

Converting Colors

YIQ(98.2160, -9.5360, -3.3920)

Have a look what the booklet for
YIQ(98.2160, -9.5360, -3.3920)
contains.

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Color

**YIQ(98.2160, -9.5360,
-3.3920)**

Conversions

Conversions Part 1

Format	Color
Hex	576767
RGB	87, 103, 103
RGB Percent	34%, 40%, 40%
CMY	0.6589, 0.5960, 0.5961
CMYK	0.16, 0.00, 0.00, 0.60
HSL	180°, 8%, 37%
HSV	180°, 16%, 40%
XYZ	11.2282, 12.7067, 14.6903
YIQ	98.2160, -9.5360, -3.3920

Conversions

Conversions Part 2

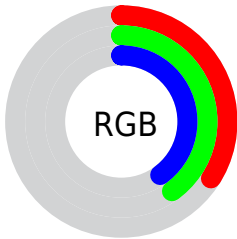
Format	Color
R_{YB}	87, 95, 103
Decimal	5728103
CIE Lab	42.32, -6.03, -2.03
CIE LCh	42, 6.367, 198.589
Yxy	12.7067, 0.2907, 0.3290
Android (android.graphics.Color)	4283918183 (0xFF576767)
YUV	98.2160, 2.3585, -9.8364
Hunter-Lab	35.6464, -6.1560, 0.5185

Details

The YIQ color **98.2160, -9.5360, -3.3920** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **91.7840, 9.5360, 3.3920**, and the grayscale version is **98.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **148.9170, -10.1320, -3.6040**, and **51.5150, -8.9400, -3.1800** is the 20% darker color. If you saturate the color by 10%, you get **95.2260, -15.4960, -5.5120**, and if you desaturate by 10%, it is **101.2060, -3.5760, -1.2720**.

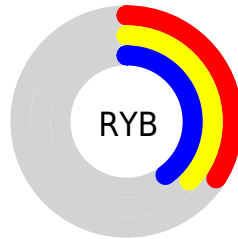
Distribution



Red (34%)

Green (40%)

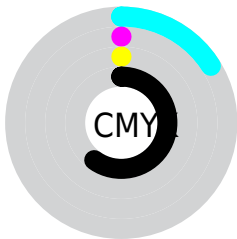
Blue (40%)



Red (34%)

Yellow (37%)

Blue (40%)

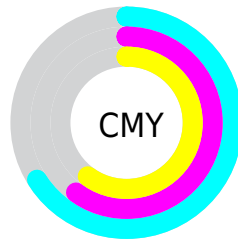


Cyan (16%)

Magenta (0%)

Yellow (0%)

Black (60%)



Cyan (66%)

Magenta (60%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 98.2160, -9.5360, -3.3920 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 98.2160, -9.5360, -3.3920 by changing the saturation by 10% instead.

