

Converting Colors

YIQ(116.8760, 6.2810, 1.8090)

Have a look what the booklet for
YIQ(116.8760, 6.2810, 1.8090)
contains.

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Color

**YIQ(116.8760, 6.2810,
1.8090)**

Conversions

Conversions Part 1

Format	Color
Hex	7C7271
RGB	124, 114, 113
RGB Percent	49%, 45%, 44%
CMY	0.5137, 0.5529, 0.5568
CMYK	0.00, 0.08, 0.09, 0.51
HSL	5°, 5%, 46%
HSV	5°, 9%, 49%
XYZ	17.3109, 17.5116, 18.0924
YIQ	116.8760, 6.2810, 1.8090

Conversions

Conversions Part 2

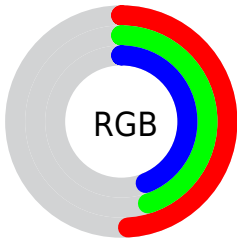
Format	Color
R_{YB}	124, 114, 113
Decimal	8155761
CIE Lab	48.90, 3.69, 1.94
CIE LCh	49, 4.165, 27.762
Yxy	17.5116, 0.3271, 0.3309
Android (android.graphics.Color)	4286345841 (0xFF7C7271)
YUV	116.8760, -1.9109, 6.2477
Hunter-Lab	41.8469, 0.6084, 3.6589

Details

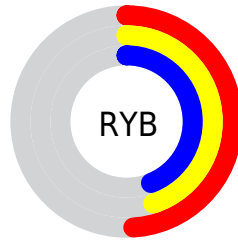
The YIQ color **116.8760, 6.2810, 1.8090** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **120.1240, -6.2810, -1.8090**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **169.1750, 6.8770, 2.0210**, and **68.5770, 5.6850, 1.5970** is the 20% darker color. If you saturate the color by 10%, you get **109.0510, 13.1580, 3.8300**, and if you desaturate by 10%, it is **124.7010, -0.5960, -0.2120**.

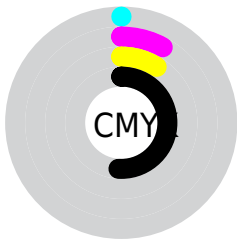
Distribution



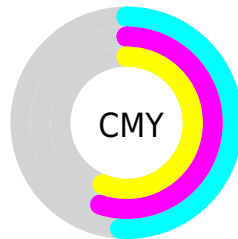
- Red (49%)
- Green (45%)
- Blue (44%)



- Red (49%)
- Yellow (45%)
- Blue (44%)



- Cyan (0%)
- Magenta (8%)
- Yellow (9%)
- Black (51%)



- Cyan (51%)
- Magenta (55%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 116.8760, 6.2810, 1.8090 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 116.8760, 6.2810, 1.8090 by changing the saturation by 10% instead.

