

Converting Colors

YIQ(105.0040, 11.3720, -7.8600)

Have a look what the booklet for
YIQ(105.0040, 11.3720, -7.8600)
contains.

YIQ(105.0040, 11.3720, -7.8600)	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(105.0040, 11.3720,
-7.8600)**

Conversions

Conversions Part 1

Format	Color
Hex	6F6B4F
RGB	111, 107, 79
RGB Percent	44%, 42%, 31%
CMY	0.5647, 0.5804, 0.6901
CMYK	0.00, 0.04, 0.29, 0.56
HSL	52°, 17%, 37%
HSV	53°, 29%, 44%
XYZ	13.2247, 14.4592, 9.4943
YIQ	105.0040, 11.3720, -7.8600

Conversions

Conversions Part 2

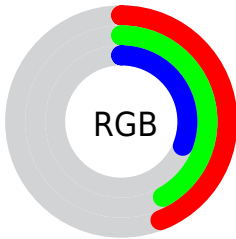
Format	Color
R _{YB}	84, 111, 79
Decimal	7301967
CIE Lab	44.88, -3.34, 16.29
CIE LCh	45, 16.625, 101.595
Yxy	14.4592, 0.3557, 0.3889
Android (android.graphics.Color)	4285492047 (0xFF6F6B4F)
YUV	105.0040, -12.8200, 5.2585
Hunter-Lab	38.0252, -4.4640, 11.8139

Details

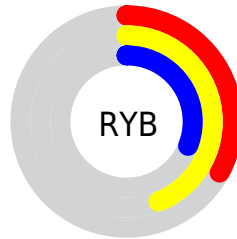
The YIQ color **105.0040, 11.3720, -7.8600** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **84.9960, -11.3720, 7.8600**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.0750, 12.6100, -8.2700**, and **57.9330, 10.1340, -7.4500** is the 20% darker color. If you saturate the color by 10%, you get **103.1630, 15.1780, -10.7580**, and if you desaturate by 10%, it is **106.8450, 7.5660, -4.9620**.

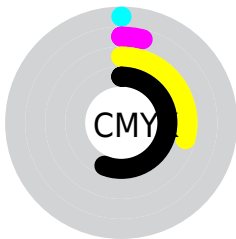
Distribution



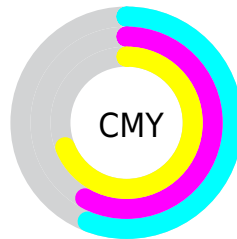
- Red (44%)
- Green (42%)
- Blue (31%)



- Red (33%)
- Yellow (44%)
- Blue (31%)



- Cyan (0%)
- Magenta (4%)
- Yellow (29%)
- Black (56%)



- Cyan (56%)
- Magenta (58%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 105.0040, 11.3720, -7.8600 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 105.0040, 11.3720, -7.8600 by changing the saturation by 10% instead.

