

Converting Colors

YIQ(117.4610, 25.5420,
-22.3780)

Have a look what the booklet for
YIQ(117.4610, 25.5420, -22.3780)
contains.

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Color

**YIQ(117.4610, 25.5420,
-22.3780)**

Conversions

Conversions Part 1

Format	Color
Hex	807D33
RGB	128, 125, 51
RGB Percent	50%, 49%, 20%
CMY	0.4981, 0.5098, 0.7998
CMYK	0.00, 0.02, 0.60, 0.50
HSL	58°, 43%, 35%
HSV	58°, 60%, 50%
XYZ	16.8325, 19.4947, 6.0123
YIQ	117.4610, 25.5420, -22.3780

Conversions

Conversions Part 2

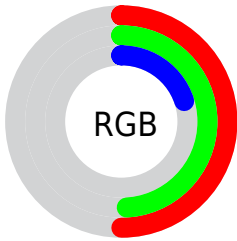
Format	Color
RYB	54, 128, 51
Decimal	8420659
CIELab	51.26, -9.13, 39.81
CIELCh	51, 40.842, 102.922
Yxy	19.4947, 0.3976, 0.4604
Android (android.graphics.Color)	4286610739 (0xFF807D33)
YUV	117.4610, -32.7653, 9.2427
Hunter-Lab	44.1528, -9.2174, 22.8333

Details

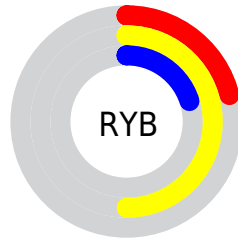
The YIQ color **117.4610, 25.5420, -22.3780** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **61.5390, -25.5420, 22.3780**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **170.1300, 27.9720, -22.3640**, and **67.3360, 24.3960, -23.6360** is the 20% darker color. If you saturate the color by 10%, you get **115.9790, 29.7150, -26.4210**, and if you desaturate by 10%, it is **118.9430, 21.3690, -18.3350**.

Distribution



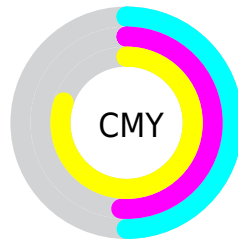
- Red (50%)
- Green (49%)
- Blue (20%)



- Red (21%)
- Yellow (50%)
- Blue (20%)



- Cyan (0%)
- Magenta (2%)
- Yellow (60%)
- Black (50%)



- Cyan (50%)
- Magenta (51%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.4610, 25.5420, -22.3780 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 117.4610, 25.5420, -22.3780 by changing the saturation by 10% instead.

■ 117.4610, 25.5420,
-22.3780

■ 117.4610, 25.5420,
-22.3780

■ 255.0000, -0.0000,
-0.0000

■ 92.1620, 24.9460,
-22.5900

■ 170.1300, 27.9720,
-22.3640

■ 67.3360, 24.3960,
-23.6360

■ 197.7880, 28.9350,
-23.2970

■ 47.2460, 16.1420,
-17.2180

■ 225.9730, 29.8520,
-23.3960

■ 27.7430, 7.6130,
-11.3230

■ 246.4500, 24.0750,
-23.3250

■ 5.2830, -2.4750,
-4.7070

■ 249.6420, 15.0870,
-14.6170

■ 0.0000, 0.0000,
0.0000

■ 252.9480, 5.7780,

-5.5980

■ 117.4610, 25.5420,
-22.3780

■ 117.4610, 25.5420,
-22.3780

■ 115.9790, 29.7150,
-26.4210

■ 118.9430, 21.3690,
-18.3350

■ 113.9100, 34.1630,
-29.9410

■ 121.0120, 16.9210,
-14.8150

■ 112.5420, 38.0150,
-33.6730

■ 122.3800, 13.0690,
-11.0830

■ 110.4730, 42.4630,
-37.1930

■ 124.4490, 8.6210,
-7.5630

■ 125.9310, 4.4480,
-3.5200

■ 128.0000, -0.0000,
-0.0000

■ 129.4820, -4.1730,
4.0430

■ 131.4370, -8.3000,
7.2520

■ 132.9190,
-12.4730, 11.2950

Harmonies

Analogous

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



120.0280, 46.3550, -8.5970



117.4610, 25.5420, -22.3780



113.1350, -5.9550, -29.7550

Triad

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



117.4610, 25.5420, -22.3780



100.2720, -92.1990, -19.6150



124.6910, 32.8680, 32.1000

Complementary

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



117.4610, 25.5420, -22.3780



61.5390, -25.5420, 22.3780

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.



125.5870, 0.8660, 28.3700



117.4610, 25.5420, -22.3780



98.3290, -96.3730, -10.0450

Square

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



117.4610, 25.5420, -22.3780



97.7980, -82.4770, -30.6130



119.5970, -40.6250, 14.8870



123.1150, 51.8050, 24.8050

Rectangle

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



117.4610, 25.5420, -22.3780



107.3090, -32.8680, -32.1000



119.5970, -40.6250, 14.8870



125.9010, 23.4690, 31.7330

Sweetspot

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



117.4610, 25.5420, -22.3780



161.9930, 9.9050, -8.8070



74.4790, 44.6080, 17.5680



81.3610, 6.0530, -5.0750



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.



117.4610, 25.5420, -22.3780



149.3850, 39.8950, -34.7050



108.7570, 3.8570, -31.3670



63.2020, 2.2470, -2.1770



110.4730, 42.4630, -37.1930



0.0000, 0.0000, 0.0000

Inverse Universe

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



61.5390, -25.5420, 22.3780



62.6150, -39.8950, 34.7050



70.2430, -3.8570, 31.3670



58.3850, -2.5220, 1.6540



17.5270, -42.4630, 37.1930



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 117.4610, 25.5420, -22.3780 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 117.4610, 25.5420, -22.3780 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 117.4610, 25.5420, -22.3780

Background



This preview shows how black text looks on a background with the YIQ color 117.4610, 25.5420, -22.3780.



This preview shows how white text looks on a background with the YIQ color 117.4610, 25.5420,

-22.3780.

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

117.4610, 25.5420, -22.3780

Protanopia

117.9780, 31.4560, -19.4240

Deuteranopia

119.3970, 40.7620, -11.8620



Tritanopia

123.4080, 7.8390, 6.6150

Trichromacy



Original Color

117.4610, 25.5420, -22.3780

Protanomaly

117.6680, 29.3930, -20.5830

Deuteranomaly

118.6520, 35.4900, -15.4380

Tritanomaly

121.1940, 13.8930, -3.9870

Monochromacy



Original Color

117.4610, 25.5420, -22.3780

Achromatopsia

117.0000, -0.0000, 0.0000

Achromatomaly

117.2210, 9.2630, -8.1850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.4610, 25.5420, -22.3780 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(128, 125, 51)` looks like.

```
.text, #text, p{  
    color:rgb(128, 125, 51)  
}
```

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(128, 125, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 125, 51) }
```

Border

The CSS property to change the border of an element to YIQ 117.4610, 25.5420, -22.3780 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(128, 125, 51) }
```


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

```
.border{ border-color:rgb(128, 125, 51) }
```

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

Here you see how a box with a 4 pixel rgb(128, 125, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 125, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 125, 51);  
box-shadow:4px 4px 4px 4px rgb(128, 125,  
51) }
```

Background

The CSS property to change the background color of an element to YIQ 117.4610, 25.5420, -22.3780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 125, 51) }
```

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

```
.background{ background-color: rgb(128,  
125, 51) }
```

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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