

Converting Colors

YIQ(119.2650, 75.8840,
-20.6280)

Have a look what the booklet for
YIQ(119.2650, 75.8840, -20.6280)
contains.

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Color

**YIQ(119.2650, 75.8840,
-20.6280)**

Conversions

Conversions Part 1

Format	Color
Hex	B37000
RGB	179, 112, 0
RGB Percent	70%, 44%, 0%
CMY	0.2980, 0.5609, 0.9996
CMYK	0.00, 0.37, 1.00, 0.30
HSL	38°, 100%, 35%
HSV	38°, 100%, 70%
XYZ	24.3873, 21.1687, 2.8035
YIQ	119.2650, 75.8840, -20.6280

Conversions

Conversions Part 2

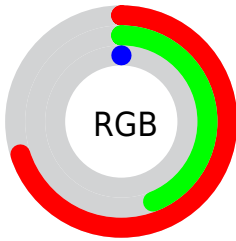
Format	Color
RYB	107, 179, 0
Decimal	11759616
CIELab	53.13, 19.73, 60.14
CIElCh	53, 63.292, 71.836
Yxy	21.1687, 0.5043, 0.4377
Android (android.graphics.Color)	4289949696 (0xFFB37000)
YUV	119.2650, -58.7976, 52.3876
Hunter-Lab	46.0095, 14.0972, 28.5940

Details

The YIQ color **119.2650, 75.8840, -20.6280** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **59.7350, -75.8840, 20.6280**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **175.4380, 77.0750, -14.6770**, and **73.4480, 53.9200, -8.0320** is the 20% darker color. If you saturate the color by 10%, you get **119.2650, 75.8840, -20.6280**, and if you desaturate by 10%, it is **125.4260, 68.1810, -18.6910**.

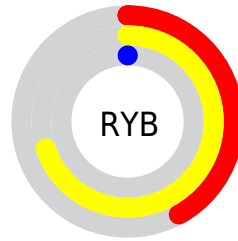
Distribution



Red (70%)

Green (44%)

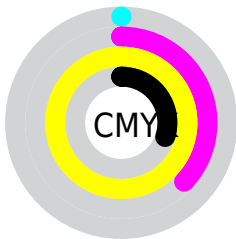
Blue (0%)



Red (42%)

Yellow (70%)

Blue (0%)

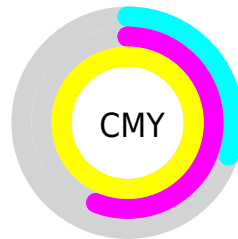


Cyan (0%)

Magenta (37%)

Yellow (100%)

Black (30%)



Cyan (30%)

Magenta (56%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.2650, 75.8840, -20.6280 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 119.2650, 75.8840, -20.6280 by changing the saturation by 10% instead.

■ 119.2650, 75.8840,
-20.6280

■ 119.2650, 75.8840,
-20.6280

■ 255.0000, -0.0000,
-0.0000

■ 95.6200, 64.8790,
-13.9130

■ 175.4380, 77.0750,
-14.6770

■ 73.4480, 53.9200,
-8.0320

■ 198.8500, 69.9230,
-17.2210

■ 51.8630, 42.6860,
-2.6740

■ 218.2500, 53.8770,
-23.7790

■ 30.8760, 32.6440,
3.1080

■ 237.7640, 37.5100,
-30.0260

■ 11.9600, 23.8400,
8.4800

■ 245.6520, 26.3220,
-25.5020

■ 0.0000, 0.0000,
0.0000

■ 248.8440, 17.3340,

-16.7940

■ 252.1500, 8.0250,
-7.7750

■ 119.2650, 75.8840,
-20.6280

■ 125.4260, 68.1810,
-18.6910

■ 131.0000, 60.7530,
-16.2310

■ 137.1610, 53.0500,
-14.2940

■ 143.3220, 45.3470,
-12.3570

■ 149.4830, 37.6440,
-10.4200

■ 155.0570, 30.2160,
-7.9600

■ 161.1040, 22.8340,
-6.3340

■ 167.2650, 15.1310,
-4.3970

■ 172.8390, 7.7030,
-1.9370

Harmonies

Analogous

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



121.4280, 84.1760, 16.3360



119.2650, 75.8840, -20.6280



116.3650, 42.6470, -40.5290

Triad

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



119.2650, 75.8840, -20.6280



106.0960, -89.3080, -33.4680



130.3440, -2.1630, 44.7250

Complementary

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



119.2650, 75.8840, -20.6280



59.7350, -75.8840, 20.6280

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.



