

Converting Colors

YIQ(106.6290, 17.1020, -1.5700)

Have a look what the booklet for
YIQ(106.6290, 17.1020, -1.5700)
contains.

YIQ(106.6290, 17.1020, -1.5700)	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(106.6290, 17.1020,
-1.5700)**

Conversions

Conversions Part 1

Format	Color
Hex	7A6755
RGB	122, 103, 85
RGB Percent	48%, 40%, 33%
CMY	0.5215, 0.5961, 0.6666
CMYK	0.00, 0.16, 0.30, 0.52
HSL	29°, 18%, 41%
HSV	29°, 30%, 48%
XYZ	14.5172, 14.4933, 10.6310
YIQ	106.6290, 17.1020, -1.5700

Conversions

Conversions Part 2

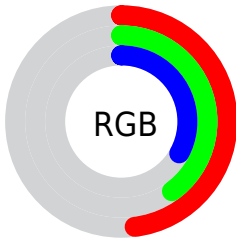
Format	Color
R_{YB}	122, 120, 85
Decimal	8021845
CIE Lab	44.93, 4.63, 12.96
CIE LCh	45, 13.764, 70.334
Yxy	14.4933, 0.3662, 0.3656
Android (android.graphics.Color)	4286211925 (0xFF7A6755)
YUV	106.6290, -10.6631, 13.4804
Hunter-Lab	38.0701, 1.4446, 10.0924

Details

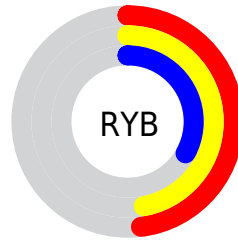
The YIQ color **106.6290, 17.1020, -1.5700** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **100.3710, -17.1020, 1.5700**, and the grayscale version is **107.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **158.1130, 18.6150, -1.4570**, and **59.2590, 15.2680, -1.3720** is the 20% darker color. If you saturate the color by 10%, you get **101.7390, 22.6040, -2.1640**, and if you desaturate by 10%, it is **111.5190, 11.6000, -0.9760**.

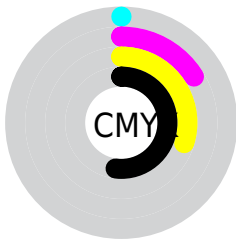
Distribution



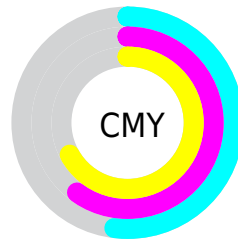
- Red (48%)
- Green (40%)
- Blue (33%)



- Red (48%)
- Yellow (47%)
- Blue (33%)



- Cyan (0%)
- Magenta (16%)
- Yellow (30%)
- Black (52%)



- Cyan (52%)
- Magenta (60%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 106.6290, 17.1020, -1.5700 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 106.6290, 17.1020, -1.5700 by changing the saturation by 10% instead.

