

Converting Colors

YIQ(108.1060, -5.8700, 7.2660)

Have a look what the booklet for
YIQ(108.1060, -5.8700, 7.2660)
contains.

YIQ(108.1060, -5.8700, 7.2660)	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(108.1060, -5.8700,
7.2660)**

Conversions

Conversions Part 1

Format	Color
Hex	6B697F
RGB	107, 105, 127
RGB Percent	42%, 41%, 50%
CMY	0.5804, 0.5882, 0.5020
CMYK	0.16, 0.17, 0.00, 0.50
HSL	245°, 9%, 45%
HSV	245°, 17%, 50%
XYZ	14.9456, 14.7611, 22.1366
YIQ	108.1060, -5.8700, 7.2660

Conversions

Conversions Part 2

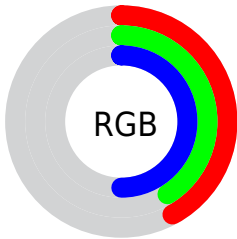
Format	Color
R_{YB}	107, 105, 127
Decimal	7039359
CIE Lab	45.31, 5.63, -11.90
CIE LCh	45, 13.166, 295.303
Yxy	14.7611, 0.2883, 0.2847
Android (android.graphics.Color)	4285229439 (0xFF6B697F)
YUV	108.1060, 9.3147, -0.9700
Hunter-Lab	38.4202, 2.2016, -7.2671

Details

The YIQ color $108.1060, -5.8700, 7.2660$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $123.8940, 5.8700, -7.2660$, and the grayscale version is $108.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $159.6330, -5.9160, 8.1000$, and $60.5790, -5.8240, 6.4320$ is the 20% darker color. If you saturate the color by 10%, you get $96.8870, -9.4470, 11.5210$, and if you desaturate by 10%, it is $119.3250, -2.2930, 3.0110$.

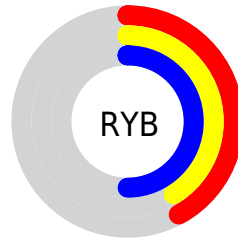
Distribution



Red (42%)

Green (41%)

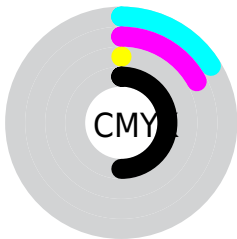
Blue (50%)



Red (42%)

Yellow (41%)

Blue (50%)

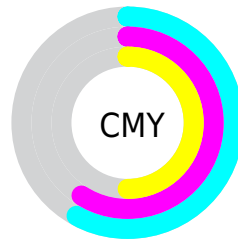


Cyan (16%)

Magenta (17%)

Yellow (0%)

Black (50%)



Cyan (58%)

Magenta (59%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 108.1060, -5.8700, 7.2660 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 108.1060, -5.8700, 7.2660 by changing the saturation by 10% instead.

