

Converting Colors

YIQ(106.3780, 16.5510, 2.9110)

Have a look what the booklet for
YIQ(106.3780, 16.5510, 2.9110)
contains.

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Color

**YIQ(106.3780, 16.5510,
2.9110)**

Conversions

Conversions Part 1

Format	Color
Hex	7C645D
RGB	124, 100, 93
RGB Percent	49%, 39%, 36%
CMY	0.5137, 0.6079, 0.6352
CMYK	0.00, 0.19, 0.25, 0.51
HSL	13°, 14%, 43%
HSV	14°, 25%, 49%
XYZ	14.8469, 14.1891, 12.3164
YIQ	106.3780, 16.5510, 2.9110

Conversions

Conversions Part 2

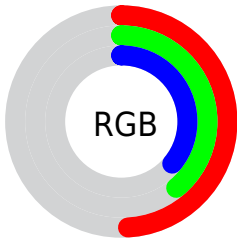
Format	Color
R_{YB}	124, 102, 93
Decimal	8152157
CIE Lab	44.50, 8.49, 7.59
CIE LCh	45, 11.389, 41.797
Yxy	14.1891, 0.3590, 0.3431
Android (android.graphics.Color)	4286342237 (0xFF7C645D)
YUV	106.3780, -6.5954, 15.4545
Hunter-Lab	37.6685, 4.4355, 6.9820

Details

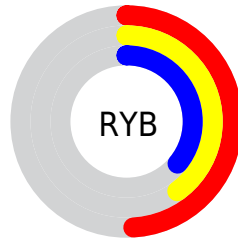
The YIQ color **106.3780, 16.5510, 2.9110** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **110.6220, -16.5510, -2.9110**, and the grayscale version is **106.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **157.8620, 18.0640, 3.0240**, and **58.5950, 14.4420, 2.5860** is the 20% darker color. If you saturate the color by 10%, you get **99.1400, 23.1530, 4.4090**, and if you desaturate by 10%, it is **113.6160, 9.9490, 1.4130**.

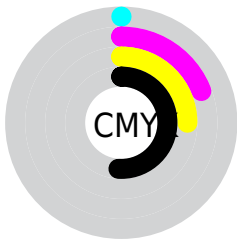
Distribution



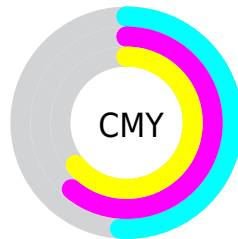
- Red (49%)
- Green (39%)
- Blue (36%)



- Red (49%)
- Yellow (40%)
- Blue (36%)



- Cyan (0%)
- Magenta (19%)
- Yellow (25%)
- Black (51%)



- Cyan (51%)
- Magenta (61%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 106.3780, 16.5510, 2.9110 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 106.3780, 16.5510, 2.9110 by changing the saturation by 10% instead.

