

Converting Colors

YIQ(108.9940, -62.8980,
-38.5300)

Have a look what the booklet for
YIQ(108.9940, -62.8980, -38.5300)
contains.

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Color

**YIQ(108.9940, -62.8980,
-38.5300)**

Conversions

Conversions Part 1

Format	Color
Hex	199771
RGB	25, 151, 113
RGB Percent	10%, 59%, 44%
CMY	0.9023, 0.4076, 0.5571
CMYK	0.84, 0.00, 0.25, 0.41
HSL	162°, 72%, 35%
HSV	162°, 84%, 59%
XYZ	14.4515, 23.5469, 19.3895
YIQ	108.9940, -62.8980, -38.5300

Conversions

Conversions Part 2

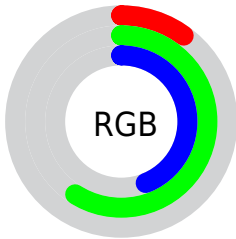
Format	Color
R_{YB}	25, 99, 151
Decimal	1677169
CIE _{Lab}	55.63, -41.89, 10.98
CIE _{LCh}	56, 43.304, 165.310
Yxy	23.5469, 0.2518, 0.4103
Android (android.graphics.Color)	4279867249 (0xFF199771)
YUV	108.9940, 1.9750, -73.6627
Hunter-Lab	48.5251, -31.7591, 10.2766

Details

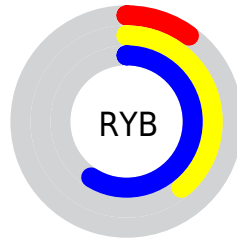
The YIQ color **108.9940, -62.8980, -38.5300** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **67.0060, 62.8980, 38.5300**, and the grayscale version is **109.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **167.8380, -53.5910, -36.4950**, and **65.5230, -48.0900, -31.5620** is the 20% darker color. If you saturate the color by 10%, you get **103.9390, -70.2330, -43.2650**, and if you desaturate by 10%, it is **114.0490, -55.5630, -33.7950**.

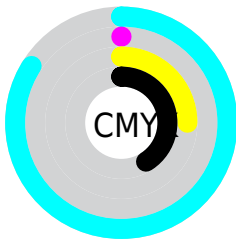
Distribution



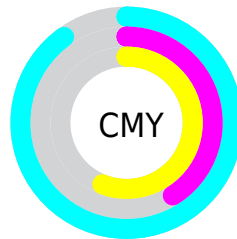
- Red (10%)
- Green (59%)
- Blue (44%)



- Red (10%)
- Yellow (39%)
- Blue (59%)



- Cyan (84%)
- Magenta (0%)
- Yellow (25%)
- Black (41%)



- Cyan (90%)
- Magenta (41%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 108.9940, -62.8980, -38.5300 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 108.9940, -62.8980, -38.5300 by changing the saturation by 10% instead.

■ 108.9940,
-62.8980, -38.5300

■ 108.9940,
-62.8980, -38.5300

■ 255.0000, -0.0000,
-0.0000

■ 83.4070, -62.6230,
-38.0070

■ 167.8380,
-53.5910, -36.4950

■ 65.5230, -48.0900,
-31.5620

■ 196.6100,
-52.9490, -37.1170

■ 48.3400, -34.1530,
-25.3290

■ 220.2130,
-50.1530, -32.7210

■ 31.8580, -20.8120,
-19.3080

■ 232.0760,
-41.8570, -17.8650

■ 16.4360, -7.7000,
-14.6440

■ 241.5450,
-26.8200, -9.5400

■ 0.0000, 0.0000,
0.0000

■ 250.5150, -8.9400,

-3.1800

■ 108.9940,
-62.8980, -38.5300

■ 108.9940,
-62.8980, -38.5300

■ 103.9390,
-70.2330, -43.2650

■ 114.0490,
-55.5630, -33.7950

■ 100.6070,
-75.2300, -46.3180

■ 118.9900,
-47.9070, -29.3710

■ 124.0450,
-40.5720, -24.6360

■ 128.9860,
-32.9160, -20.2120

■ 134.0410,
-25.5810, -15.4770

■ 139.2810,
-17.3290, -10.8410

■ 144.3360, -9.9940,
-6.1060

■ 149.2770, -2.3380,
-1.6820

■ 154.3320, 4.9970,
3.0530

Harmonies

Analogous

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



122.7000, -9.1640, -32.1720



108.9940, -62.8980, -38.5300



106.5520, -90.5920, -32.2240

Triad

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



108.9940, -62.8980, -38.5300



131.7760, -39.5710, 17.8130



132.6960, 59.6940, 8.4780

Complementary

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



108.9940, -62.8980, -38.5300



67.0060, 62.8980, 38.5300

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.



