

Converting Colors

YIQ(111.4600, -25.4430,
-17.9790)

Have a look what the booklet for
YIQ(111.4600, -25.4430, -17.9790)
contains.

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Color

**YIQ(111.4600, -25.4430,
-17.9790)**

Conversions

Conversions Part 1

Format	Color
Hex	4C826D
RGB	76, 130, 109
RGB Percent	30%, 51%, 43%
CMY	0.7021, 0.4901, 0.5726
CMYK	0.42, 0.00, 0.16, 0.49
HSL	157°, 26%, 40%
HSV	157°, 42%, 51%
XYZ	13.7224, 18.6100, 17.3307
YIQ	111.4600, -25.4430, -17.9790

Conversions

Conversions Part 2

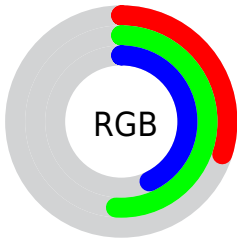
Format	Color
RYB	76, 110, 130
Decimal	5014125
CIELab	50.23, -23.16, 5.80
CIElCh	50, 23.877, 165.948
Yxy	18.6100, 0.2763, 0.3747
Android (android.graphics.Color)	4283204205 (0xFF4C826D)
YUV	111.4600, -1.2128, -31.0984
Hunter-Lab	43.1393, -18.7136, 6.3784

Details

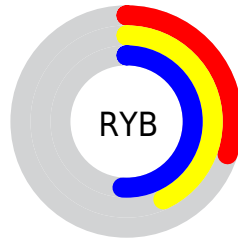
The YIQ color **111.4600, -25.4430, -17.9790** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **94.5400, 25.4430, 17.9790**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **163.6340, -25.9930, -19.0250**, and **61.5030, -27.0020, -17.2580** is the 20% darker color. If you saturate the color by 10%, you get **107.0030, -31.5860, -22.2900**, and if you desaturate by 10%, it is **115.9170, -19.3000, -13.6680**.

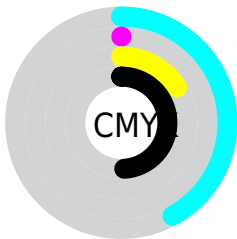
Distribution



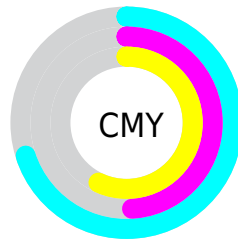
- Red (30%)
- Green (51%)
- Blue (43%)



- Red (30%)
- Yellow (43%)
- Blue (51%)



- Cyan (42%)
- Magenta (0%)
- Yellow (16%)
- Black (49%)



- Cyan (70%)
- Magenta (49%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 111.4600, -25.4430, -17.9790 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 111.4600, -25.4430, -17.9790 by changing the saturation by 10% instead.