■ 106.3780, 16.5510,
2.9110

■ 106.3780, 16.5510,
2.9110

255.0000, -0.0000,
-0.0000

■ 82.0790, 15.9550,
2.6990

■ 157.8620, 18.0640,
3.0240

■ 58.5950, 14.4420,
2.5860

■ 185.1610, 18.6600,
3.2360

■ 36.9970, 13.2500,
2.1620

■ 212.4600, 19.2560,
3.4480

■ 14.8510, 16.5970,
2.0770

■ 238.6660, 15.6800,
2.1760

■ 0.0000, 0.0000,
0.0000

254.8860, 0.3210,
-0.3110

■ 106.3780, 16.5510,
2.9110

■ 106.3780, 16.5510,
2.9110

■ 99.1400, 23.1530,
4.4090

■ 113.6160, 9.9490,
1.4130

■ 92.3750, 29.8010,
5.0730

■ 120.3810, 3.3010,
0.7490

■ 85.1370, 36.4030,
6.5710

■ 127.6190, -3.3010,
-0.7490

■ 78.3720, 43.0510,
7.2350

■ 134.3840, -9.9490,
-1.4130

■ 71.1340, 49.6530,
8.7330

■ 141.6220,
-16.5510, -2.9110

■ 63.8960, 56.2550,
10.2310

■ 148.8600,
-23.1530, -4.4090

■ 57.1310, 62.9030,
10.8950

■ 155.6250,
-29.8010, -5.0730

■ 53.5120, 66.2040,

■ 162.8630,

11.6440

-36.4030, -6.5710

■ 169.6280,
-43.0510, -7.2350

Harmonies

Analogous

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



107.1160, 14.5330, 6.4450



106.3780, 16.5510, 2.9110



105.7750, 13.7550, -1.4850

Triad

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



106.3780, 16.5510, 2.9110



102.1680, -9.5810, -8.0850



105.6710, -9.0790, 4.8490

Complementary

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



106.3780, 16.5510, 2.9110



110.6220, -16.5510, -2.9110

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.



103.7300, -16.7350, 0.4250



106.3780, 16.5510, 2.9110



101.8020, -17.2380, -6.9820

Square

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



106.3780, 16.5510, 2.9110



103.6590, -0.7780, -7.9300



102.1270, -19.5310, -3.9710



106.9280, 0.5030, 7.4070

Rectangle

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



106.3780, 16.5510, 2.9110



104.9270, 10.2710, -4.4250



102.1270, -19.5310, -3.9710



104.7630, -12.3340, 3.2660

Sweetspot

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



106.3780, 16.5510, 2.9110



154.3490, 6.3270, 0.9750



105.0050, 10.7720, 14.0360



78.2670, 3.6220, 0.4380



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



106.3780, 16.5510, 2.9110



133.1080, 26.1790, 4.6350



115.1830, 12.4260, -4.9340



57.3810, 3.3010, 0.7490



53.8110, 66.8000, 11.8560



108.8070, 134.5170, 23.6130

Inverse Universe

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



110.6220, -16.5510, -2.9110



139.8920, -26.1790, -4.6350



101.8170, -12.4260, 4.9340



58.6190, -3.3010, -0.7490



71.1890, -66.8000, -11.8560



143.7800, -134.7920, -24.1360

Previews

White Background



This preview shows how the YIQ color 106.3780, 16.5510, 2.9110 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 106.3780, 16.5510, 2.9110 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 106.3780, 16.5510, 2.9110

Background



This preview shows how black text looks on a background with the YIQ color 106.3780, 16.5510, 2.9110.



This preview shows how white text looks on a background with the YIQ color 106.3780, 16.5510,

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

106.3780, 16.5510, 2.9110

Protanopia

105.4690, 5.8690, -1.7390

Deuteranopia

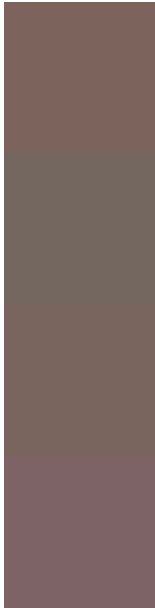
106.3560, 13.6170, 1.0170



Tritanopia

106.9850, 13.5240, 8.2120

Trichromacy



Original Color

106.3780, 16.5510, 2.9110

Protanomaly

105.6760, 9.7200, 0.0560

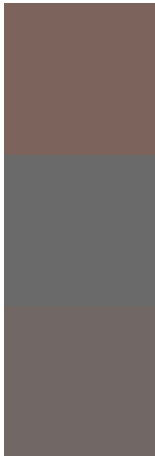
Deuteranomaly

106.0680, 14.4880, 1.7520

Tritanomaly

107.0020, 14.8540, 6.1340

Monochromacy



Original Color

106.3780, 16.5510, 2.9110

Achromatopsia

106.0000, -0.0000, -0.0000

Achromatomaly

106.3490, 6.3270, 0.9750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 106.3780, 16.5510, 2.9110 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(124, 100, 93)` looks like.

```
.text, #text, p{  
    color:rgb(124, 100, 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(124, 100, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 100, 93) }
```

Border

The CSS property to change the border of an element to YIQ 106.3780, 16.5510, 2.9110 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(124, 100, 93) }
```


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

```
.border{ border-color:rgb(124, 100, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 100, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 100, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 100, 93);  
box-shadow:4px 4px 4px 4px rgb(124, 100,  
93) }
```

Background

The CSS property to change the background color of an element to YIQ 106.3780, 16.5510, 2.9110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 100, 93) }
```

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

```
.background{ background-color: rgb(124,  
100, 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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