

Converting Colors

YIQ(128.4280, -65.9750,
-10.2870)

Have a look what the booklet for
YIQ(128.4280, -65.9750, -10.2870)
contains.

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Color

**YIQ(128.4280, -65.9750,
-10.2870)**

Conversions

Conversions Part 1

Format	Color
Hex	3B99B8
RGB	59, 153, 184
RGB Percent	23%, 60%, 72%
CMY	0.7688, 0.3998, 0.2787
CMYK	0.68, 0.17, 0.00, 0.28
HSL	195°, 51%, 48%
HSV	195°, 68%, 72%
XYZ	21.8423, 27.1813, 49.4026
YIQ	128.4280, -65.9750, -10.2870

Conversions

Conversions Part 2

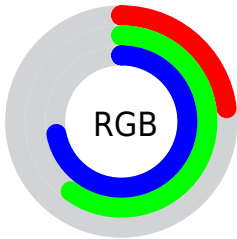
Format	Color
R_{YB}	59, 113, 184
Decimal	3905976
CIE _{Lab}	59.14, -17.63, -24.13
CIE _{LCh}	59, 29.881, 233.850
Yxy	27.1813, 0.2219, 0.2762
Android (android.graphics.Color)	4282096056 (0xFF3B99B8)
YUV	128.4280, 27.3970, -60.8884
Hunter-Lab	52.1357, -16.4545, -19.6870

Details

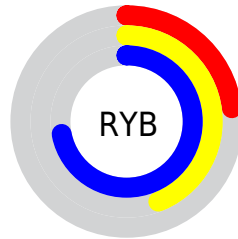
The YIQ color **128.4280, -65.9750, -10.2870** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **114.5720, 65.9750, 10.2870**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **184.7490, -62.4450, -8.1810**, and **74.8080, -70.1010, -12.6050** is the 20% darker color. If you saturate the color by 10%, you get **120.1110, -75.3280, -11.4880**, and if you desaturate by 10%, it is **136.7450, -56.6220, -9.0860**.

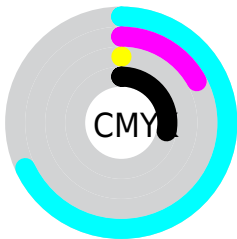
Distribution



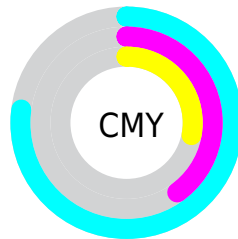
- Red (23%)
- Green (60%)
- Blue (72%)



- Red (23%)
- Yellow (44%)
- Blue (72%)



- Cyan (68%)
- Magenta (17%)
- Yellow (0%)
- Black (28%)



- Cyan (77%)
- Magenta (40%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 128.4280, -65.9750, -10.2870 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 128.4280, -65.9750, -10.2870 by changing the saturation by 10% instead.

■ 128.4280,
-65.9750, -10.2870

■ 128.4280,
-65.9750, -10.2870

■ 255.0000, -0.0000,
-0.0000

■ 96.6330, -76.9780,
-14.6260

■ 184.7490,
-62.4450, -8.1810

■ 74.8080, -70.1010,
-12.6050

■ 212.4520,
-57.3550, -12.3230

■ 57.8700, -55.4760,
-7.8280

■ 232.2760,
-45.2960, -16.1120

■ 41.5190, -41.1260,
-3.5740

■ 240.9470,
-28.0120, -9.9640

■ 26.5700, -27.9680,
0.2560

■ 249.9170,
-10.1320, -3.6040

■ 5.3920, -12.4270,
10.4610

■ 2.0690, -4.4480,

3.5200

■ 0.0000, 0.0000,
0.0000

■ 128.4280,
-65.9750, -10.2870

■ 128.4280,
-65.9750, -10.2870

■ 120.1110,
-75.3280, -11.4880

■ 136.7450,
-56.6220, -9.0860

■ 112.0820,
-85.5520, -13.4240

■ 144.7740,
-46.3980, -7.1500

■ 103.7650,
-94.9050, -14.6250

■ 153.0910,
-37.0450, -5.9490

■ 101.9820,
-97.0140, -14.9500

■ 161.1200,
-26.8210, -4.0130

■ 169.4370,
-17.4680, -2.8120

■ 177.1670, -7.8400,
-1.0880

■ 185.7830, 2.1090,
0.3250

■ 193.5130, 11.7370,
2.0490

■ 201.8300, 21.0900,
3.2500

Harmonies

Analogous

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



125.1040, -65.4230, -20.2950



128.4280, -65.9750, -10.2870



137.4080, -44.8870, 4.0170

Triad

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



128.4280, -65.9750, -10.2870



145.9970, 31.5860, 22.2900



138.5660, 12.2450, -18.1790

Complementary

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



128.4280, -65.9750, -10.2870



114.5720, 65.9750, 10.2870

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.



