

Converting Colors

YIQ(121.5780, -75.1450,
-9.2970)

Have a look what the booklet for
YIQ(121.5780, -75.1450, -9.2970)
contains.

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Color

**YIQ(121.5780, -75.1450,
-9.2970)**

Conversions

Conversions Part 1

Format	Color
Hex	2C94BD
RGB	44, 148, 189
RGB Percent	17%, 58%, 74%
CMY	0.8276, 0.4194, 0.2592
CMYK	0.77, 0.22, 0.00, 0.26
HSL	197°, 62%, 46%
HSV	197°, 77%, 74%
XYZ	20.8092, 25.3983, 51.9018
YIQ	121.5780, -75.1450, -9.2970

Conversions

Conversions Part 2

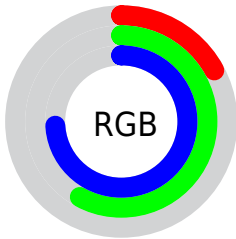
Format	Color
R_{YB}	44, 105, 189
Decimal	2921661
CIE _{Lab}	57.46, -15.29, -29.57
CIE _{LCh}	57, 33.294, 242.660
Yxy	25.3983, 0.2121, 0.2589
Android (android.graphics.Color)	4281111741 (0xFF2C94BD)
YUV	121.5780, 33.2390, -68.0359
Hunter-Lab	50.3967, -14.4900, -25.7831

Details

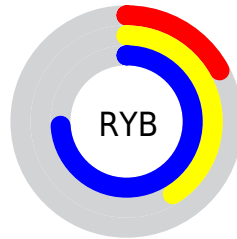
The YIQ color **121.5780, -75.1450, -9.2970** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **111.4220, 75.1450, 9.2970**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **179.6930, -68.0390, -5.9190**, and **72.3290, -70.0100, -8.7460** is the 20% darker color. If you saturate the color by 10%, you get **112.9620, -85.0940, -10.7100**, and if you desaturate by 10%, it is **130.1940, -65.1960, -7.8840**.

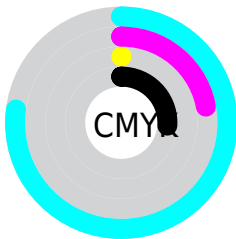
Distribution



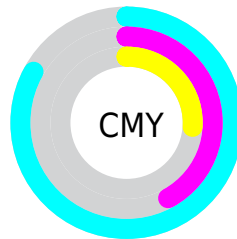
- Red (17%)
- Green (58%)
- Blue (74%)



- Red (17%)
- Yellow (41%)
- Blue (74%)



- Cyan (77%)
- Magenta (22%)
- Yellow (0%)
- Black (26%)



- Cyan (83%)
- Magenta (42%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.5780, -75.1450, -9.2970 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 121.5780, -75.1450, -9.2970 by changing the saturation by 10% instead.