■ 105.0040, 11.3720,
-7.8600

■ 105.0040, 11.3720,
-7.8600

■ 255.0000, -0.0000,
-0.0000

■ 80.8190, 10.4550,
-7.7610

■ 156.0750, 12.6100,
-8.2700

■ 57.9330, 10.1340,
-7.4500

■ 182.9610, 12.9310,
-8.5810

■ 35.7480, 9.2170,
-7.3510

■ 210.8470, 13.2520,
-8.8920

■ 15.6490, 5.1820,
-5.8100

■ 239.1460, 13.8480,
-8.6800

■ 0.0000, 0.0000,
0.0000

■ 252.9480, 5.7780,
-5.5980

■ 105.0040, 11.3720,
-7.8600

■ 105.0040, 11.3720,
-7.8600

■ 103.1630, 15.1780,
-10.7580

■ 106.8450, 7.5660,
-4.9620

■ 100.7350, 19.2590,
-13.1330

■ 109.2730, 3.4850,
-2.5870

■ 98.8940, 23.0650,
-16.0310

■ 111.1140, -0.3210,
0.3110

■ 96.4660, 27.1460,
-18.4060

■ 113.5420, -4.4020,
2.6860

■ 94.6250, 30.9520,
-21.3040

■ 115.4970, -8.5290,
5.8950

■ 92.6700, 35.0790,
-24.5130

■ 117.3380,
-12.3350, 8.7930

■ 90.2420, 39.1600,
-26.8880

■ 119.7660,
-16.4160, 11.1680

■ 90.1280, 39.4810,

■ 121.6070,

-27.1990

-20.2220, 14.0660

■ 123.4480,
-24.0280, 16.9640

Harmonies

Analogous

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



106.0700, 20.1740, -2.1780



105.0040, 11.3720, -7.8600



103.2520, -1.1900, -11.4780

Triad

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



105.0040, 11.3720, -7.8600



100.5000, -30.9470, -6.3310



108.3210, 12.6980, 12.1700

Complementary

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



105.0040, 11.3720, -7.8600



84.9960, -11.3720, 7.8600

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.



108.1500, -0.0020, 11.0540



105.0040, 11.3720, -7.8600



103.2390, -25.5380, 0.2700

Square

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



105.0040, 11.3720, -7.8600



100.2030, -25.8570, -10.4730



106.3870, -14.0310, 6.4890



107.9320, 21.0430, 9.6110

Rectangle

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



105.0040, 11.3720, -7.8600



102.3480, -10.2680, -12.1560



106.3870, -14.0310, 6.4890



108.5810, 9.0300, 12.5660

Sweetspot

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



105.0040, 11.3720, -7.8600



142.9310, 4.4480, -3.5200



89.0240, 17.7880, 8.0280



72.5010, 2.8430, -1.9650



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



105.0040, 11.3720, -7.8600



135.6640, 18.0210, -12.7230



103.7640, 3.1200, -12.4960



54.7290, 2.2010, -1.3430



97.5150, 42.6450, -29.4750



200.6450, 87.8120, -60.6040

Inverse Universe

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



84.9960, -11.3720, 7.8600



103.9230, -18.2960, 12.2000



86.2360, -3.1200, 12.4960



51.2710, -2.2010, 1.3430



22.4850, -42.6450, 29.4750



46.3550, -87.8120, 60.6040

Previews

White Background



This preview shows how the YIQ color 105.0040, 11.3720, -7.8600 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 105.0040, 11.3720, -7.8600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

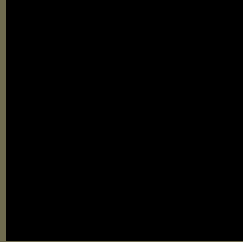
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 105.0040, 11.3720, -7.8600

Background



This preview shows how black text looks on a background with the YIQ color 105.0040, 11.3720, -7.8600.



This preview shows how white text looks on a background with the YIQ color 105.0040, 11.3720,

-7.8600.

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

105.0040, 11.3720, -7.8600

Protanopia

105.3140, 13.4350, -6.7010

Deuteranopia

106.3690, 20.7700, -1.9660



Tritanopia

107.5000, 4.5840, 5.0320

Trichromacy



Original Color

105.0040, 11.3720, -7.8600

Protanomaly

105.0150, 12.8390, -6.9130

Deuteranomaly

106.0480, 17.2400, -4.0720

Tritanomaly

106.4200, 7.5650, 0.5650

Monochromacy



Original Color

105.0040, 11.3720, -7.8600

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.1590, 3.8060, -2.8980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 105.0040, 11.3720, -7.8600 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(111, 107, 79)` looks like.

```
.text, #text, p{  
    color:rgb(111, 107, 79)  
}
```

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(111, 107, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 107, 79) }
```

Border

The CSS property to change the border of an element to YIQ 105.0040, 11.3720, -7.8600 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(111, 107, 79) }
```


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

```
.border{ border-color:rgb(111, 107, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 107, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 107, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 107, 79);  
box-shadow:4px 4px 4px 4px rgb(111, 107,  
79) }
```

Background

The CSS property to change the background color of an element to YIQ 105.0040, 11.3720, -7.8600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 107, 79) }
```

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

```
.background{ background-color: rgb(111,  
107, 79) }
```

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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