■ 98.2160, -9.5360,
-3.3920

■ 98.2160, -9.5360,
-3.3920

■ 255.0000, -0.0000,
-0.0000

■ 74.5150, -8.9400,
-3.1800

■ 148.9170,
-10.1320, -3.6040

■ 51.5150, -8.9400,
-3.1800

■ 175.6180,
-10.7280, -3.8160

■ 30.5150, -8.9400,
-3.1800

■ 202.6180,
-10.7280, -3.8160

■ 9.1130, -7.7480,
-2.7560

■ 231.3190,
-11.3240, -4.0280

■ 0.0000, 0.0000,
0.0000

■ 252.6080, -4.7680,
-1.6960

■ 98.2160, -9.5360,
-3.3920

■ 98.2160, -9.5360,
-3.3920

■ 95.2260, -15.4960,
-5.5120

■ 101.2060, -3.5760,
-1.2720

■ 91.9370, -22.0520,
-7.8440

■ 104.4950, 2.9800,
1.0600

■ 88.9470, -28.0120,
-9.9640

■ 107.4850, 8.9400,
3.1800

■ 85.9570, -33.9720,
-12.0840

■ 110.4750, 14.9000,
5.3000

■ 82.6680, -40.5280,
-14.4160

■ 113.4650, 20.8600,
7.4200

■ 79.6780, -46.4880,
-16.5360

■ 116.7540, 27.4160,
9.7520

■ 76.6880, -52.4480,
-18.6560

■ 119.7440, 33.3760,
11.8720

■ 73.6980, -58.4080,

■ 122.7340, 39.3360,

-20.7760

13.9920

■ 72.2030, -61.3880,
-21.8360

■ 126.0230, 45.8920,
16.3240

Harmonies

Analogous

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



98.5430, -6.1430, -4.3110



98.2160, -9.5360, -3.3920



98.4980, -10.2700, -1.1020

Triad

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



98.2160, -9.5360, -3.3920



101.1190, 1.2830, 4.2830



100.0670, 7.0610, -1.3150

Complementary

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



98.2160, -9.5360, -3.3920



91.7840, 9.5360, 3.3920

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.



100.3170, 9.3530, 1.2010



98.2160, -9.5360, -3.3920



101.1580, 5.5470, 4.0990

Square

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



98.2160, -9.5360, -3.3920



99.9550, -4.1270, 3.2090



100.5990, 8.6190, 3.4910



99.7460, 3.5310, -3.4210

Rectangle

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



98.2160, -9.5360, -3.3920



98.6230, -9.1240, 0.1560



100.5990, 8.6190, 3.4910



100.0780, 8.5280, -0.3680

Sweetspot

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



98.2160, -9.5360, -3.3920



132.9070, -4.1720, -1.4840



96.3920, -4.4000, -8.3680



67.8040, -2.3840, -0.8480



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

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



98.2160, -9.5360, -3.3920



127.2260, -15.4960, -5.5120



93.5200, -7.3360, 0.7920



49.5050, -2.9800, -1.0600



80.6150, -68.5400, -24.3800



169.6420, -144.2320, -51.3040

Inverse Universe

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



91.7840, 9.5360, 3.3920



116.8880, 15.1750, 5.8230



96.4800, 7.3360, -0.7920



47.4950, 2.9800, 1.0600



34.3850, 68.5400, 24.3800



72.3580, 144.2320, 51.3040

Previews

White Background



This preview shows how the YIQ color 98.2160, -9.5360, -3.3920 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 98.2160, -9.5360, -3.3920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

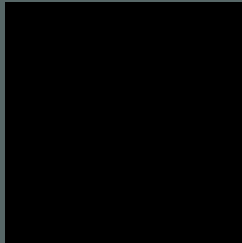
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 98.2160, -9.5360, -3.3920

Background



This preview shows how black text looks on a background with the YIQ color 98.2160, -9.5360, -3.3920.



This preview shows how white text looks on a background with the YIQ color 98.2160, -9.5360, -3.3920.

-3.3920.

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

98.2160, -9.5360, -3.3920

Protanopia

99.8260, 0.5500, 1.0460

Deuteranopia

100.7880, 3.7130, 4.2970



Tritanopia

98.7260, -10.9120, -0.4800

Trichromacy



Original Color

98.2160, -9.5360, -3.3920

Protanomaly

99.0320, -3.0260, -0.2260

Deuteranomaly

99.8690, -1.0090, 1.7670

Tritanomaly

98.3840, -9.9490, -1.4130

Monochromacy



Original Color

98.2160, -9.5360, -3.3920

Achromatopsia

98.0000, -0.0000, -0.0000

Achromatomaly

98.2060, -3.5760, -1.2720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 98.2160, -9.5360, -3.3920 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(87, 103, 103)` looks like.

```
.text, #text, p{  
    color:rgb(87, 103, 103)  
}
```

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(87, 103, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 103, 103) }
```

Border

The CSS property to change the border of an element to YIQ 98.2160, -9.5360, -3.3920 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(87, 103, 103) }
```


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

```
.border{ border-color:rgb(87, 103, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 103, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 103, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 103, 103);  
box-shadow:4px 4px 4px 4px rgb(87, 103,  
103) }
```

Background

The CSS property to change the background color of an element to YIQ 98.2160, -9.5360, -3.3920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 103, 103) }
```

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

```
.background{ background-color: rgb(87, 103,  
103) }
```

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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