

Converting Colors

YIQ(107.1760, 5.1360, -4.9760)

Have a look what the booklet for
YIQ(107.1760, 5.1360, -4.9760)
contains.

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Color

**YIQ(107.1760, 5.1360,
-4.9760)**

Conversions

Conversions Part 1

Format	Color
Hex	6D6D5D
RGB	109, 109, 93
RGB Percent	43%, 43%, 36%
CMY	0.5726, 0.5725, 0.6353
CMYK	0.00, 0.00, 0.15, 0.57
HSL	60°, 8%, 40%
HSV	60°, 15%, 43%
XYZ	13.7512, 14.9788, 12.5243
YIQ	107.1760, 5.1360, -4.9760

Conversions

Conversions Part 2

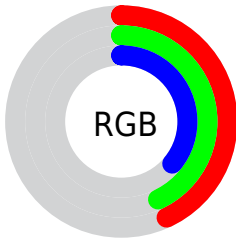
Format	Color
R_{YB}	93, 109, 93
Decimal	7171421
CIE Lab	45.61, -3.05, 8.95
CIE LCh	46, 9.457, 108.847
Yxy	14.9788, 0.3333, 0.3631
Android (android.graphics.Color)	4285361501 (0xFF6D6D5D)
YUV	107.1760, -6.9888, 1.5996
Hunter-Lab	38.7024, -4.3074, 7.9052

Details

The YIQ color $107.1760, 5.1360, -4.9760$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $94.8240, -5.1360, 4.9760$, and the grayscale version is $107.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $158.3610, 6.0530, -5.0750$, and $59.9910, 4.2190, -4.8770$ is the 20% darker color. If you saturate the color by 10%, you get $105.9220, 8.6670, -8.3970$, and if you desaturate by 10%, it is $108.4300, 1.6050, -1.5550$.

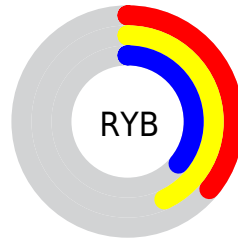
Distribution



Red (43%)

Green (43%)

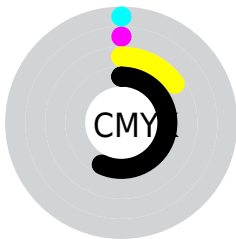
Blue (36%)



Red (36%)

Yellow (43%)

Blue (36%)

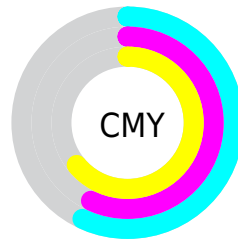


Cyan (0%)

Magenta (0%)

Yellow (15%)

Black (57%)



Cyan (57%)

Magenta (57%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 107.1760, 5.1360, -4.9760 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 107.1760, 5.1360, -4.9760 by changing the saturation by 10% instead.