109.3090, -92.4800, 13.0240



119.2650, 75.8840, -20.6280



110.7360, -105.1290, -16.5610

Square

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



119.2650, 75.8840, -20.6280



98.4240, -70.4610, -50.1490



109.6880, -113.2010, -2.4250



125.5600, 50.1950, 53.9950

Rectangle

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



119.2650, 75.8840, -20.6280



111.9960, 12.7090, -48.6270



109.6880, -113.2010, -2.4250



128.8080, -24.2610, 37.7150

Sweetspot

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



119.2650, 75.8840, -20.6280



208.7580, 29.6200, -8.1720



61.3870, 84.5350, 59.4070



102.8200, 17.8820, -4.6940



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



119.2650, 75.8840, -20.6280



154.4830, 98.3970, -26.6510



152.3150, 44.9430, -60.1210



86.2130, 3.7140, -1.2300



102.0990, 64.7880, -17.7720



17.1660, 11.0960, -2.8560

Inverse Universe

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



59.7350, -75.8840, 20.6280



77.5170, -98.3970, 26.6510



26.6850, -44.9430, 60.1210



83.3740, -3.9890, 0.7070



50.9010, -64.7880, 17.7720



8.8340, -11.0960, 2.8560

Previews

White Background



This preview shows how the YIQ color 119.2650, 75.8840, -20.6280 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



This preview shows how the YIQ color 119.2650, 75.8840, -20.6280 looks on a 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 119.2650, 75.8840, -20.6280

Background



This preview shows how black text looks on a background with the YIQ color 119.2650, 75.8840, -20.6280.



This preview shows how white text looks on a background with the YIQ color 119.2650, 75.8840, -20.6280.

-20.6280.

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

119.2650, 75.8840, -20.6280

Protanopia

119.6740, 46.4510, -32.3730

Deuteranopia

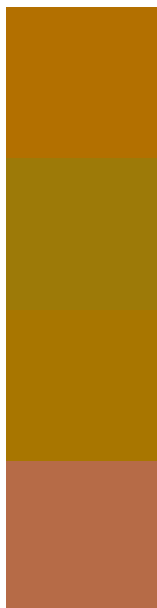
119.1660, 62.6810, -29.1510



Tritanopia

128.5330, 44.5160, 19.2360

Trichromacy



Original Color

119.2650, 75.8840, -20.6280

Protanomaly

119.4690, 57.4540, -28.0340

Deuteranomaly

119.4980, 67.6780, -26.0980

Tritanomaly

125.3210, 56.2560, 4.7040

Monochromacy



Original Color

119.2650, 75.8840, -20.6280

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

118.9150, 27.7400, -7.1400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.2650, 75.8840, -20.6280 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(179, 112, 0)` looks like.

```
.text, #text, p{  
    color:rgb(179, 112, 0)  
}
```

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(179, 112, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 112, 0) }
```

Border

The CSS property to change the border of an element to YIQ 119.2650, 75.8840, -20.6280 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(179, 112, 0) }
```


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

```
.border{ border-color:rgb(179, 112, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 112, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 112, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 112, 0);  
box-shadow:4px 4px 4px 4px rgb(179, 112,  
0) }
```

Background

The CSS property to change the background color of an element to YIQ 119.2650, 75.8840, -20.6280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 112, 0) }
```

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

```
.background{ background-color: rgb(179,  
112, 0) }
```

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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