

Converting Colors

YIQ(113.2690, 18.4760, 6.5720)

Have a look what the booklet for
YIQ(113.2690, 18.4760, 6.5720)
contains.

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Color

**YIQ(113.2690, 18.4760,
6.5720)**

Conversions

Conversions Part 1

Format	Color
Hex	876868
RGB	135, 104, 104
RGB Percent	53%, 41%, 41%
CMY	0.4705, 0.5922, 0.5921
CMYK	0.00, 0.23, 0.23, 0.47
HSL	360°, 13%, 47%
HSV	360°, 23%, 53%
XYZ	17.4433, 16.0503, 15.2803
YIQ	113.2690, 18.4760, 6.5720

Conversions

Conversions Part 2

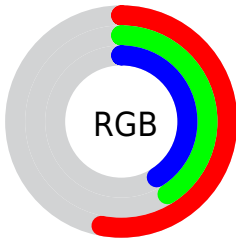
Format	Color
R_{YB}	135, 104, 104
Decimal	8874088
CIE _{Lab}	47.04, 12.41, 4.76
CIE _{LCh}	47, 13.295, 20.966
Yxy	16.0503, 0.3576, 0.3291
Android (android.graphics.Color)	4287064168 (0xFF876868)
YUV	113.2690, -4.5696, 19.0581
Hunter-Lab	40.0628, 7.6088, 5.4302

Details

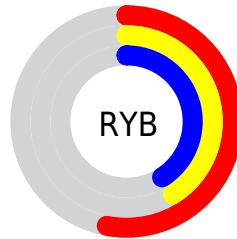
The YIQ color **113.2690, 18.4760, 6.5720** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **125.7310, -18.4760, -6.5720**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **165.1660, 20.2640, 7.2080**, and **65.3720, 16.6880, 5.9360** is the 20% darker color. If you saturate the color by 10%, you get **103.5690, 26.4990, 9.8510**, and if you desaturate by 10%, it is **122.4960, 10.4070, 4.1270**.

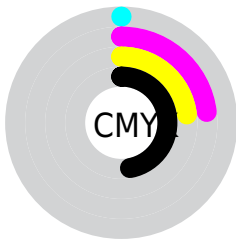
Distribution



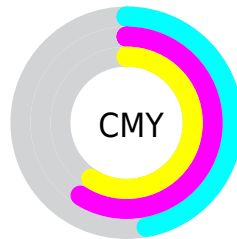
- Red (53%)
- Green (41%)
- Blue (41%)



- Red (53%)
- Yellow (41%)
- Blue (41%)



- Cyan (0%)
- Magenta (23%)
- Yellow (23%)
- Black (47%)



- Cyan (47%)
- Magenta (59%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 113.2690, 18.4760, 6.5720 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 113.2690, 18.4760, 6.5720 by changing the saturation by 10% instead.