■ 121.5780,
-75.1450, -9.2970

■ 121.5780,
-75.1450, -9.2970

■ 255.0000, -0.0000,
-0.0000

■ 90.0820, -85.5520,
-13.4240

■ 179.6930,
-68.0390, -5.9190

■ 72.3290, -70.0100,
-8.7460

■ 206.2390,
-61.0690, -11.0930

■ 55.9780, -55.6600,
-4.4920

■ 229.8840,
-50.0640, -17.8080

■ 39.6270, -41.3100,
-0.2380

■ 238.8540,
-32.1840, -11.4480

■ 25.2650, -28.4270,
3.0690

■ 247.8240,
-14.3040, -5.0880

■ 6.3210, -13.6650,
10.8710

■ 2.6390, -6.0530,

5.0750

■ 0.0000, 0.0000,
0.0000

■ 121.5780,
-75.1450, -9.2970

■ 121.5780,
-75.1450, -9.2970

■ 112.9620,
-85.0940, -10.7100

■ 130.1940,
-65.1960, -7.8840

■ 103.7590,
-94.7680, -11.6000

■ 139.3970,
-55.5220, -6.9940

■ 101.3780,
-98.0690, -12.3490

■ 148.0130,
-45.5730, -5.5810

■ 156.6290,
-35.6240, -4.1680

■ 165.5330,
-26.5460, -3.4900

■ 174.1490,
-16.5970, -2.0770

■ 182.7650, -6.6480,
-0.6640

■ 191.9680, 3.0260,
0.2260

■ 200.5840, 12.9750,
1.6390

Harmonies

Analogous

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



108.9630, -96.0030, -27.7710



121.5780, -75.1450, -9.2970



134.1250, -42.4120, 8.7240

Triad

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



121.5780, -75.1450, -9.2970



140.7160, 39.7470, 23.0670



132.8100, 5.5060, -22.7020

Complementary

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



121.5780, -75.1450, -9.2970



111.4220, 75.1450, 9.2970

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.



135.4710, 28.7500, -14.4340



121.5780, -75.1450, -9.2970



139.2850, 47.9100, 12.7900

Square

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



121.5780, -75.1450, -9.2970



142.1730, 19.5270, 26.0790



137.9880, 43.8320, -1.4160



127.7880, -23.7910, -25.8950

Rectangle

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



121.5780, -75.1450, -9.2970



139.1280, -20.1310, 17.9250



137.9880, 43.8320, -1.4160



133.7680, 14.4920, -20.3560

Sweetspot

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



121.5780, -75.1450, -9.2970



218.5650, -29.5720, -3.7160



133.5610, -52.3940, -63.7060



106.5510, -17.7890, -2.5010



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



121.5780, -75.1450, -9.2970



140.1570, -116.5000, -14.2280



80.4880, -55.8950, 27.3130



90.1350, -4.8140, -0.8620



84.9300, -82.0680, -10.4840



16.4480, -16.0010, -1.8650

Inverse Universe

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



99.2110, 53.0360, 63.0840



105.6290, 82.4190, 97.7710



152.5120, 55.8950, -27.3130



88.4890, 3.1170, 4.0850



60.2380, 57.5740, 68.9500



11.7770, 11.4140, 13.4140

Previews

White Background



This preview shows how the YIQ color 121.5780, -75.1450, -9.2970 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 121.5780, -75.1450, -9.2970 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 121.5780, -75.1450, -9.2970

Background



This preview shows how black text looks on a background with the YIQ color 121.5780, -75.1450, -9.2970.



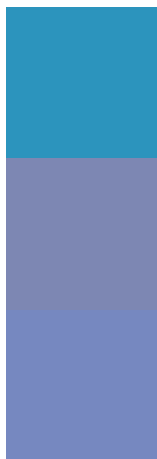
This preview shows how white text looks on a background with the YIQ color 121.5780, -75.1450, -9.2970.

-9.2970.

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

121.5780, -75.1450, -9.2970

Protanopia

137.0260, -20.0840, 11.5640

Deuteranopia

137.0020, -28.7040, 13.6000



Tritanopia

111.6220, -87.6130, -25.6370

Trichromacy



Original Color

121.5780, -75.1450, -9.2970

Protanomaly

131.7460, -40.0270, 4.0450

Deuteranomaly

131.1630, -45.5750, 5.4730

Tritanomaly

115.6490, -83.0750, -19.7710

Monochromacy



Original Color

121.5780, -75.1450, -9.2970

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

121.6470, -26.8670, -3.1790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.5780, -75.1450, -9.2970 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(44, 148, 189)` looks like.

```
.text, #text, p{  
    color:rgb(44, 148, 189)  
}
```

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(44, 148, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 148, 189) }
```

Border

The CSS property to change the border of an element to YIQ 121.5780, -75.1450, -9.2970 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(44, 148, 189) }
```


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

```
.border{ border-color:rgb(44, 148, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 148, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 148, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 148, 189);  
box-shadow:4px 4px 4px 4px rgb(44, 148,  
189) }
```

Background

The CSS property to change the background color of an element to YIQ 121.5780, -75.1450, -9.2970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 148, 189) }
```

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

```
.background{ background-color: rgb(44, 148,  
189) }
```

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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