

Converting Colors

YIQ(100.7910, -54.2360,
-19.2920)

Have a look what the booklet for
YIQ(100.7910, -54.2360, -19.2920)
contains.

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Color

**YIQ(100.7910, -54.2360,
-19.2920)**

Conversions

Conversions Part 1

Format	Color
Hex	258080
RGB	37, 128, 128
RGB Percent	15%, 50%, 50%
CMY	0.8551, 0.4979, 0.4983
CMYK	0.71, 0.00, 0.00, 0.50
HSL	180°, 55%, 32%
HSV	180°, 71%, 50%
XYZ	12.3778, 17.3977, 23.1088
YIQ	100.7910, -54.2360, -19.2920

Conversions

Conversions Part 2

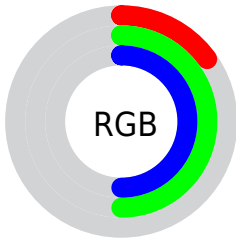
Format	Color
R_{YB}	37, 83, 128
Decimal	2457728
CIE _{Lab}	48.76, -25.69, -7.65
CIE _{LCh}	49, 26.803, 196.580
Yxy	17.3977, 0.2341, 0.3290
Android (android.graphics.Color)	4280647808 (0xFF258080)
YUV	100.7910, 13.4140, -55.9447
Hunter-Lab	41.7105, -20.0227, -3.6510

Details

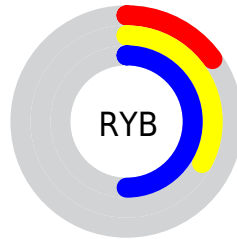
The YIQ color **100.7910, -54.2360, -19.2920** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **64.2090, 54.2360, 19.2920**, and the grayscale version is **101.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **155.8840, -50.0640, -17.8080**, and **54.7920, -46.8090, -16.2250** is the 20% darker color. If you saturate the color by 10%, you get **96.9040, -61.9840, -22.0480**, and if you desaturate by 10%, it is **104.6780, -46.4880, -16.5360**.

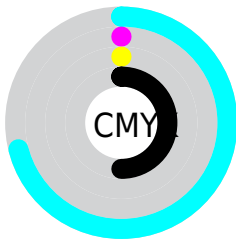
Distribution



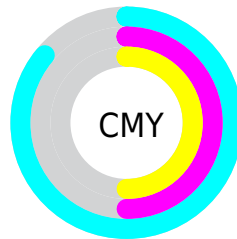
- Red (15%)
- Green (50%)
- Blue (50%)



- Red (15%)
- Yellow (33%)
- Blue (50%)



- Cyan (71%)
- Magenta (0%)
- Yellow (0%)
- Black (50%)



- Cyan (86%)
- Magenta (50%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 100.7910, -54.2360, -19.2920 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 100.7910, -54.2360, -19.2920 by changing the saturation by 10% instead.

■ 100.7910,
-54.2360, -19.2920

■ 100.7910,
-54.2360, -19.2920

■ 255.0000, -0.0000,
-0.0000

■ 72.2030, -61.3880,
-21.8360

■ 155.8840,
-50.0640, -17.8080

■ 54.7920, -46.8090,
-16.2250

■ 183.7700,
-49.7430, -18.1190

■ 38.6690, -33.1010,
-11.3490

■ 211.7700,
-49.7430, -18.1190

■ 23.9480, -20.5850,
-6.8970

■ 232.8740,
-44.1040, -15.6880

■ 2.0690, -4.4480,
3.5200

■ 241.5450,
-26.8200, -9.5400

■ 0.0000, 0.0000,
0.0000

■ 250.5150, -8.9400,

-3.1800

■ 100.7910,
-54.2360, -19.2920

■ 100.7910,
-54.2360, -19.2920

■ 96.9040, -61.9840,
-22.0480

■ 104.6780,
-46.4880, -16.5360

■ 93.0170, -69.7320,
-24.8040

■ 108.5650,
-38.7400, -13.7800

■ 89.7280, -76.2880,
-27.1360

■ 112.1530,
-31.5880, -11.2360

■ 116.0400,
-23.8400, -8.4800

■ 119.9270,
-16.0920, -5.7240

■ 123.8140, -8.3440,
-2.9680

■ 127.7010, -0.5960,
-0.2120

■ 131.2890, 6.5560,
2.3320

■ 135.1760, 14.3040,
5.0880

Harmonies

Analogous

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



105.9540, -29.8900, -19.9860



100.7910, -54.2360, -19.2920



101.0000, -61.8940, -12.6620

Triad

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



100.7910, -54.2360, -19.2920



118.4590, 3.8020, 19.2100



115.2250, 29.8030, -5.9810

Complementary

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



100.7910, -54.2360, -19.2920



64.2090, 54.2360, 19.2920

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.



