

Converting Colors

YIQ(115.8110, 74.8270, -6.9730)

Have a look what the booklet for
YIQ(115.8110, 74.8270, -6.9730)
contains.

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Color

**YIQ(115.8110, 74.8270,
-6.9730)**

Conversions

Conversions Part 1

Format	Color
Hex	B76415
RGB	183, 100, 21
RGB Percent	72%, 39%, 8%
CMY	0.2822, 0.6080, 0.9173
CMYK	0.00, 0.45, 0.88, 0.28
HSL	29°, 79%, 40%
HSV	29°, 88%, 72%
XYZ	24.2274, 19.2340, 3.1495
YIQ	115.8110, 74.8270, -6.9730

Conversions

Conversions Part 2

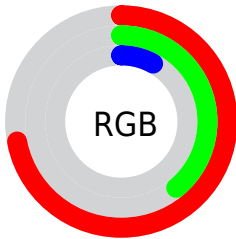
Format	Color
R_{YB}	183, 175, 21
Decimal	12018709
CIE Lab	50.96, 28.40, 54.05
CIE LCh	51, 61.063, 62.279
Yxy	19.2340, 0.5198, 0.4126
Android (android.graphics.Color)	4290208789 (0xFFB76415)
YUV	115.8110, -46.7418, 58.9248
Hunter-Lab	43.8566, 21.8587, 26.4418

Details

The YIQ color **115.8110, 74.8270, -6.9730** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **88.1890, -74.8270, 6.9730**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **170.6160, 79.8700, -4.7540**, and **67.6000, 59.6040, -0.9080** is the 20% darker color. If you saturate the color by 10%, you get **108.4760, 83.0800, -7.8640**, and if you desaturate by 10%, it is **123.1460, 66.5740, -6.0820**.

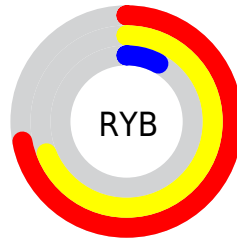
Distribution



Red (72%)

Green (39%)

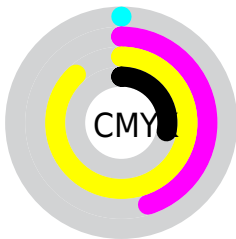
Blue (8%)



Red (72%)

Yellow (69%)

Blue (8%)

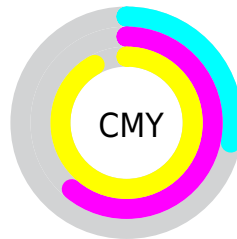


Cyan (0%)

Magenta (45%)

Yellow (88%)

Black (28%)



Cyan (28%)

Magenta (61%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.8110, 74.8270, -6.9730 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 115.8110, 74.8270, -6.9730 by changing the saturation by 10% instead.

■ 115.8110, 74.8270,
-6.9730

■ 115.8110, 74.8270,
-6.9730

■ 255.0000, -0.0000,
-0.0000

■ 89.7720, 70.5630,
-6.7890

■ 170.6160, 79.8700,
-4.7540

■ 67.6000, 59.6040,
-0.9080

■ 192.7180, 70.6550,
-8.4570

■ 44.8410, 48.9200,
5.4960

■ 211.5310, 54.8840,
-14.4920

■ 22.0820, 38.2360,
11.9000

■ 231.6320, 38.2420,
-21.2620

■ 12.9710, 25.3070,
9.4270

■ 246.4500, 24.0750,
-23.3250

■ 0.0000, 0.0000,
0.0000

■ 249.6420, 15.0870,

-14.6170

252.9480, 5.7780,
-5.5980

115.8110, 74.8270,
-6.9730

115.8110, 74.8270,
-6.9730

108.4760, 83.0800,
-7.8640

123.1460, 66.5740,
-6.0820

106.9600, 84.5930,
-7.7510

131.1820, 57.7250,
-5.4030

138.5170, 49.4720,
-4.5120

146.4390, 40.9440,
-4.1440

153.8880, 32.3700,
-2.9420

■ 161.2230, 24.1170,
-2.0510

■ 169.1450, 15.5890,
-1.6830

■ 176.5940, 7.0150,
-0.4810

■ 183.9290, -1.2380,
0.4100

Harmonies

Analogous

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



115.5560, 81.2400, 25.4960



115.8110, 74.8270, -6.9730



112.8980, 51.6320, -32.6560

Triad

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



115.8110, 74.8270, -6.9730



99.2510, -79.6790, -37.2710



123.5370, -22.0600, 36.3720

Complementary

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



115.8110, 74.8270, -6.9730



88.1890, -74.8270, 6.9730

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.