■ 108.1060, -5.8700,
7.2660

■ 108.1060, -5.8700,
7.2660

■ 255.0000, -0.0000,
-0.0000

■ 83.9920, -5.5490,
6.9550

■ 159.6330, -5.9160,
8.1000

■ 60.5790, -5.8240,
6.4320

■ 186.6330, -5.9160,
8.1000

■ 38.4650, -5.5030,
6.1210

■ 214.4480, -6.8330,
8.1990

■ 17.7640, -4.9070,
6.3330

■ 241.7210, -3.3480,
5.6120

■ 1.0260, -2.8890,
2.7990

■ 0.0000, 0.0000,
0.0000

■ 108.1060, -5.8700,
7.2660

■ 108.1060, -5.8700,
7.2660

■ 96.8870, -9.4470,
11.5210

■ 119.3250, -2.2930,
3.0110

■ 86.5540, -12.7030,
15.4650

■ 129.6580, 0.9630,
-0.9330

■ 75.3350, -16.2800,
19.7200

■ 140.8770, 4.5400,
-5.1880

■ 64.4150, -19.2610,
24.1870

■ 151.7970, 7.5210,
-9.6550

■ 53.7830, -23.1130,
27.9190

■ 162.4290, 11.3730,
-13.3870

■ 42.8630, -26.0940,
32.3860

■ 173.3490, 14.3540,
-17.8540

■ 31.6440, -29.6710,
36.6410

■ 184.5680, 17.9310,
-22.1090

■ 20.7240, -32.6520,

■ 195.4880, 20.9120,

41.1080

-26.5760

■ 18.0660, -33.6150,
42.0410

■ 206.1200, 24.7640,
-30.3080

Harmonies

Analogous

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



106.4960, -15.9560, 2.8280



108.1060, -5.8700, 7.2660



109.4340, 4.9500, 9.4140

Triad

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



108.1060, -5.8700, 7.2660



107.8080, 18.1560, 1.3560



103.1180, -15.3120, -8.8480

Complementary

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



108.1060, -5.8700, 7.2660



123.8940, 5.8700, -7.2660

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.



104.2670, -5.5460, -9.6260



108.1060, -5.8700, 7.2660



106.8950, 13.2970, -4.1990

Square

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



108.1060, -5.8700, 7.2660



108.7420, 18.5220, 5.7380



105.5950, 5.2740, -7.4780



102.8770, -21.8230, -6.4870

Rectangle

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



108.1060, -5.8700, 7.2660



109.2560, 11.3230, 9.5550



105.5950, 5.2740, -7.4780



103.5590, -12.2400, -9.4560

Sweetspot

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



108.1060, -5.8700, 7.2660



158.3250, -2.2930, 3.0110



119.2480, -12.5620, -3.6180



79.8690, -1.0090, 1.7670



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.



108.1060, -5.8700, 7.2660



135.8870, -9.4470, 11.5210



111.3950, 0.6860, 9.5980



58.0970, -1.6510, 2.3890



18.1800, -33.9360, 42.3520



0.0000, 0.0000, 0.0000

Inverse Universe

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



113.8580, 6.6920, 10.8840



145.1130, 10.5880, 17.3720



120.6050, -0.6860, -9.5980



59.7770, 2.2460, 3.3500



51.4960, 39.0520, 63.2120



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 108.1060, -5.8700, 7.2660 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 108.1060, -5.8700, 7.2660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

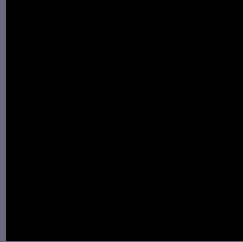
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 108.1060, -5.8700, 7.2660

Background



This preview shows how black text looks on a background with the YIQ color 108.1060, -5.8700, 7.2660.



This preview shows how white text looks on a background with the YIQ color 108.1060, -5.8700,

7.2660.

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

108.1060, -5.8700, 7.2660

Protanopia

107.6110, -8.8500, 6.2060

Deuteranopia

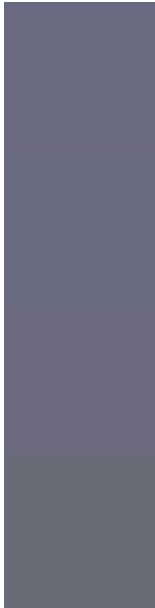
108.4050, -5.2740, 7.4780



Tritanopia

107.3140, -3.7600, 2.0640

Trichromacy



Original Color

108.1060, -5.8700, 7.2660

Protanomaly

107.9100, -8.2540, 6.4180

Deuteranomaly

108.4050, -5.2740, 7.4780

Tritanomaly

107.4820, -4.1730, 4.0430

Monochromacy



Original Color

108.1060, -5.8700, 7.2660

Achromatopsia

108.0000, -0.0000, 0.0000

Achromatomaly

108.2110, -1.9720, 2.7000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 108.1060, -5.8700, 7.2660 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(107, 105, 127)` looks like.

```
.text, #text, p{  
    color:rgb(107, 105, 127)  
}
```

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(107, 105, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 105, 127) }
```

Border

The CSS property to change the border of an element to YIQ 108.1060, -5.8700, 7.2660 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(107, 105, 127) }
```


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

```
.border{ border-color:rgb(107, 105, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 105, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 105, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 105, 127);  
box-shadow:4px 4px 4px 4px rgb(107, 105,  
127) }
```

Background

The CSS property to change the background color of an element to YIQ 108.1060, -5.8700, 7.2660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 105, 127) }
```

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

```
.background{ background-color: rgb(107,  
105, 127) }
```

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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