

Converting Colors

YIQ(116.5990, 7.4780, -25.4020)

Have a look what the booklet for
YIQ(116.5990, 7.4780, -25.4020)
contains.

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Color

**YIQ(116.5990, 7.4780,
-25.4020)**

Conversions

Conversions Part 1

Format	Color
Hex	6C8341
RGB	108, 131, 65
RGB Percent	42%, 51%, 25%
CMY	0.5766, 0.4862, 0.7450
CMYK	0.18, 0.00, 0.50, 0.49
HSL	81°, 34%, 38%
HSV	81°, 50%, 51%
XYZ	15.2537, 19.8037, 8.0227
YIQ	116.5990, 7.4780, -25.4020

Conversions

Conversions Part 2

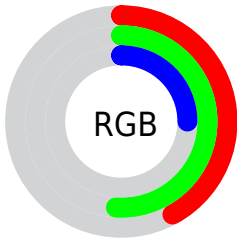
Format	Color
RYB	65, 131, 88
Decimal	7111489
CIELab	51.61, -19.73, 32.73
CIELCh	52, 38.215, 121.076
Yxy	19.8037, 0.3541, 0.4597
Android (android.graphics.Color)	4285301569 (0xFF6C8341)
YUV	116.5990, -25.4383, -7.5413
Hunter-Lab	44.5013, -16.6930, 20.4621

Details

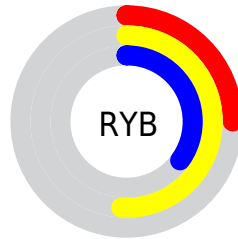
The YIQ color **116.5990, 7.4780, -25.4020** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **79.4010, -7.4780, 25.4020**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **169.1430, 8.7620, -26.6460**, and **67.5280, 6.2400, -24.9920** is the 20% darker color. If you saturate the color by 10%, you get **113.6220, 8.6710, -30.5050**, and if you desaturate by 10%, it is **119.5760, 6.2850, -20.2990**.

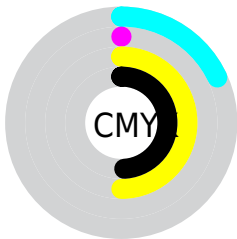
Distribution



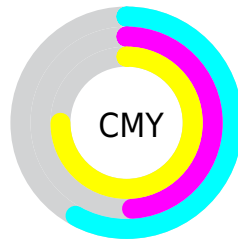
- Red (42%)
- Green (51%)
- Blue (25%)



- Red (25%)
- Yellow (51%)
- Blue (35%)



- Cyan (18%)
- Magenta (0%)
- Yellow (50%)
- Black (49%)



- Cyan (58%)
- Magenta (49%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 116.5990, 7.4780, -25.4020 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 116.5990, 7.4780, -25.4020 by changing the saturation by 10% instead.

■ 116.5990, 7.4780,
-25.4020

■ 116.5990, 7.4780,
-25.4020

■ 255.0000, -0.0000,
-0.0000

■ 91.7130, 7.1570,
-25.0910

■ 169.2570, 8.4410,
-26.3350

■ 67.5280, 6.2400,
-24.9920

■ 196.6160, 8.8080,
-27.4800

■ 44.5110, 4.9100,
-22.9140

■ 224.5020, 9.1290,
-27.7910

■ 25.0080, -3.6190,
-17.0190

■ 245.1700, 13.3000,
-20.7800

■ 6.4570, -3.0250,
-5.7530

■ 251.3520, 10.2720,
-9.9520

■ 0.0000, 0.0000,
0.0000

■ 254.6580, 0.9630,

-0.9330

■ 116.5990, 7.4780,
-25.4020

■ 116.5990, 7.4780,
-25.4020

■ 113.6220, 8.6710,
-30.5050

■ 119.5760, 6.2850,
-20.2990

■ 110.9440, 10.4600,
-35.3960

■ 122.2540, 4.4960,
-15.4080

■ 107.9670, 11.6530,
-40.4990

■ 125.2310, 3.3030,
-10.3050

■ 105.2890, 13.4420,
-45.3900

■ 127.9090, 1.5140,
-5.4140

■ 102.3120, 14.6350,
-50.4930

■ 131.0000, -0.0000,
-0.0000

■ 133.6780, -1.7890,
4.8910

■ 136.6550, -2.9820,
9.9940

■ 139.6320, -4.1750,
15.0970

■ 142.3100, -5.9640,
19.9880

Harmonies

Analogous

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



120.1570, 32.5100, -16.4980



116.5990, 7.4780, -25.4020



110.4130, -27.2290, -29.6690

Triad

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



116.5990, 7.4780, -25.4020



99.7650, -94.9050, -14.6250



125.0910, 43.1850, 26.8410

Complementary

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



116.5990, 7.4780, -25.4020



79.4010, -7.4780, 25.4020

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.