■ 116.8760, 6.2810,
1.8090

■ 116.8760, 6.2810,
1.8090

255.0000, -0.0000,
-0.0000

■ 92.5770, 5.6850,
1.5970

■ 169.1750, 6.8770,
2.0210

■ 68.5770, 5.6850,
1.5970

■ 196.1750, 6.8770,
2.0210

■ 46.2780, 5.0890,
1.3850

■ 224.1750, 6.8770,
2.0210

■ 25.9790, 4.4930,
1.1730

■ 250.6800, 3.8970,
0.9610

■ 0.0000, 0.0000,
0.0000

■ 116.8760, 6.2810,

■ 116.8760, 6.2810,

1.8090

1.8090

■ 109.0510, 13.1580,
3.8300

■ 124.7010, -0.5960,
-0.2120

■ 100.5250, 20.6310,
6.0630

■ 133.2270, -8.0690,
-2.4450

■ 92.7000, 27.5080,
8.0840

■ 141.0520,
-14.9460, -4.4660

■ 84.7610, 34.7060,
9.7940

■ 148.9910,
-22.1440, -6.1760

■ 76.9360, 41.5830,
11.8150

■ 156.8160,
-29.0210, -8.1970

■ 68.5240, 48.7350,
14.3590

■ 165.2280,
-36.1730, -10.7410

■ 60.5850, 55.9330,
16.0690

■ 173.1670,
-43.3710, -12.4510

■ 52.7600, 62.8100,
18.0900

■ 180.9920,
-50.2480, -14.4720

■ 44.2340, 70.2830,
20.3230

■ 189.5180,
-57.7210, -16.7050

Harmonies

Analogous

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



117.0330, 4.4010, 2.8410



116.8760, 6.2810, 1.8090



116.8220, 6.3730, 0.1410

Triad

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



116.8760, 6.2810, 1.8090



115.5220, -1.6500, -3.1380



116.1890, -4.9060, 0.8060

Complementary

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



116.8760, 6.2810, 1.8090



120.1240, -6.2810, -1.8090

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.



115.7650, -6.6480, -0.6640



116.8760, 6.2810, 1.8090



115.0810, -4.7220, -2.5300

Square

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



116.8760, 6.2810, 1.8090



115.9030, 1.6510, -2.3890



115.1240, -6.2810, -1.8090



116.3960, -1.0550, 2.6010

Rectangle

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



116.8760, 6.2810, 1.8090



116.1100, 5.5020, -0.5940



115.1240, -6.2810, -1.8090



115.8900, -5.5020, 0.5940

Sweetspot

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



116.8760, 6.2810, 1.8090



157.4950, 2.9800, 1.0600



117.4290, 3.3460, 5.4420



79.7830, 2.1090, 0.3250



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.



116.8760, 6.2810, 1.8090



149.5560, 10.1780, 2.7700



119.8110, 4.9060, -0.8060



57.3810, 3.3010, 0.7490



43.8320, 71.4750, 20.7470



88.8490, 143.8670, 41.3950

Inverse Universe

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



120.1240, -6.2810, -1.8090



154.4440, -10.1780, -2.7700



117.1890, -4.9060, 0.8060



59.2060, -3.5760, -1.2720



81.1680, -71.4750, -20.7470



163.7380, -144.1420, -41.9180

Previews

White Background



This preview shows how the YIQ color 116.8760, 6.2810, 1.8090 looks on a white background.

Color Contrast Check

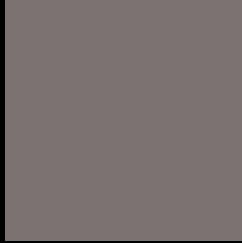
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.8760, 6.2810, 1.8090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

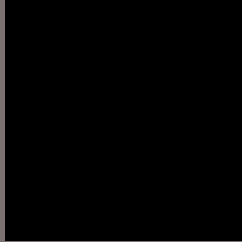
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 116.8760, 6.2810, 1.8090

Background



This preview shows how black text looks on a background with the YIQ color 116.8760, 6.2810, 1.8090.



This preview shows how white text looks on a background with the YIQ color 116.8760, 6.2810,

1.8090.

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

116.8760, 6.2810, 1.8090

Protanopia

116.6690, 2.4300, 0.0140

Deuteranopia

116.8980, 9.2150, 3.7030



Tritanopia

117.6140, 4.2630, 5.3430

Trichromacy



Original Color

116.8760, 6.2810, 1.8090

Protanomaly

116.6800, 3.8970, 0.9610

Deuteranomaly

117.1860, 8.3440, 2.9680

Tritanomaly

117.2720, 5.2260, 4.4100

Monochromacy



Original Color

116.8760, 6.2810, 1.8090

Achromatopsia

117.0000, -0.0000, 0.0000

Achromatomaly

117.1960, 2.3840, 0.8480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 116.8760, 6.2810, 1.8090 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, 114, 113)` looks like.

```
.text, #text, p{  
    color:rgb(124, 114, 113)  
}
```

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, 114, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 114, 113) }
```

Border

The CSS property to change the border of an element to YIQ 116.8760, 6.2810, 1.8090 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, 114, 113) }
```


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

```
.border{ border-color:rgb(124, 114, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 114, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 114, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 114, 113);  
box-shadow:4px 4px 4px 4px rgb(124, 114,  
113) }
```

Background

The CSS property to change the background color of an element to YIQ 116.8760, 6.2810, 1.8090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 114, 113) }
```

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

```
.background{ background-color: rgb(124,  
114, 113) }
```

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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