

Converting Colors

YIQ(97.7800, -20.1720, -8.8760)

Have a look what the booklet for
YIQ(97.7800, -20.1720, -8.8760)
contains.

YIQ(97.7800, -20.1720, -8.8760)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(97.7800, -20.1720,
-8.8760)**

Conversions

Conversions Part 1

Format	Color
Hex	496D69
RGB	73, 109, 105
RGB Percent	29%, 43%, 41%
CMY	0.7138, 0.5725, 0.5883
CMYK	0.33, 0.00, 0.04, 0.57
HSL	173°, 20%, 36%
HSV	173°, 33%, 43%
XYZ	10.7650, 13.3756, 15.3737
YIQ	97.7800, -20.1720, -8.8760

Conversions

Conversions Part 2

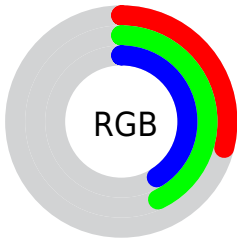
Format	Color
R_{YB}	73, 92, 109
Decimal	4812137
CIE _{Lab}	43.32, -13.79, -1.86
CIE _{LCh}	43, 13.917, 187.689
Yxy	13.3756, 0.2724, 0.3385
Android (android.graphics.Color)	4283002217 (0xFF496D69)
YUV	97.7800, 3.5595, -21.7321
Hunter-Lab	36.5727, -11.4616, 0.6777

Details

The YIQ color **97.7800, -20.1720, -8.8760** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **84.2200, 20.1720, 8.8760**, and the grayscale version is **98.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **149.0680, -21.0430, -9.6110**, and **50.1930, -19.8970, -8.3530** is the 20% darker color. If you saturate the color by 10%, you get **94.3770, -26.4070, -11.5190**, and if you desaturate by 10%, it is **101.1830, -13.9370, -6.2330**.

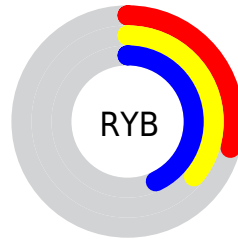
Distribution



Red (29%)

Green (43%)

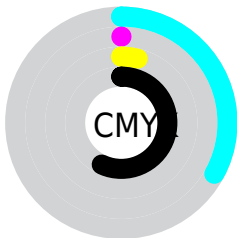
Blue (41%)



Red (29%)

Yellow (36%)

Blue (43%)

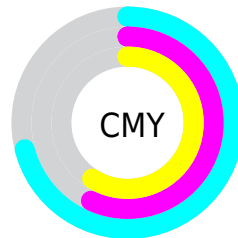


Cyan (33%)

Magenta (0%)

Yellow (4%)

Black (57%)



Cyan (71%)

Magenta (57%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 97.7800, -20.1720, -8.8760 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 97.7800, -20.1720, -8.8760 by changing the saturation by 10% instead.

