

Converting Colors

YIQ(124.0910, -72.5760,
-17.3120)

Have a look what the booklet for
YIQ(124.0910, -72.5760, -17.3120)
contains.

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Color

**YIQ(124.0910, -72.5760,
-17.3120)**

Conversions

Conversions Part 1

Format	Color
Hex	2C9BAF
RGB	44, 155, 175
RGB Percent	17%, 61%, 69%
CMY	0.8277, 0.3920, 0.3140
CMYK	0.75, 0.11, 0.00, 0.31
HSL	189°, 60%, 43%
HSV	189°, 75%, 69%
XYZ	20.4953, 27.0844, 44.6652
YIQ	124.0910, -72.5760, -17.3120

Conversions

Conversions Part 2

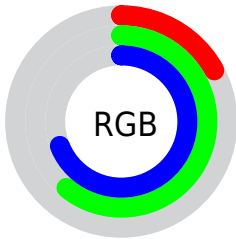
Format	Color
R _Y B	44, 104, 175
Decimal	2923439
CIE Lab	59.05, -23.67, -19.20
CIE LCh	59, 30.482, 219.052
Yxy	27.0844, 0.2222, 0.2936
Android (android.graphics.Color)	4281113519 (0xFF2C9BAF)
YUV	124.0910, 25.0981, -70.2398
Hunter-Lab	52.0427, -20.7782, -14.4553

Details

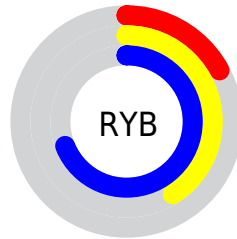
The YIQ color **124.0910, -72.5760, -17.3120** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **94.9090, 72.5760, 17.3120**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **182.4940, -66.3410, -14.6690**, and **74.4830, -67.8080, -15.6160** is the 20% darker color. If you saturate the color by 10%, you get **116.9480, -82.4790, -19.5590**, and if you desaturate by 10%, it is **130.9350, -63.2690, -15.2770**.

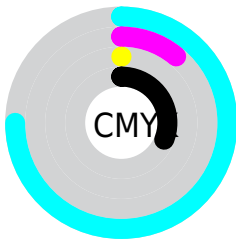
Distribution



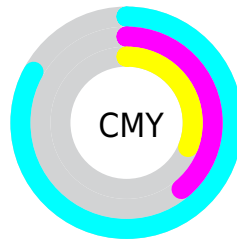
- Red (17%)
- Green (61%)
- Blue (69%)



- Red (17%)
- Yellow (41%)
- Blue (69%)



- Cyan (75%)
- Magenta (11%)
- Yellow (0%)
- Black (31%)



- Cyan (83%)
- Magenta (39%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 124.0910, -72.5760, -17.3120 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 124.0910, -72.5760, -17.3120 by changing the saturation by 10% instead.

■ 124.0910,
-72.5760, -17.3120

■ 124.0910,
-72.5760, -17.3120

■ 255.0000, -0.0000,
-0.0000

■ 92.5950, -82.9830,
-21.4390

■ 182.3800,
-66.0200, -14.9800

■ 74.9560, -67.7620,
-16.4500

■ 210.3370,
-64.4610, -15.7010

■ 57.5450, -53.1830,
-10.8390

■ 229.2860,
-51.2560, -18.2320

■ 41.3080, -39.1540,
-6.2740

■ 238.2560,
-33.3760, -11.8720

■ 26.3590, -25.9960,
-2.4440

■ 246.9270,
-16.0920, -5.7240

■ 4.5940, -10.1800,
8.2840

■ 0.1140, -0.3210,

0.3110

■ 0.0000, 0.0000,
0.0000

■ 124.0910,
-72.5760, -17.3120

■ 124.0910,
-72.5760, -17.3120

■ 116.9480,
-82.4790, -19.5590

■ 130.9350,
-63.2690, -15.2770

■ 110.6910,
-92.0610, -22.1170

■ 137.4910,
-53.0910, -12.5070

■ 106.8260,
-96.8750, -22.9790

■ 144.3350,
-43.7840, -10.4720

■ 151.4780,
-33.8810, -8.2250

■ 157.7350,
-24.2990, -5.6670

■ 164.8780,
-14.3960, -3.4200

■ 171.7220, -5.0890,
-1.3850

■ 178.2780, 5.0890,
1.3850

■ 185.1220, 14.3960,
3.4200

Harmonies

Analogous

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



126.6010, -56.7570, -23.1650



124.0910, -72.5760, -17.3120



131.9500, -58.4570, -3.3610

Triad

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



124.0910, -72.5760, -17.3120



145.6740, 22.3700, 24.1140



139.5350, 22.6980, -14.8860

Complementary

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



124.0910, -72.5760, -17.3120



94.9090, 72.5760, 17.3120

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.