■ 106.6290, 17.1020,
-1.5700

■ 106.6290, 17.1020,
-1.5700

■ 255.0000, -0.0000,
-0.0000

■ 82.4440, 16.1850,
-1.4710

■ 158.1130, 18.6150,
-1.4570

■ 59.2590, 15.2680,
-1.3720

■ 185.2980, 19.5320,
-1.5560

■ 37.3620, 13.4800,
-2.0080

■ 212.5970, 20.1280,
-1.3440

■ 16.3020, 13.7090,
-0.6510

■ 239.9880, 17.4690,
-2.7150

■ 0.0000, 0.0000,
0.0000

■ 253.7460, 3.5310,
-3.4210

■ 106.6290, 17.1020,
-1.5700

■ 106.6290, 17.1020,
-1.5700

■ 101.7390, 22.6040,
-2.1640

■ 111.5190, 11.6000,
-0.9760

■ 96.2620, 28.3810,
-2.2350

■ 116.9960, 5.8230,
-0.9050

■ 91.2580, 34.2040,
-3.1400

■ 122.0000, 0.0000,
-0.0000

■ 86.3680, 39.7060,
-3.7340

■ 126.8900, -5.5020,
0.5940

■ 81.4780, 45.2080,
-4.3280

■ 131.7800,
-11.0040, 1.1880

■ 76.0010, 50.9850,
-4.3990

■ 137.2570,
-16.7810, 1.2590

■ 71.1110, 56.4870,
-4.9930

■ 142.1470,
-22.2830, 1.8530

■ 147.1510,

-28.1060, 2.7580

■ 152.0410,
-33.6080, 3.3520

Harmonies

Analogous

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



107.7590, 19.8520, 3.6600



106.6290, 17.1020, -1.5700



105.5740, 9.7670, -6.3050

Triad

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



106.6290, 17.1020, -1.5700



101.8940, -20.4930, -8.5650



107.7970, -0.5060, 9.1740

Complementary

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



106.6290, 17.1020, -1.5700



100.3710, -17.1020, 1.5700

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.



106.2300, -12.1510, 5.4570



106.6290, 17.1020, -1.5700



102.2620, -24.3450, -4.8330

Square

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



106.6290, 17.1020, -1.5700



102.6300, -11.0020, -9.8660



104.2780, -21.2740, 0.0860



108.4840, 10.6810, 10.1770

Rectangle

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



106.6290, 17.1020, -1.5700



104.2850, 3.2110, -8.6370



104.2780, -21.2740, 0.0860



107.4160, -3.8070, 8.4250

Sweetspot

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



106.6290, 17.1020, -1.5700



152.2950, 6.4190, -0.6930



98.2290, 15.9530, 13.7530



75.6260, 3.9890, -0.7070



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



106.6290, 17.1020, -1.5700



134.4790, 26.2720, -2.5600



117.1950, 12.1520, -10.9840



58.5550, 2.7510, -0.2970



73.1820, 57.7250, -5.4030



147.5490, 116.3670, -10.9050

Inverse Universe

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



100.3710, -17.1020, 1.5700



124.5210, -26.2720, 2.5600



89.8050, -12.1520, 10.9840



57.4450, -2.7510, 0.2970



51.8180, -57.7250, 5.4030



105.0380, -116.6420, 10.3820

Previews

White Background



This preview shows how the YIQ color 106.6290, 17.1020, -1.5700 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 106.6290, 17.1020, -1.5700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

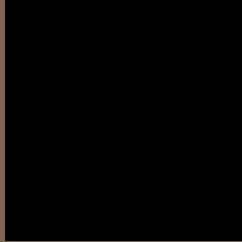
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 106.6290, 17.1020, -1.5700

Background



This preview shows how black text looks on a background with the YIQ color 106.6290, 17.1020, -1.5700.



This preview shows how white text looks on a background with the YIQ color 106.6290, 17.1020,

-1.5700.

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

106.6290, 17.1020, -1.5700

Protanopia

105.9270, 10.2710, -4.4250

Deuteranopia

106.6400, 18.5690, -0.6230



Tritanopia

108.3870, 12.3320, 7.7880

Trichromacy



Original Color

106.6290, 17.1020, -1.5700

Protanomaly

106.1230, 12.6550, -3.5770

Deuteranomaly

106.3410, 17.9730, -0.8350

Tritanomaly

107.7630, 14.0290, 4.5650

Monochromacy



Original Color

106.6290, 17.1020, -1.5700

Achromatopsia

107.0000, -0.0000, 0.0000

Achromatomaly

106.9960, 5.8230, -0.9050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 106.6290, 17.1020, -1.5700 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(122, 103, 85)` looks like.

```
.text, #text, p{  
    color:rgb(122, 103, 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(122, 103, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 103, 85) }
```

Border

The CSS property to change the border of an element to YIQ 106.6290, 17.1020, -1.5700 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(122, 103, 85) }
```


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

```
.border{ border-color:rgb(122, 103, 85) }
```

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

Here you see how a box with a 4 pixel rgb(122, 103, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 103, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 103, 85);  
box-shadow:4px 4px 4px 4px rgb(122, 103,  
85) }
```

Background

The CSS property to change the background color of an element to YIQ 106.6290, 17.1020, -1.5700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 103, 85) }
```

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

```
.background{ background-color: rgb(122,  
103, 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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