■ 97.7800, -20.1720,
-8.8760

■ 97.7800, -20.1720,
-8.8760

■ 255.0000, -0.0000,
-0.0000

■ 73.7800, -20.1720,
-8.8760

■ 149.0680,
-21.0430, -9.6110

■ 50.1930, -19.8970,
-8.3530

■ 175.7690,
-21.6390, -9.8230

■ 27.5950, -21.0890,
-8.7770

■ 202.8830,
-21.9600, -9.5120

■ 13.4500, -10.3150,
-5.7950

■ 231.4700,
-22.2350, -10.0350

■ 0.0000, 0.0000,
0.0000

■ 248.1230,
-13.7080, -4.8760

■ 97.7800, -20.1720,
-8.8760

■ 97.7800, -20.1720,
-8.8760

■ 94.3770, -26.4070,
-11.5190

■ 101.1830,
-13.9370, -6.2330

■ 90.9740, -32.6420,
-14.1620

■ 104.5860, -7.7020,
-3.5900

■ 87.4570, -38.5560,
-17.1160

■ 108.1030, -1.7880,
-0.6360

■ 84.0540, -44.7910,
-19.7590

■ 111.5060, 4.4470,
2.0070

■ 80.6510, -51.0260,
-22.4020

■ 114.6100, 10.0860,
4.4380

■ 77.5470, -56.6650,
-24.8330

■ 118.0130, 16.3210,
7.0810

■ 75.0410, -61.1120,
-26.8400

■ 121.5300, 22.2350,
10.0350

■ 124.9330, 28.4700,

12.6780

■ 128.3360, 34.7050,
15.3210

Harmonies

Analogous

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



98.5160, -10.6810, -10.1770



97.7800, -20.1720, -8.8760



97.8490, -24.6200, -5.3560

Triad

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



97.7800, -20.1720, -8.8760



103.6120, -1.4230, 9.2730



102.9280, 17.6980, -1.3580

Complementary

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



97.7800, -20.1720, -8.8760



84.2200, 20.1720, 8.8760

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.



103.8730, 19.5310, 3.9710



97.7800, -20.1720, -8.8760



104.2990, 9.7640, 10.2760

Square

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



97.7800, -20.1720, -8.8760



101.9310, -12.7470, 5.2450



104.2520, 17.1460, 8.6500



101.8730, 10.3630, -6.0930

Rectangle

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



97.7800, -20.1720, -8.8760



99.0280, -23.5660, -2.4300



104.2520, 17.1460, 8.6500



103.4660, 19.1190, 0.4230

Sweetspot

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



97.7800, -20.1720, -8.8760



138.5860, -7.7020, -3.5900



95.3280, -7.5160, -17.9800



68.4940, -4.4470, -2.0070



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



97.7800, -20.1720, -8.8760



125.1590, -31.7250, -14.2610



90.0180, -17.6060, -0.3100



52.0920, -3.2550, -1.5830



80.5350, -65.5590, -28.8470



168.5530, -137.0320, -60.6480

Inverse Universe

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



84.2200, 20.1720, 8.8760



103.7270, 32.0460, 13.9500



91.9820, 17.6060, 0.3100



49.9080, 3.2550, 1.5830



36.4650, 65.5590, 28.8470



76.3330, 137.3530, 60.3370

Previews

White Background



This preview shows how the YIQ color 97.7800, -20.1720, -8.8760 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 97.7800, -20.1720, -8.8760 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 97.7800, -20.1720, -8.8760

Background



This preview shows how black text looks on a background with the YIQ color 97.7800, -20.1720, -8.8760.



This preview shows how white text looks on a background with the YIQ color 97.7800, -20.1720,

-8.8760.

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

97.7800, -20.1720, -8.8760

Protanopia

102.4840, 1.5130, 0.1130

Deuteranopia

103.2010, 3.9880, 4.8200



Tritanopia

98.7570, -21.3650, -3.7730

Trichromacy



Original Color

97.7800, -20.1720, -8.8760

Protanomaly

101.0700, -6.1890, -3.4770

Deuteranomaly

101.5480, -4.5390, -0.3390

Tritanomaly

98.5890, -20.9520, -5.7520

Monochromacy



Original Color

97.7800, -20.1720, -8.8760

Achromatopsia

98.0000, -0.0000, -0.0000

Achromatomaly

97.9990, -7.4270, -3.0670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 97.7800, -20.1720, -8.8760 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(73, 109, 105)` looks like.

```
.text, #text, p{  
    color:rgb(73, 109, 105)  
}
```

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(73, 109, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 109, 105) }
```

Border

The CSS property to change the border of an element to YIQ 97.7800, -20.1720, -8.8760 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(73, 109, 105) }
```


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

```
.border{ border-color:rgb(73, 109, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 109, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 109, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 109, 105);  
box-shadow:4px 4px 4px 4px rgb(73, 109,  
105) }
```

Background

The CSS property to change the background color of an element to YIQ 97.7800, -20.1720, -8.8760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 109, 105) }
```

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

```
.background{ background-color: rgb(73, 109,  
105) }
```

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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