141.1880, 31.2250, -9.7270



128.4280, -65.9750, -10.2870



144.7020, 42.3620, 14.2180

Square

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



128.4280, -65.9750, -10.2870



145.8020, 10.2660, 23.2100



143.1390, 42.0890, 2.6410



134.7570, -13.3380, -22.6020

Rectangle

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



128.4280, -65.9750, -10.2870



142.1440, -26.2280, 12.7800



143.1390, 42.0890, 2.6410



139.7410, 19.1220, -16.1580

Sweetspot

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



128.4280, -65.9750, -10.2870



218.6040, -25.3080, -3.9000



135.6810, -43.6840, -56.3560



107.2200, -15.3590, -2.4870



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



128.4280, -65.9750, -10.2870



152.3340, -103.9370, -16.1370



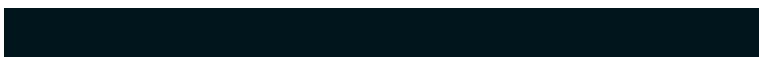
92.6210, -49.2000, 21.6160



88.1350, -4.8140, -0.8620



86.4630, -82.2510, -12.6750



15.5190, -14.7630, -2.2750

Inverse Universe

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



107.0910, 44.3260, 55.7340



118.7750, 69.9040, 87.7920



150.3790, 49.2000, -21.6160



86.4890, 3.1170, 4.0850



59.9820, 55.4190, 69.4590



10.7660, 9.9470, 12.4670

Previews

White Background



This preview shows how the YIQ color 128.4280, -65.9750, -10.2870 looks on a white background.

Color Contrast Check

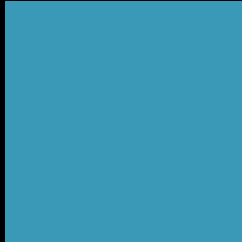
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.4280, -65.9750, -10.2870 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 128.4280, -65.9750, -10.2870 Background



This preview shows how black text looks on a background with the YIQ color 128.4280, -65.9750, -10.2870.



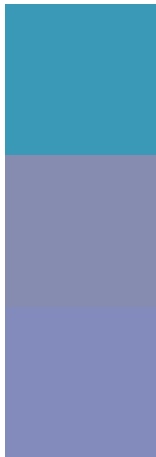
This preview shows how white text looks on a background with the YIQ color 128.4280, -65.9750, -10.2870.

-10.2870.

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

128.4280, -65.9750, -10.2870

Protanopia

141.8970, -15.4070, 9.4010

Deuteranopia

141.7810, -20.7720, 13.0200



Tritanopia

125.6740, -67.0280, -18.7400

Trichromacy



Original Color

128.4280, -65.9750, -10.2870

Protanomaly

137.1010, -33.8370, 1.9950

Deuteranomaly

136.8280, -37.3220, 4.5820

Tritanomaly

126.6680, -66.8910, -15.7150

Monochromacy



Original Color

128.4280, -65.9750, -10.2870

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

128.0880, -23.7950, -3.7870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.4280, -65.9750, -10.2870 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(59, 153, 184)` looks like.

```
.text, #text, p{  
    color:rgb(59, 153, 184)  
}
```

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(59, 153, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 153, 184) }
```

Border

The CSS property to change the border of an element to YIQ 128.4280, -65.9750, -10.2870 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(59, 153, 184) }
```


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

```
.border{ border-color:rgb(59, 153, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 153, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 153, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 153, 184);  
box-shadow:4px 4px 4px 4px rgb(59, 153,  
184) }
```

Background

The CSS property to change the background color of an element to YIQ 128.4280, -65.9750, -10.2870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 153, 184) }
```

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

```
.background{ background-color: rgb(59, 153,  
184) }
```

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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