If you saturate the color by 10%, you get **153.7410, -103.5250, -12.5890**, and if you desaturate by 10%, it is **176.9090, -77.5750, -9.3110**.

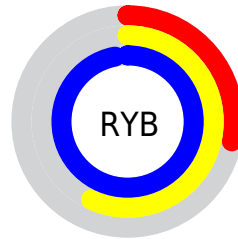
Distribution



Red (28%)

Green (77%)

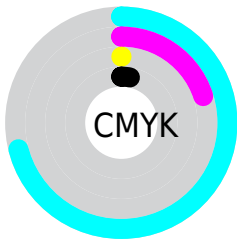
Blue (97%)



Red (28%)

Yellow (57%)

Blue (97%)

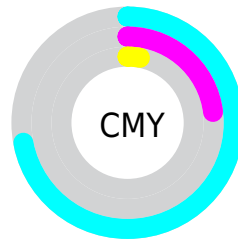


Cyan (71%)

Magenta (20%)

Yellow (0%)

Black (3%)



Cyan (72%)

Magenta (23%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 165.3250, -90.5500, -10.9500 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 165.3250, -90.5500, -10.9500 by changing the saturation by 10% instead.

■ 165.3250,
-90.5500, -10.9500

■ 165.3250,
-90.5500, -10.9500

■ 255.0000, -0.0000,
-0.0000

■ 130.0240,
-106.0000, -17.2960

■ 220.0280,
-68.2650, -23.8570

■ 105.6010,
-100.3150, -15.6990

■ 229.8840,
-50.0640, -17.8080

■ 87.8480, -84.7730,
-11.0210

■ 239.1530,
-31.5880, -11.2360

■ 70.2090, -69.5520,
-6.0320

■ 248.7210,
-12.5160, -4.4520

■ 53.1570, -54.6060,
-1.5660

■ 37.3930, -40.5310,
2.1650

■ 23.6180, -27.9230,

4.9490

■ 6.4350, -13.9860,
11.1820

■ 2.6390, -6.0530,
5.0750

■ 165.3250,
-90.5500, -10.9500

■ 165.3250,
-90.5500, -10.9500

■ 153.7410,
-103.5250, -12.5890

■ 176.9090,
-77.5750, -9.3110

■ 142.4560,
-115.9040, -14.0160

■ 188.1940,
-65.1960, -7.8840

■ 132.0570,
-127.9620, -15.7540

■ 199.7780,
-52.2210, -6.2450

■ 211.3620,
-39.2460, -4.6060

■ 222.6470,
-26.8670, -3.1790

■ 234.2310,
-13.8920, -1.5400

■ 245.8150, -0.9170,
0.0990

■ 252.9140, 3.1180,
-1.4420

■ 254.0880, 2.5680,
-2.4880

Harmonies

Analogous

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



154.2220, -107.0980, -30.4420



165.3250, -90.5500, -10.9500



179.2040, -52.8200, 10.1240

Triad

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



165.3250, -90.5500, -10.9500



187.8960, 48.2280, 29.0600



177.3170, 8.2120, -27.6920

Complementary

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



165.3250, -90.5500, -10.9500



153.6750, 90.5500, 10.9500

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.



181.6690, 36.8200, -17.5160



165.3250, -90.5500, -10.9500



186.4390, 59.2800, 15.9840

Square

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



165.3250, -90.5500, -10.9500



189.1290, 22.8270, 32.3550



184.2620, 54.7440, -0.9360



171.7610, -28.3290, -31.7610

Rectangle

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



165.3250, -90.5500, -10.9500



185.7130, -26.0920, 21.3320



184.2620, 54.7440, -0.9360



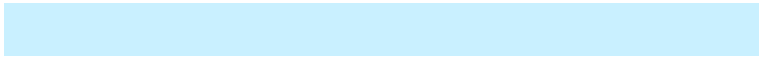
179.1720, 18.9860, -24.7100

Sweetspot

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



165.3250, -90.5500, -10.9500



230.0490, -28.0590, -3.6030



180.4250, -64.1750, -75.9750



112.5620, -16.3220, -1.5540



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.