116.3820, 37.0910, 5.1150



100.7910, -54.2360, -19.2920



119.2240, 23.5170, 19.8450

Square

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



100.7910, -54.2360, -19.2920



116.1400, -20.4050, 11.8750



118.1080, 35.3470, 14.6990



112.7560, 14.7660, -14.3060

Rectangle

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



100.7910, -54.2360, -19.2920



106.5440, -51.4420, -3.8420



118.1080, 35.3470, 14.6990



115.6000, 33.2410, -2.2070

Sweetspot

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



100.7910, -54.2360, -19.2920



155.5350, -20.8600, -7.4200



90.7160, -24.4290, -47.3810



77.7210, -12.5160, -4.4520



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



100.7910, -54.2360, -19.2920



123.8410, -84.0360, -29.8920



74.9630, -42.1360, 3.7200



61.9070, -4.1720, -1.4840



89.6140, -75.9670, -27.4470



0.0000, 0.0000, 0.0000

Inverse Universe

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



64.2090, 54.2360, 19.2920



67.1590, 84.0360, 29.8920



90.0370, 42.1360, -3.7200



59.0930, 4.1720, 1.4840



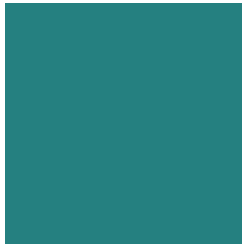
38.2720, 76.2880, 27.1360



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 100.7910, -54.2360, -19.2920 looks on a white 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

Black Background



This preview shows how the YIQ color 100.7910, -54.2360, -19.2920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

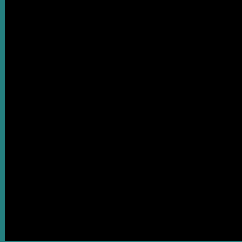
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 100.7910, -54.2360, -19.2920 Background



This preview shows how black text looks on a background with the YIQ color 100.7910, -54.2360, -19.2920.

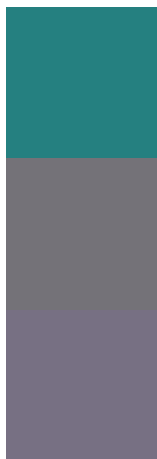


This preview shows how white text looks on a background with the YIQ color 100.7910, -54.2360, -19.2920.

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

100.7910, -54.2360, -19.2920

Protanopia

115.2820, -0.7340, 2.2900

Deuteranopia

116.2590, -1.9270, 7.3930



Tritanopia

103.0240, -53.2740, -14.6980

Trichromacy



Original Color

100.7910, -54.2360, -19.2920

Protanomaly

109.8880, -20.3560, -5.5400

Deuteranomaly

110.6970, -21.1360, -2.4160

Tritanomaly

102.0840, -53.5030, -16.0550

Monochromacy



Original Color

100.7910, -54.2360, -19.2920

Achromatopsia

101.0000, -0.0000, 0.0000

Achromatomaly

101.1330, -19.6680, -6.9960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 100.7910, -54.2360, -19.2920 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(37, 128, 128)` looks like.

```
.text, #text, p{  
    color:rgb(37, 128, 128)  
}
```

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(37, 128, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 128, 128) }
```

Border

The CSS property to change the border of an element to YIQ 100.7910, -54.2360, -19.2920 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(37, 128, 128) }
```


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

```
.border{ border-color:rgb(37, 128, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 128, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 128, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 128, 128);  
box-shadow:4px 4px 4px 4px rgb(37, 128,  
128) }
```

Background

The CSS property to change the background color of an element to YIQ 100.7910, -54.2360, -19.2920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 128, 128) }
```

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

```
.background{ background-color: rgb(37, 128,  
128) }
```

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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