

Converting Colors

YIQ(106.5630, 8.3000, -7.2520)

Have a look what the booklet for
YIQ(106.5630, 8.3000, -7.2520)
contains.

YIQ(106.5630, 8.3000, -7.2520)	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(106.5630, 8.3000,
-7.2520)**

Conversions

Conversions Part 1

Format	Color
Hex	6E6D55
RGB	110, 109, 85
RGB Percent	43%, 43%, 33%
CMY	0.5686, 0.5725, 0.6666
CMYK	0.00, 0.01, 0.23, 0.57
HSL	58°, 13%, 38%
HSV	58°, 23%, 43%
XYZ	13.5388, 14.9081, 10.7610
YIQ	106.5630, 8.3000, -7.2520

Conversions

Conversions Part 2

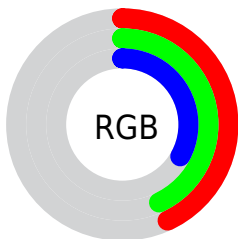
Format	Color
R _Y B	86, 110, 85
Decimal	7236949
CIE Lab	45.51, -3.99, 13.58
CIE LCh	46, 14.155, 106.391
Yxy	14.9081, 0.3453, 0.3802
Android (android.graphics.Color)	4285427029 (0xFF6E6D55)
YUV	106.5630, -10.6306, 3.0142
Hunter-Lab	38.6109, -4.9787, 10.5033

Details

The YIQ color **106.5630, 8.3000, -7.2520** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **88.4370, -8.3000, 7.2520**, and the grayscale version is **107.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **157.7480, 9.2170, -7.3510**, and **59.4920, 7.0620, -6.8420** is the 20% darker color. If you saturate the color by 10%, you get **105.3090, 11.8310, -10.6730**, and if you desaturate by 10%, it is **107.8170, 4.7690, -3.8310**.

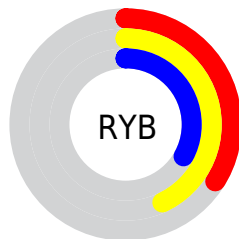
Distribution



Red (43%)

Green (43%)

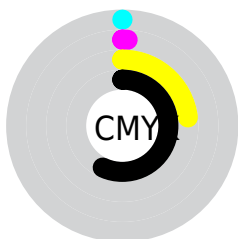
Blue (33%)



Red (34%)

Yellow (43%)

Blue (33%)

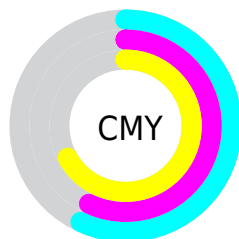


Cyan (0%)

Magenta (1%)

Yellow (23%)

Black (57%)



Cyan (57%)

Magenta (57%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 106.5630, 8.3000, -7.2520 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 106.5630, 8.3000, -7.2520 by changing the saturation by 10% instead.

■ 106.5630, 8.3000,
-7.2520

■ 106.5630, 8.3000,
-7.2520

■ 255.0000, -0.0000,
-0.0000

■ 82.3780, 7.3830,
-7.1530

■ 157.7480, 9.2170,
-7.3510

■ 59.4920, 7.0620,
-6.8420

■ 184.6340, 9.5380,
-7.6620

■ 37.6060, 6.7410,
-6.5310

■ 212.5200, 9.8590,
-7.9730

■ 17.1220, 5.2280,
-6.6440

■ 241.1070, 9.5840,
-8.4960

■ 0.0000, 0.0000,
0.0000

■ 253.7460, 3.5310,
-3.4210

■ 106.5630, 8.3000,
-7.2520

■ 106.5630, 8.3000,
-7.2520

■ 105.3090, 11.8310,
-10.6730

■ 107.8170, 4.7690,
-3.8310

■ 103.4680, 15.6370,
-13.5710

■ 109.6580, 0.9630,
-0.9330

■ 102.2140, 19.1680,
-16.9920

■ 110.9120, -2.5680,
2.4880

■ 100.3730, 22.9740,
-19.8900

■ 112.7530, -6.3740,
5.3860

■ 99.1190, 26.5050,
-23.3110

■ 114.0070, -9.9050,
8.8070

■ 97.2780, 30.3110,
-26.2090

■ 115.8480,
-13.7110, 11.7050

■ 96.0240, 33.8420,
-29.6300

■ 117.1020,
-17.2420, 15.1260

■ 95.1120, 36.4100,

■ 118.9430,

-32.1180

-21.0480, 18.0240

■ 120.1970,
-24.5790, 21.4450

Harmonies

Analogous

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



107.8030, 16.5520, -2.6160



106.5630, 8.3000, -7.2520



104.8220, -2.7950, -9.9230

Triad

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



106.5630, 8.3000, -7.2520



103.4900, -24.9870, -4.2110



109.9680, 12.1940, 10.2900

Complementary

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



106.5630, 8.3000, -7.2520



88.4370, -8.3000, 7.2520

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.