133.9800, 56.6190, 25.6670



108.9940, -62.8980, -38.5300



137.4350, 4.3500, 31.3100

Square

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



108.9940, -62.8980, -38.5300



107.4250, -105.4510, -10.7230



136.1970, 37.3150, 34.1070



131.2300, 48.6020, -10.7740

Rectangle

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



108.9940, -62.8980, -38.5300



108.7010, -98.0210, -24.2370



136.1970, 37.3150, 34.1070



133.0970, 60.2430, 15.0510

Sweetspot

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



108.9940, -62.8980, -38.5300



179.7530, -24.7100, -14.7420



110.9220, -10.8100, -57.4180



89.3030, -14.3950, -8.9470



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



108.9940, -62.8980, -38.5300



130.6700, -97.8770, -59.9010



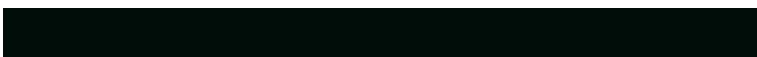
99.8250, -68.7710, -14.6830



74.2660, -3.8050, -2.6290



93.3520, -69.9580, -42.7420



8.6570, -6.4640, -4.0000

Inverse Universe

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



67.0060, 62.8980, 38.5300



65.3300, 97.8770, 59.9010



76.1750, 68.7710, 14.6830



71.6200, 4.1260, 2.3180



46.6480, 69.9580, 42.7420



4.3430, 6.4640, 4.0000

Previews

White Background



This preview shows how the YIQ color 108.9940, -62.8980, -38.5300 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 108.9940, -62.8980, -38.5300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

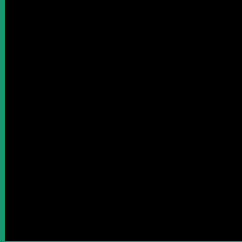
Any Text WCAG AA ✓ Pass

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 108.9940, -62.8980, -38.5300 Background



This preview shows how black text looks on a background with the YIQ color 108.9940, -62.8980, -38.5300.



This preview shows how white text looks on a background with the YIQ color 108.9940, -62.8980, -38.5300.

-38.5300.

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

108.9940, -62.8980, -38.5300

Protanopia

131.4990, 14.3520, -6.8000

Deuteranopia

133.4380, 16.3220, 1.5540



Tritanopia

118.8600, -58.6840, -15.7720

Trichromacy



Original Color

108.9940, -62.8980, -38.5300

Protanomaly

123.3920, -13.5680, -18.4320

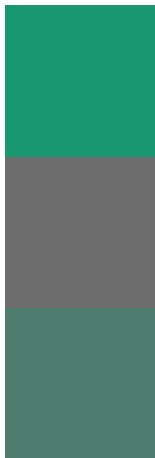
Deuteranomaly

124.4510, -12.0560, -12.7920

Tritanomaly

115.2200, -60.0580, -23.9140

Monochromacy



Original Color

108.9940, -62.8980, -38.5300

Achromatopsia

109.0000, -0.0000, 0.0000

Achromatomaly

108.6500, -22.9220, -14.1060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 108.9940, -62.8980, -38.5300 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(25, 151, 113)` looks like.

```
.text, #text, p{  
    color:rgb(25, 151, 113)  
}
```

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(25, 151, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 151, 113) }
```

Border

The CSS property to change the border of an element to YIQ 108.9940, -62.8980, -38.5300 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(25, 151, 113) }
```


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

```
.border{ border-color:rgb(25, 151, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 151, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(25, 151, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(25, 151, 113); box-shadow:4px 4px 4px 4px rgb(25, 151, 113) }
```

Background

The CSS property to change the background color of an element to YIQ 108.9940, -62.8980, -38.5300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 151, 113) }
```

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

```
.background{ background-color: rgb(25, 151,  
113) }
```

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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