126.5800, 19.9390, 29.6270



116.5990, 7.4780, -25.4020



115.7260, -54.4700, 6.9860

Square

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



116.5990, 7.4780, -25.4020



99.3770, -88.3010, -24.1810



125.2970, -13.1170, 22.9710



123.2040, 52.6320, 15.3200

Rectangle

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



116.5990, 7.4780, -25.4020



99.7430, -63.4490, -34.0490



125.2970, -13.1170, 22.9710



125.7360, 36.9950, 28.8910

Sweetspot

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



116.5990, 7.4780, -25.4020



165.3450, 2.9820, -9.9940



97.6480, 33.2860, 2.4860



83.3820, 1.5600, -6.2480



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



116.5990, 7.4780, -25.4020



148.4940, 11.6070, -39.6650



107.0310, -11.5940, -32.1860



64.7180, 0.7340, -2.2900



101.7250, 14.9100, -49.9700



2.3590, 0.3670, -1.1450

Inverse Universe

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



79.4010, -7.4780, 25.4020



90.5060, -11.6070, 39.6650



88.9690, 11.5940, 32.1860



61.2820, -0.7340, 2.2900



28.2750, -14.9100, 49.9700



0.6410, -0.3670, 1.1450

Previews

White Background



This preview shows how the YIQ color 116.5990, 7.4780, -25.4020 looks on a white background.

Color Contrast Check

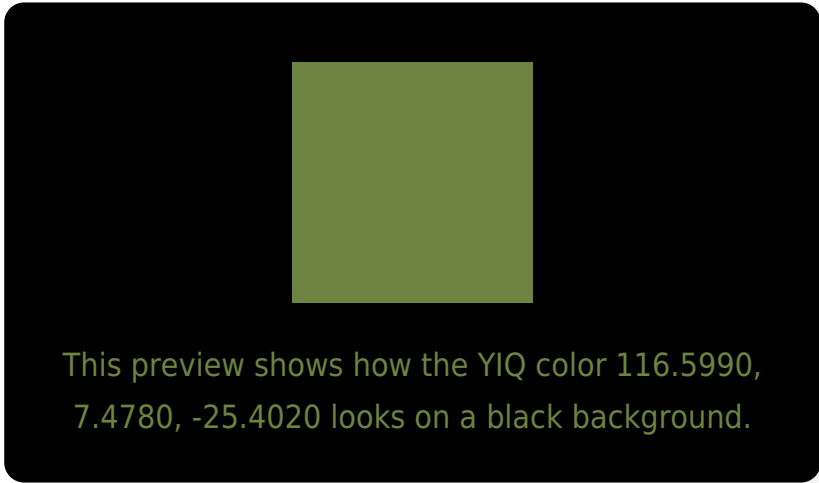
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

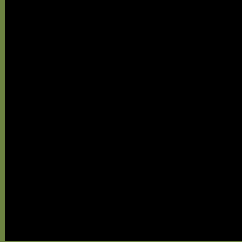
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 116.5990, 7.4780, -25.4020

Background



This preview shows how black text looks on a background with the YIQ color 116.5990, 7.4780, -25.4020.



This preview shows how white text looks on a background with the YIQ color 116.5990, 7.4780, -25.4020.

-25.4020.

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

116.5990, 7.4780, -25.4020

Protanopia

119.9330, 27.3290, -16.2150

Deuteranopia

121.3950, 35.0760, -7.9320



Tritanopia

122.3460, -6.7860, 1.8380

Trichromacy



Original Color

116.5990, 7.4780, -25.4020

Protanomaly

118.8180, 20.2230, -19.5930

Deuteranomaly

119.7310, 25.0820, -14.0380

Tritanomaly

120.3600, -1.3740, -8.1420

Monochromacy



Original Color

116.5990, 7.4780, -25.4020

Achromatopsia

117.0000, -0.0000, 0.0000

Achromatomaly

116.8720, 2.9360, -9.1600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 116.5990, 7.4780, -25.4020 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(108, 131, 65)` looks like.

```
.text, #text, p{  
    color:rgb(108, 131, 65)  
}
```

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(108, 131, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 131, 65) }
```

Border

The CSS property to change the border of an element to YIQ 116.5990, 7.4780, -25.4020 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(108, 131, 65) }
```


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

```
.border{ border-color:rgb(108, 131, 65) }
```

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

Here you see how a box with a 4 pixel rgb(108, 131, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 131, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 131, 65);  
box-shadow:4px 4px 4px 4px rgb(108, 131,  
65) }
```

Background

The CSS property to change the background color of an element to YIQ 116.5990, 7.4780, -25.4020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 131, 65) }
```

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

```
.background{ background-color: rgb(108,  
131, 65) }
```

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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