165.3250, -90.5500, -10.9500



153.7230, -112.2820, -13.5780



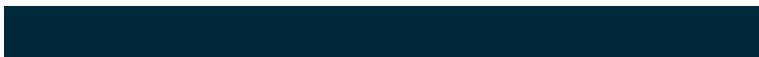
114.2560, -66.6250, 34.5510



116.6510, -6.3270, -0.9750



99.2750, -96.2810, -11.7130



31.3800, -30.4890, -3.6170

Inverse Universe

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



138.5750, 64.1750, 75.9750



120.5530, 79.5770, 94.2090



204.7440, 66.6250, -34.5510



114.6140, 4.2630, 5.3430



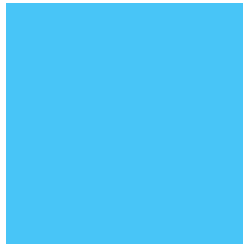
70.7760, 68.1630, 80.7950



22.4290, 21.6820, 25.5700

Previews

White Background



This preview shows how the YIQ color 165.3250, -90.5500, -10.9500 looks on a white background.

Color Contrast Check

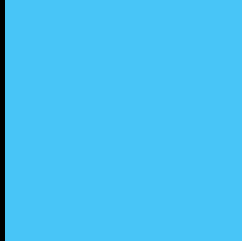
Large Text (above 18pt) WCAG AA × Fail

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 165.3250, -90.5500, -10.9500 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

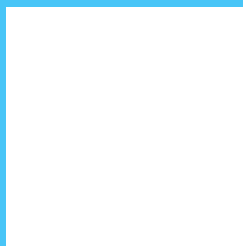
Any Text WCAG AAA ✓ Pass

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

YIQ 165.3250, -90.5500, -10.9500 Background



This preview shows how black text looks on a background with the YIQ color 165.3250, -90.5500, -10.9500.



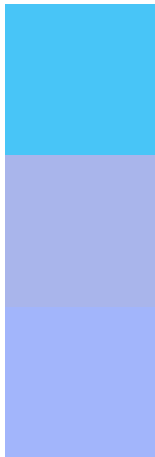
This preview shows how white text looks on a background with the YIQ color 165.3250, -90.5500, -10.9500.

-10.9500.

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

165.3250, -90.5500, -10.9500

Protanopia

183.5680, -24.4860, 14.2500

Deuteranopia

183.2990, -33.7940, 17.7420



Tritanopia

158.9740, -94.5360, -26.8240

Trichromacy



Original Color

165.3250, -90.5500, -10.9500

Protanomaly

177.0810, -48.2800, 4.9360

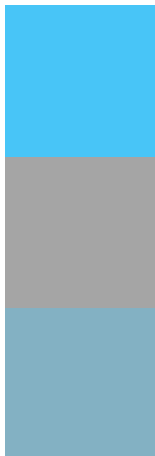
Deuteranomaly

176.8400, -54.7910, 7.2970

Tritanomaly

161.1470, -93.3450, -20.8730

Monochromacy



Original Color

165.3250, -90.5500, -10.9500

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

165.2980, -33.1940, -4.1540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.3250, -90.5500, -10.9500 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(72, 197, 247)` looks like.

```
.text, #text, p{  
    color:rgb(72, 197, 247)  
}
```

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(72, 197, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 197, 247) }
```

Border

The CSS property to change the border of an element to YIQ 165.3250, -90.5500, -10.9500 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(72, 197, 247) }
```


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

```
.border{ border-color:rgb(72, 197, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 197, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 197, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 197, 247);  
box-shadow:4px 4px 4px 4px rgb(72, 197,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 165.3250, -90.5500, -10.9500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 197, 247) }
```

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

```
.background{ background-color: rgb(72, 197,  
247) }
```

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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