109.8790, 2.1990, 9.7110



106.5630, 8.3000, -7.2520



105.4030, -20.1280, 1.3440

Square

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



106.5630, 8.3000, -7.2520



103.2250, -22.9230, -8.5790



108.4260, -9.7670, 6.3050



109.7960, 18.4300, 7.4060

Rectangle

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



106.5630, 8.3000, -7.2520



104.4020, -10.3600, -10.4880



108.4260, -9.7670, 6.3050



110.0000, 9.1680, 10.0640

Sweetspot

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



106.5630, 8.3000, -7.2520



141.2730, 3.4850, -2.5870



92.5890, 14.5790, 5.6110



70.4300, 1.6050, -1.5550



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.



106.5630, 8.3000, -7.2520



137.3800, 13.0690, -11.0830



103.8610, 1.4690, -10.1070



55.3160, 1.9260, -1.8660



103.3850, 39.8950, -34.7050



213.5590, 81.7620, -72.1100

Inverse Universe

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



88.4370, -8.3000, 7.2520



109.6200, -13.0690, 11.0830



91.1390, -1.4690, 10.1070



51.2710, -2.2010, 1.3430



16.6150, -39.8950, 34.7050



34.0280, -82.0370, 71.5870

Previews

White Background



This preview shows how the YIQ color 106.5630, 8.3000, -7.2520 looks on a white background.

Color Contrast Check

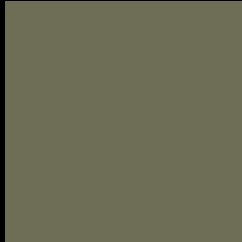
Large Text (above 18pt) WCAG AA ✓ Pass

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 106.5630, 8.3000, -7.2520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

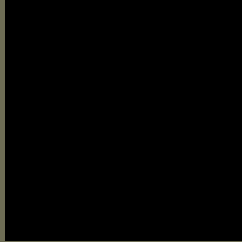
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 106.5630, 8.3000, -7.2520

Background



This preview shows how black text looks on a background with the YIQ color 106.5630, 8.3000, -7.2520.



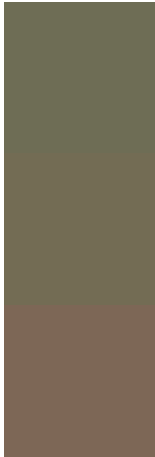
This preview shows how white text looks on a background with the YIQ color 106.5630, 8.3000,

-7.2520.

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

106.5630, 8.3000, -7.2520

Protanopia

107.3570, 11.8760, -5.9800

Deuteranopia

107.6400, 18.5690, -0.6230



Tritanopia

108.6030, 2.7960, 4.3960

Trichromacy



Original Color

106.5630, 8.3000, -7.2520

Protanomaly

106.7590, 10.6840, -6.4040

Deuteranomaly

107.3190, 15.0390, -2.7290

Tritanomaly

107.7510, 5.1350, 0.5510

Monochromacy



Original Color

106.5630, 8.3000, -7.2520

Achromatopsia

107.0000, -0.0000, 0.0000

Achromatomaly

106.9740, 2.8890, -2.7990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 106.5630, 8.3000, -7.2520 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(110, 109, 85)` looks like.

```
.text, #text, p{  
    color:rgb(110, 109, 85)  
}
```

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(110, 109, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 109, 85) }
```

Border

The CSS property to change the border of an element to YIQ 106.5630, 8.3000, -7.2520 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(110, 109, 85) }
```


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

```
.border{ border-color:rgb(110, 109, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 109, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 109, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 109, 85);  
box-shadow:4px 4px 4px 4px rgb(110, 109,  
85) }
```

Background

The CSS property to change the background color of an element to YIQ 106.5630, 8.3000, -7.2520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 109, 85) }
```

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

```
.background{ background-color: rgb(110,  
109, 85) }
```

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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