

Converting Colors

YIQ(107.9320, -50.0190,
-13.1150)

Have a look what the booklet for
YIQ(107.9320, -50.0190, -13.1150)
contains.

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Color

**YIQ(107.9320, -50.0190,
-13.1150)**

Conversions

Conversions Part 1

Format	Color
Hex	34828D
RGB	52, 130, 141
RGB Percent	20%, 51%, 55%
CMY	0.7962, 0.4901, 0.4473
CMYK	0.63, 0.08, 0.00, 0.45
HSL	187°, 46%, 38%
HSV	187°, 63%, 55%
XYZ	14.2046, 18.6244, 28.0249
YIQ	107.9320, -50.0190, -13.1150

Conversions

Conversions Part 2

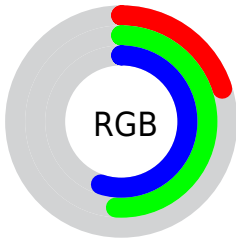
Format	Color
R _Y B	52, 94, 141
Decimal	3441293
CIE Lab	50.24, -20.20, -13.01
CIE LCh	50, 24.024, 212.776
Yxy	18.6244, 0.2334, 0.3061
Android (android.graphics.Color)	4281631373 (0xFF34828D)
YUV	107.9320, 16.3025, -49.0524
Hunter-Lab	43.1560, -16.7703, -8.2930




Details

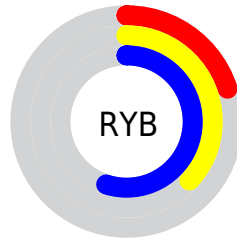
The YIQ color **107.9320, -50.0190, -13.1150** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **85.0680, 50.0190, 13.1150**, and the grayscale version is **108.0000, -0.0000, 0.0000**.




A 20% lighter version of the original color is **162.2420, -47.9560, -11.9560**, and **57.3340, -51.2110, -13.5390** is the 20% darker color. If you saturate the color by 10%, you get **102.5720, -57.8130, -15.0370**, and if you desaturate by 10%, it is **113.2920, -42.2250, -11.1930**.

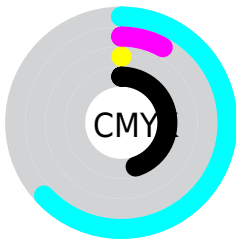
Distribution







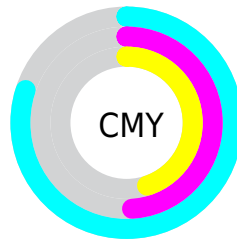
-  Red (20%)
-  Green (51%)
-  Blue (55%)






-  Red (20%)
-  Yellow (37%)
-  Blue (55%)



-  Cyan (63%)
-  Magenta (8%)
-  Yellow (0%)
-  Black (45%)



-  Cyan (80%)
-  Magenta (49%)
-  Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 107.9320, -50.0190, -13.1150 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 107.9320, -50.0190, -13.1150 by changing the saturation by 10% instead.

107.9320,
-50.0190, -13.1150

107.9320,
-50.0190, -13.1150

255.0000, -0.0000,
-0.0000

79.2300, -56.8500,
-15.9700

162.2420,
-47.9560, -11.9560

57.3340, -51.2110,
-13.5390

189.8290,
-48.2310, -12.4790

41.0970, -37.1820,
-8.9740

217.9430,
-48.5520, -12.1680

25.6750, -24.0700,
-4.3100

236.4620,
-36.9520, -13.1440

4.6110, -8.8500,
6.2060

245.1330,
-19.6680, -6.9960

0.0000, 0.0000,
0.0000

253.8040, -2.3840,

-0.8480

■ 107.9320,
-50.0190, -13.1150

■ 107.9320,
-50.0190, -13.1150

■ 102.5720,
-57.8130, -15.0370

■ 113.2920,
-42.2250, -11.1930

■ 97.7990, -65.8820,
-17.4820

■ 118.0650,
-34.1560, -8.7480

■ 92.4390, -73.6760,
-19.4040

■ 123.4250,
-26.3620, -6.8260

■ 88.8620, -79.3610,
-21.0010

■ 128.7850,
-18.5680, -4.9040

■ 134.1450,
-10.7740, -2.9820

■ 139.2170, -2.1090,
-0.3250

■ 144.5770, 5.6850,
1.5970

■ 149.9370, 13.4790,
3.5190

■ 155.2970, 21.2730,
5.4410

Harmonies

Analogous

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



109.5280, -37.3180, -17.5260



107.9320, -50.0190, -13.1150



111.9530, -45.3440, -4.2240

Triad

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



107.9320, -50.0190, -13.1150



122.6080, 13.5680, 18.4320



118.3270, 20.5880, -9.6840

Complementary

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



107.9320, -50.0190, -13.1150



85.0680, 50.0190, 13.1150

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.