■ 107.1760, 5.1360,
-4.9760

■ 107.1760, 5.1360,
-4.9760

■ 255.0000, -0.0000,
-0.0000

■ 83.1760, 5.1360,
-4.9760

■ 158.3610, 6.0530,
-5.0750

■ 59.9910, 4.2190,
-4.8770

■ 185.3610, 6.0530,
-5.0750

■ 38.1050, 3.8980,
-4.5660

■ 212.9480, 5.7780,
-5.5980

■ 17.1330, 6.6950,
-5.6970

■ 241.8340, 6.0990,
-5.9090

■ 0.0000, 0.0000,
0.0000

■ 254.8860, 0.3210,
-0.3110

■ 107.1760, 5.1360,
-4.9760

■ 107.1760, 5.1360,
-4.9760

■ 105.9220, 8.6670,
-8.3970

■ 108.4300, 1.6050,
-1.5550

■ 104.6680, 12.1980,
-11.8180

■ 109.6840, -1.9260,
1.8660

■ 103.4140, 15.7290,
-15.2390

■ 110.9380, -5.4570,
5.2870

■ 102.1600, 19.2600,
-18.6600

■ 112.1920, -8.9880,
8.7080

■ 101.0200, 22.4700,
-21.7700

■ 113.4460,
-12.5190, 12.1290

■ 99.7660, 26.0010,
-25.1910

■ 114.5860,
-15.7290, 15.2390

■ 98.5120, 29.5320,
-28.6120

■ 115.8400,
-19.2600, 18.6600

■ 97.2580, 33.0630,

■ 117.0940,

-32.0330

-22.7910, 22.0810

■ 96.5740, 34.9890,
-33.8990

■ 118.3480,
-26.3220, 25.5020

Harmonies

Analogous

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



107.8070, 10.7290, -1.7110



107.1760, 5.1360, -4.9760



106.1150, -2.0620, -6.6860

Triad

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



107.1760, 5.1360, -4.9760



106.0350, -16.2760, -2.3880



109.5930, 8.7560, 6.5160

Complementary

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



107.1760, 5.1360, -4.9760



94.8240, -5.1360, 4.9760

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.



108.8850, 2.0620, 6.6860



107.1760, 5.1360, -4.9760



107.2960, -12.5170, 1.0750

Square

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



107.1760, 5.1360, -4.9760



105.5250, -14.9000, -5.3000



108.5250, -5.7320, 4.7640



109.5780, 13.1120, 4.6640

Rectangle

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



107.1760, 5.1360, -4.9760



105.4780, -7.5180, -6.9260



108.5250, -5.7320, 4.7640



109.3370, 6.6010, 7.0250

Sweetspot

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



107.1760, 5.1360, -4.9760



142.3160, 1.9260, -1.8660



97.7840, 9.5360, 3.3920



70.6580, 0.9630, -0.9330



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.



107.1760, 5.1360, -4.9760



140.0360, 8.3460, -8.0860



104.7840, 0.3680, -6.6720



53.3160, 1.9260, -1.8660



103.6620, 37.5570, -36.3870



217.0700, 78.6450, -76.1950

Inverse Universe

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



94.8240, -5.1360, 4.9760



119.9640, -8.3460, 8.0860



97.2160, -0.3680, 6.6720



48.6840, -1.9260, 1.8660



13.3380, -37.5570, 36.3870



27.9300, -78.6450, 76.1950

Previews

White Background



This preview shows how the YIQ color 107.1760, 5.1360, -4.9760 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 107.1760, 5.1360, -4.9760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

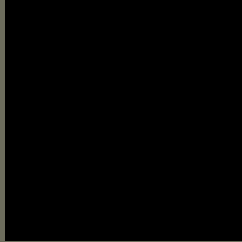
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 107.1760, 5.1360, -4.9760

Background



This preview shows how black text looks on a background with the YIQ color 107.1760, 5.1360, -4.9760.



This preview shows how white text looks on a background with the YIQ color 107.1760, 5.1360,

-4.9760.

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

107.1760, 5.1360, -4.9760

Protanopia

107.6710, 8.1160, -3.9160

Deuteranopia

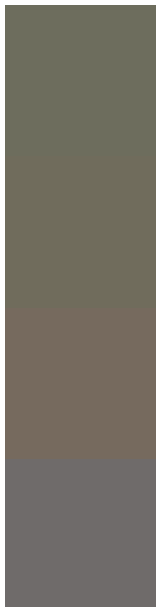
108.5410, 14.5340, 0.9180



Tritanopia

108.7060, 1.0080, 3.7600

Trichromacy



Original Color

107.1760, 5.1360, -4.9760

Protanomaly

107.3720, 7.5200, -4.1280

Deuteranomaly

108.2200, 11.0040, -1.1880

Tritanomaly

108.0820, 2.7050, 0.5370

Monochromacy



Original Color

107.1760, 5.1360, -4.9760

Achromatopsia

107.0000, -0.0000, 0.0000

Achromatomaly

107.3160, 1.9260, -1.8660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 107.1760, 5.1360, -4.9760 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(109, 109, 93)` looks like.

```
.text, #text, p{  
    color:rgb(109, 109, 93)  
}
```

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(109, 109, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 109, 93) }
```

Border

The CSS property to change the border of an element to YIQ 107.1760, 5.1360, -4.9760 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(109, 109, 93) }
```


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

```
.border{ border-color:rgb(109, 109, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 109, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 109, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 109, 93);  
box-shadow:4px 4px 4px 4px rgb(109, 109,  
93) }
```

Background

The CSS property to change the background color of an element to YIQ 107.1760, 5.1360, -4.9760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 109, 93) }
```

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

```
.background{ background-color: rgb(109,  
109, 93) }
```

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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