■ 111.4600,
-25.4430, -17.9790

■ 111.4600,
-25.4430, -17.9790

■ 255.0000, -0.0000,
-0.0000

■ 86.5740, -25.7640,
-17.6680

■ 163.6340,
-25.9930, -19.0250

■ 61.5030, -27.0020,
-17.2580

■ 191.2210,
-26.2680, -19.5480

■ 38.0190, -28.5150,
-17.3710

■ 219.2210,
-26.2680, -19.5480

■ 22.7110, -15.7240,
-12.3960

■ 240.2910,
-23.2890, -12.9610

■ 1.1740, -0.5500,
-1.0460

■ 249.9170,
-10.1320, -3.6040

■ 0.0000, 0.0000,
0.0000

■ 111.4600,
-25.4430, -17.9790

■ 111.4600,
-25.4430, -17.9790

■ 107.0030,
-31.5860, -22.2900

■ 115.9170,
-19.3000, -13.6680

■ 102.5460,
-37.7290, -26.6010

■ 120.3740,
-13.1570, -9.3570

■ 98.0890, -43.8720,
-30.9120

■ 124.8310, -7.0140,
-5.0460

■ 93.6320, -50.0150,
-35.2230

■ 129.2880, -0.8710,
-0.7350

■ 89.1750, -56.1580,
-39.5340

■ 133.7450, 5.2720,
3.5760

■ 85.3160, -61.1090,
-43.4210

■ 138.2020, 11.4150,
7.8870

■ 142.6590, 17.5580,
12.1980

■ 147.1160, 23.7010,

16.5090

■ 151.6870, 29.5230,
21.1310

Harmonies

Analogous

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



114.8230, -4.5360, -16.9200



111.4600, -25.4430, -17.9790



108.4610, -44.3790, -16.2110

Triad

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



111.4600, -25.4430, -17.9790



119.8690, -18.2040, 10.5320



120.4140, 34.0650, 4.8890

Complementary

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



111.4600, -25.4430, -17.9790



94.5400, 25.4430, 17.9790

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.



121.9010, 31.4960, 12.9040



111.4600, -25.4430, -17.9790



122.6930, 3.0230, 16.8070

Square

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



111.4600, -25.4430, -17.9790



114.1220, -38.3300, 0.8220



122.5010, 21.1790, 18.1630



119.0830, 27.3270, -5.1610

Rectangle

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



111.4600, -25.4430, -17.9790



108.4590, -50.0650, -12.2810



122.5010, 21.1790, 18.1630



121.1090, 33.6060, 7.7020

Sweetspot

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



111.4600, -25.4430, -17.9790



161.1080, -9.3520, -6.7280



114.2760, -1.7380, -23.5780



79.9560, -5.8680, -3.7880



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.



111.4600, -25.4430, -17.9790



139.2360, -39.7920, -27.7600



110.9190, -30.8090, -8.8330



61.5650, -3.2090, -2.4170



84.0280, -60.2380, -42.6860



0.0000, 0.0000, 0.0000

Inverse Universe

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



94.5400, 25.4430, 17.9790



112.8780, 39.4710, 28.0710



95.0810, 30.8090, 8.8330



59.4350, 3.2090, 2.4170



43.9720, 60.2380, 42.6860



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 111.4600, -25.4430, -17.9790 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 111.4600, -25.4430, -17.9790 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 111.4600, -25.4430, -17.9790 Background



This preview shows how black text looks on a background with the YIQ color 111.4600, -25.4430, -17.9790.



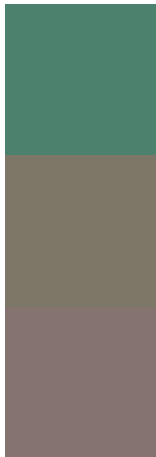
This preview shows how white text looks on a background with the YIQ color 111.4600, -25.4430, -17.9790.

-17.9790.

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

111.4600, -25.4430, -17.9790

Protanopia

118.9700, 8.7120, -3.7040

Deuteranopia

120.0400, 11.6910, 2.8830



Tritanopia

114.2830, -28.8380, -6.0060

Trichromacy



Original Color

111.4600, -25.4430, -17.9790

Protanomaly

116.1640, -3.7580, -8.9900

Deuteranomaly

116.5820, -1.8790, -4.4950

Tritanomaly

112.8330, -27.6910, -10.2750

Monochromacy



Original Color

111.4600, -25.4430, -17.9790

Achromatopsia

111.0000, -0.0000, 0.0000

Achromatomaly

111.1080, -9.3520, -6.7280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.4600, -25.4430, -17.9790 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(76, 130, 109)` looks like.

```
.text, #text, p{  
    color:rgb(76, 130, 109)  
}
```

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(76, 130, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 130, 109) }
```

Border

The CSS property to change the border of an element to YIQ 111.4600, -25.4430, -17.9790 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(76, 130, 109) }
```


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

```
.border{ border-color:rgb(76, 130, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 130, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 130, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 130, 109);  
box-shadow:4px 4px 4px 4px rgb(76, 130,  
109) }
```

Background

The CSS property to change the background color of an element to YIQ 111.4600, -25.4430, -17.9790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 130, 109) }
```

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

```
.background{ background-color: rgb(76, 130,  
109) }
```

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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