119.8710, 31.0400, -0.8640



107.9320, -50.0190, -13.1150



122.0410, 28.2860, 16.0140

Square

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



107.9320, -50.0190, -13.1150



121.8490, -6.2840, 14.7720



120.9350, 34.1560, 8.7480



115.9550, 3.9000, -15.6200

Rectangle

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



107.9320, -50.0190, -13.1150



115.8560, -34.5250, 3.4510



120.9350, 34.1560, 8.7480



118.9470, 24.7140, -7.3660

Sweetspot

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



107.9320, -50.0190, -13.1150



170.6000, -19.4850, -4.8050



105.3830, -27.6850, -43.4370



83.9600, -11.6910, -2.8830



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



107.9320, -50.0190, -13.1150



131.5740, -78.4900, -20.2660



82.1040, -37.9190, 9.8970



68.9070, -4.1720, -1.4840



85.2430, -76.0600, -20.2520



5.0210, -4.4930, -1.1730

Inverse Universe

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



87.5030, 28.0060, 43.1260



99.7680, 44.2780, 67.6220



110.8960, 37.9190, -9.8970



66.8910, 1.9250, 3.6610



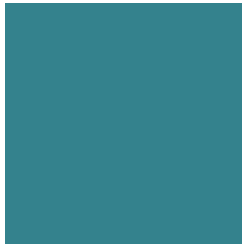
53.9310, 42.2610, 65.6290



3.1900, 2.5210, 3.8730

Previews

White Background



This preview shows how the YIQ color 107.9320, -50.0190, -13.1150 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 107.9320, -50.0190, -13.1150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

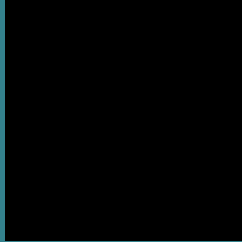
Any Text WCAG AA ✓ Pass

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 107.9320, -50.0190, -13.1150 Background



This preview shows how black text looks on a background with the YIQ color 107.9320, -50.0190, -13.1150.



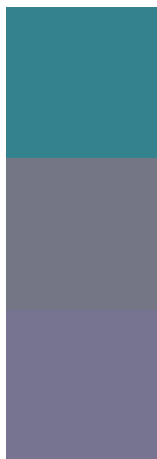
This preview shows how white text looks on a background with the YIQ color 107.9320, -50.0190, -13.1150.

-13.1150.

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

107.9320, -50.0190, -13.1150

Protanopia

119.4110, -5.4110, 4.4530

Deuteranopia

119.7900, -7.7960, 9.1320



Tritanopia

107.9320, -50.0190, -13.1150

Trichromacy



Original Color

107.9320, -50.0190, -13.1150

Protanomaly

114.9250, -21.7780, -1.7940

Deuteranomaly

115.4350, -23.1540, 1.1180

Tritanomaly

107.9320, -50.0190, -13.1150

Monochromacy



Original Color

107.9320, -50.0190, -13.1150

Achromatopsia

108.0000, -0.0000, 0.0000

Achromatomaly

108.0840, -17.9720, -4.6920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 107.9320, -50.0190, -13.1150 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(52, 130, 141)` looks like.

```
.text, #text, p{  
    color:rgb(52, 130, 141)  
}
```

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(52, 130, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 130, 141) }
```

Border

The CSS property to change the border of an element to YIQ 107.9320, -50.0190, -13.1150 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(52, 130, 141) }
```


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

```
.border{ border-color:rgb(52, 130, 141) }
```

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

Here you see how a box with a 4 pixel rgb(52, 130, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 130, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 130, 141);  
box-shadow:4px 4px 4px 4px rgb(52, 130,  
141) }
```

Background

The CSS property to change the background color of an element to YIQ 107.9320, -50.0190, -13.1150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 130, 141) }
```

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

```
.background{ background-color: rgb(52, 130,  
141) }
```

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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