

Converting Colors

YIQ(115.7570, 22.1930,
-11.2390)

Have a look what the booklet for
YIQ(115.7570, 22.1930, -11.2390)
contains.

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Color

**YIQ(115.7570, 22.1930,
-11.2390)**

Conversions

Conversions Part 1

Format	Color
Hex	827548
RGB	130, 117, 72
RGB Percent	51%, 46%, 28%
CMY	0.4902, 0.5412, 0.7175
CMYK	0.00, 0.10, 0.45, 0.49
HSL	47°, 29%, 40%
HSV	47°, 45%, 51%
XYZ	16.7374, 17.9355, 8.7160
YIQ	115.7570, 22.1930, -11.2390

Conversions

Conversions Part 2

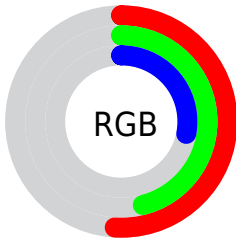
Format	Color
R_{YB}	89, 130, 72
Decimal	8549704
CIE Lab	49.42, -1.72, 26.59
CIE LCh	49, 26.650, 93.696
Yxy	17.9355, 0.3858, 0.4134
Android (android.graphics.Color)	4286739784 (0xFF827548)
YUV	115.7570, -21.5722, 12.4911
Hunter-Lab	42.3503, -3.5674, 17.4429

Details

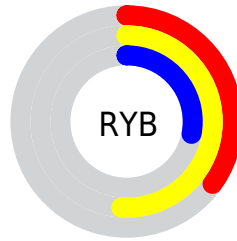
The YIQ color **115.7570, 22.1930, -11.2390** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **86.2430, -22.1930, 11.2390**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.0130, 24.3480, -11.7480**, and **67.2020, 19.4420, -10.9420** is the 20% darker color. If you saturate the color by 10%, you get **112.5140, 27.1910, -13.7130**, and if you desaturate by 10%, it is **119.0000, 17.1950, -8.7650**.

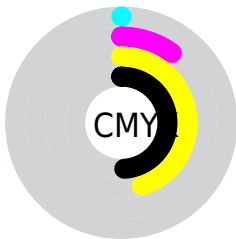
Distribution



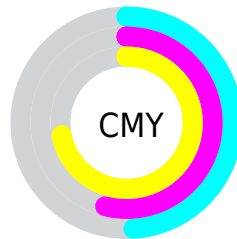
- Red (51%)
- Green (46%)
- Blue (28%)



- Red (35%)
- Yellow (51%)
- Blue (28%)



- Cyan (0%)
- Magenta (10%)
- Yellow (45%)
- Black (49%)



- Cyan (49%)
- Magenta (54%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.7570, 22.1930, -11.2390 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 115.7570, 22.1930, -11.2390 by changing the saturation by 10% instead.

■ 115.7570, 22.1930,
-11.2390

■ 115.7570, 22.1930,
-11.2390

■ 255.0000, -0.0000,
-0.0000

■ 90.6860, 20.9550,
-10.8290

■ 168.0130, 24.3480,
-11.7480

■ 67.2020, 19.4420,
-10.9420

■ 195.1980, 25.2650,
-11.8470

■ 44.2620, 19.2130,
-12.2990

■ 223.3830, 26.1820,
-11.9460

■ 24.8300, 11.9220,
-6.8140

■ 247.7840, 17.5630,
-15.4370

■ 0.0000, 0.0000,
0.0000

■ 252.1500, 8.0250,
-7.7750

■ 115.7570, 22.1930,
-11.2390

■ 115.7570, 22.1930,
-11.2390

■ 112.5140, 27.1910,
-13.7130

■ 119.0000, 17.1950,
-8.7650

■ 109.2710, 32.1890,
-16.1870

■ 122.2430, 12.1970,
-6.2910

■ 106.0280, 37.1870,
-18.6610

■ 125.4860, 7.1990,
-3.8170

■ 102.7850, 42.1850,
-21.1350

■ 128.7290, 2.2010,
-1.3430

■ 99.5420, 47.1830,
-23.6090

■ 131.9720, -2.7970,
1.1310

■ 98.1570, 49.7050,
-25.2630

■ 134.6280, -7.5200,
4.1280

■ 137.8710,
-12.5180, 6.6020

■ 141.1140,

-17.5160, 9.0760

■ 144.3570,
-22.5140, 11.5500

Harmonies

Analogous

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



117.4260, 33.7910, -1.1610



115.7570, 22.1930, -11.2390



113.4880, 3.7170, -17.8110

Triad

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



115.7570, 22.1930, -11.2390



101.7780, -61.3890, -16.3090



120.4450, 15.5850, 20.4250

Complementary

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



115.7570, 22.1930, -11.2390



86.2430, -22.1930, 11.2390

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.



119.9030, -6.3760, 16.4400



115.7570, 22.1930, -11.2390



107.4190, -52.5880, -5.1000

Square

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



115.7570, 22.1930, -11.2390



105.2390, -43.8740, -19.8580



115.2310, -31.0870, 7.2250



119.9490, 31.5410, 17.5970

Rectangle

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



115.7570, 22.1930, -11.2390



111.1210, -11.3670, -19.7750



115.2310, -31.0870, 7.2250



120.5090, 9.5330, 19.9730

Sweetspot

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



115.7570, 22.1930, -11.2390



162.5570, 8.4370, -4.2270



90.9380, 30.0740, 16.6500



80.7570, 4.9980, -2.4740



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



115.7570, 22.1930, -11.2390



145.8860, 34.7110, -17.8410



118.9030, 9.6780, -21.2180



62.0280, 2.7970, -1.1310



96.3850, 49.0630, -24.6410



0.0000, 0.0000, 0.0000

Inverse Universe

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



86.2430, -22.1930, 11.2390



99.7010, -34.9860, 17.3180



83.0970, -9.6780, 21.2180



58.9720, -2.7970, 1.1310



31.6150, -49.0630, 24.6410



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 115.7570, 22.1930, -11.2390 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 115.7570, 22.1930, -11.2390 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 115.7570, 22.1930, -11.2390

Background



This preview shows how black text looks on a background with the YIQ color 115.7570, 22.1930, -11.2390.



This preview shows how white text looks on a background with the YIQ color 115.7570, 22.1930,

-11.2390.

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

115.7570, 22.1930, -11.2390

Protanopia

115.7460, 20.7260, -12.1860

Deuteranopia

116.5240, 30.3990, -5.7690



Tritanopia

119.2020, 11.4150, 7.8870

Trichromacy



Original Color

115.7570, 22.1930, -11.2390

Protanomaly

116.0450, 21.3220, -11.9740

Deuteranomaly

116.5020, 27.4650, -7.6630

Tritanomaly

117.8400, 15.1300, 1.1300

Monochromacy



Original Color

115.7570, 22.1930, -11.2390

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

115.6710, 8.1160, -3.9160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.7570, 22.1930, -11.2390 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(130, 117, 72)` looks like.

```
.text, #text, p{  
    color:rgb(130, 117, 72)  
}
```

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(130, 117, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 117, 72) }
```

Border

The CSS property to change the border of an element to YIQ 115.7570, 22.1930, -11.2390 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(130, 117, 72) }
```


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

```
.border{ border-color:rgb(130, 117, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 117, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 117, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 117, 72);  
box-shadow:4px 4px 4px 4px rgb(130, 117,  
72) }
```

Background

The CSS property to change the background color of an element to YIQ 115.7570, 22.1930, -11.2390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 117, 72) }
```

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

```
.background{ background-color: rgb(130,  
117, 72) }
```

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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