141.8840, 38.1930, -3.8470



124.0910, -72.5760, -17.3120



145.0100, 38.7390, 19.3070

Square

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



124.0910, -72.5760, -17.3120



145.1040, -2.3880, 21.2600



143.6110, 43.8760, 8.8040



136.2270, -0.0420, -21.2740

Rectangle

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



124.0910, -72.5760, -17.3120



138.1420, -41.0820, 6.6460



143.6110, 43.8760, 8.8040



140.3510, 29.2080, -11.7200

Sweetspot

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



124.0910, -72.5760, -17.3120



207.3540, -27.6000, -6.4160



123.1770, -42.4450, -62.2930



103.0950, -16.5050, -3.7450



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



124.0910, -72.5760, -17.3120



147.8070, -113.0590, -27.0350



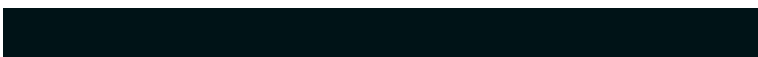
85.9360, -54.7010, 16.6830



83.1350, -4.8140, -0.8620



92.2360, -83.3500, -20.2940



13.7750, -12.6080, -2.7840

Inverse Universe

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



95.8230, 42.4450, 62.2930



103.7180, 66.0510, 97.0510



133.0640, 54.7010, -16.6830



81.4890, 3.1170, 4.0850



59.4420, 48.3120, 71.6080



9.0430, 7.6090, 10.7850

Previews

White Background



This preview shows how the YIQ color 124.0910, -72.5760, -17.3120 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 124.0910, -72.5760, -17.3120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

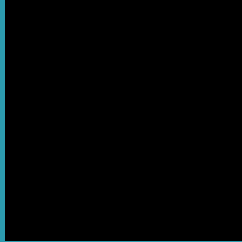
Any Text WCAG AA ✓ Pass

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 124.0910, -72.5760, -17.3120 Background



This preview shows how black text looks on a background with the YIQ color 124.0910, -72.5760, -17.3120.



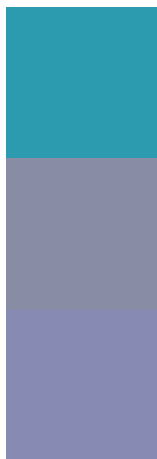
This preview shows how white text looks on a background with the YIQ color 124.0910, -72.5760, -17.3120.

-17.3120.

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

124.0910, -72.5760, -17.3120

Protanopia

141.6540, -10.4090, 6.9270

Deuteranopia

142.3640, -15.2240, 11.5920



Tritanopia

122.4990, -73.9050, -20.7610

Trichromacy



Original Color

124.0910, -72.5760, -17.3120

Protanomaly

135.1780, -32.7360, -1.4400

Deuteranomaly

135.9050, -36.2210, 1.1470

Tritanomaly

123.3250, -73.3550, -19.7150

Monochromacy



Original Color

124.0910, -72.5760, -17.3120

Achromatopsia

124.0000, -0.0000, -0.0000

Achromatomaly

123.9520, -26.4080, -5.9920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.0910, -72.5760, -17.3120 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, 155, 175)` looks like.

```
.text, #text, p{  
    color:rgb(44, 155, 175)  
}
```

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, 155, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 155, 175) }
```

Border

The CSS property to change the border of an element to YIQ 124.0910, -72.5760, -17.3120 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, 155, 175) }
```


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

```
.border{ border-color:rgb(44, 155, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 155, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 155, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 155, 175);  
box-shadow:4px 4px 4px 4px rgb(44, 155,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 124.0910, -72.5760, -17.3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 155, 175) }
```

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

```
.background{ background-color: rgb(44, 155,  
175) }
```

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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