99.7260, -107.1960, 4.3880



115.8110, 74.8270, -6.9730



105.1790, -96.3710, -21.0990

Square

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



115.8110, 74.8270, -6.9730



91.3340, -61.5200, -52.4960



105.8750, -106.5980, -6.4540



122.0680, 33.9650, 50.7730

Rectangle

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



115.8110, 74.8270, -6.9730



108.6020, 28.6180, -45.0940



105.8750, -106.5980, -6.4540



118.8050, -46.5420, 28.5140

Sweetspot

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



115.8110, 74.8270, -6.9730



210.3330, 29.6190, -2.6450



79.0140, 69.5880, 60.4680



103.8140, 18.0190, -1.6690



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



115.8110, 74.8270, -6.9730



138.9550, 109.3520, -10.4240



162.7710, 52.8270, -48.8130



88.0390, 4.2640, -0.1840



91.2560, 72.0760, -6.6760



16.5900, 12.8380, -1.3860

Inverse Universe

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



88.1890, -74.8270, 6.9730



98.6320, -109.6270, 9.9010



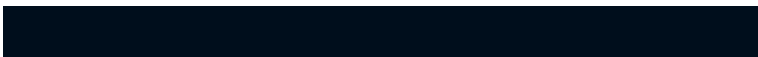
41.2290, -52.8270, 48.8130



86.3740, -3.9890, 0.7070



64.7440, -72.0760, 6.6760



11.4100, -12.8380, 1.3860

Previews

White Background



This preview shows how the YIQ color 115.8110, 74.8270, -6.9730 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 115.8110, 74.8270, -6.9730 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 115.8110, 74.8270, -6.9730

Background



This preview shows how black text looks on a background with the YIQ color 115.8110, 74.8270, -6.9730.



This preview shows how white text looks on a background with the YIQ color 115.8110, 74.8270, -6.9730.

-6.9730.

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

115.8110, 74.8270, -6.9730

Protanopia

115.6550, 39.4350, -26.3650

Deuteranopia

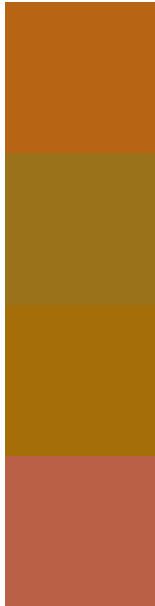
114.1380, 59.8840, -28.0200



Tritanopia

121.6050, 53.1810, 21.8930

Trichromacy



Original Color

115.8110, 74.8270, -6.9730

Protanomaly

115.8140, 52.4090, -19.1990

Deuteranomaly

114.8170, 65.5220, -20.0620

Tritanomaly

119.7610, 61.0690, 11.0930

Monochromacy



Original Color

115.8110, 74.8270, -6.9730

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

115.6640, 27.1890, -2.6590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.8110, 74.8270, -6.9730 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(183, 100, 21)` looks like.

```
.text, #text, p{  
    color:rgb(183, 100, 21)  
}
```

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(183, 100, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 100, 21) }
```

Border

The CSS property to change the border of an element to YIQ 115.8110, 74.8270, -6.9730 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(183, 100, 21) }
```


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

```
.border{ border-color:rgb(183, 100, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 100, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 100, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 100, 21);  
box-shadow:4px 4px 4px 4px rgb(183, 100,  
21) }
```

Background

The CSS property to change the background color of an element to YIQ 115.8110, 74.8270, -6.9730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 100, 21) }
```

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

```
.background{ background-color: rgb(183,  
100, 21) }
```

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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