■ 113.2690, 18.4760,
6.5720

■ 113.2690, 18.4760,
6.5720

255.0000, -0.0000,
-0.0000

■ 88.6710, 17.2840,
6.1480

■ 165.1660, 20.2640,
7.2080

■ 65.3720, 16.6880,
5.9360

■ 192.4650, 20.8600,
7.4200

■ 42.8880, 15.1750,
5.8230

■ 220.3510, 21.1810,
7.1090

■ 21.1760, 14.3040,
5.0880

■ 243.0830, 10.1320,
3.6040

■ 0.0000, 0.0000,
0.0000

■ 113.2690, 18.4760,

■ 113.2690, 18.4760,

6.5720

■ 103.5690, 26.4990,
9.8510

■ 94.3420, 34.5680,
12.2960

■ 84.6420, 42.5910,
15.5750

■ 75.4150, 50.6600,
18.0200

■ 65.7150, 58.6830,
21.2990

■ 56.4880, 66.7520,
23.7440

■ 46.7880, 74.7750,
27.0230

■ 40.3650, 80.4600,
28.6200

6.5720

■ 122.4960, 10.4070,
4.1270

■ 132.1960, 2.3840,
0.8480

■ 141.3090, -5.3640,
-1.9080

■ 151.1230,
-13.7080, -4.8760

■ 160.2360,
-21.4560, -7.6320

■ 170.0500,
-29.8000, -10.6000

■ 179.7500,
-37.8230, -13.8790

■ 188.9770,
-45.8920, -16.3240

■ 198.6770,
-53.9150, -19.6030

Harmonies

Analogous

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



113.6260, 13.1570, 9.3570



113.2690, 18.4760, 6.5720



112.5200, 19.0270, 2.0910

Triad

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



113.2690, 18.4760, 6.5720



108.7510, -4.0330, -9.5130



110.4850, -17.4230, 1.8810

Complementary

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



113.2690, 18.4760, 6.5720



125.7310, -18.4760, -6.5720

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.



107.8000, -22.9240, -3.0520



113.2690, 18.4760, 6.5720



107.8900, -14.6700, -9.4700

Square

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



113.2690, 18.4760, 6.5720



110.1930, 6.4660, -7.0540



107.3500, -21.7770, -7.3210



112.2090, -7.6580, 6.6300

Rectangle

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



113.2690, 18.4760, 6.5720



111.7430, 16.7810, -1.2590



107.3500, -21.7770, -7.3210



109.4630, -20.3570, -0.0130

Sweetspot

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



113.2690, 18.4760, 6.5720



167.5880, 7.1520, 2.5440



116.8030, 8.5250, 16.2130



84.0930, 4.1720, 1.4840



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



113.2690, 18.4760, 6.5720



141.6510, 29.2040, 10.3880



122.0740, 14.3510, -1.2730



61.7940, 3.5760, 1.2720



38.8700, 77.4800, 27.5600



0.8970, 1.7880, 0.6360

Inverse Universe

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



113.2690, 18.4760, 6.5720



141.6510, 29.2040, 10.3880



116.9260, -14.3510, 1.2730



61.7940, 3.5760, 1.2720



38.8700, 77.4800, 27.5600



0.8970, 1.7880, 0.6360

Previews

White Background



This preview shows how the YIQ color 113.2690, 18.4760, 6.5720 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 113.2690, 18.4760, 6.5720 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 113.2690, 18.4760, 6.5720

Background



This preview shows how black text looks on a background with the YIQ color 113.2690, 18.4760, 6.5720.



This preview shows how white text looks on a background with the YIQ color 113.2690, 18.4760,

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

113.2690, 18.4760, 6.5720

Protanopia

111.8540, 3.3470, -0.0850

Deuteranopia

112.8120, 12.3330, 2.2610



Tritanopia

113.7790, 17.1000, 9.4840

Trichromacy



Original Color

113.2690, 18.4760, 6.5720

Protanomaly

112.0720, 8.6650, 2.6570

Deuteranomaly

113.1220, 14.3960, 3.4200

Tritanomaly

113.4370, 18.0630, 8.5510

Monochromacy



Original Color

113.2690, 18.4760, 6.5720

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

113.2890, 6.5560, 2.3320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.2690, 18.4760, 6.5720 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(135, 104, 104)` looks like.

```
.text, #text, p{  
    color:rgb(135, 104, 104)  
}
```

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(135, 104, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 104, 104) }
```

Border

The CSS property to change the border of an element to YIQ 113.2690, 18.4760, 6.5720 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(135, 104, 104) }
```


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

```
.border{ border-color:rgb(135, 104, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 104, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 104, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 104, 104);  
box-shadow:4px 4px 4px 4px rgb(135, 104,  
104) }
```

Background

The CSS property to change the background color of an element to YIQ 113.2690, 18.4760, 6.5720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 104, 104) }
```

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

```
.background{ background-color: rgb(135,  
104, 104) }
```

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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