

Converting Colors

YIQ(125.7550, -61.4410,
17.6870)

Have a look what the booklet for
YIQ(125.7550, -61.4410, 17.6870)
contains.

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Color

**YIQ(125.7550, -61.4410,
17.6870)**

Conversions

Conversions Part 1

Format	Color
Hex	4E83E0
RGB	78, 131, 224
RGB Percent	31%, 51%, 88%
CMY	0.6942, 0.4862, 0.1219
CMYK	0.65, 0.41, 0.00, 0.12
HSL	218°, 70%, 59%
HSV	218°, 65%, 88%
XYZ	24.7034, 23.2351, 73.6466
YIQ	125.7550, -61.4410, 17.6870

Conversions

Conversions Part 2

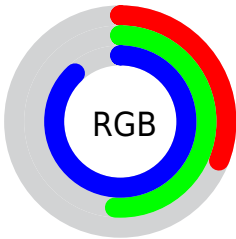
Format	Color
R_{YB}	78, 117, 224
Decimal	5145568
CIE _{Lab}	55.31, 11.70, -52.61
CIE _{LCh}	55, 53.892, 282.540
Yxy	23.2351, 0.2032, 0.1911
Android (android.graphics.Color)	4283335648 (0xFF4E83E0)
YUV	125.7550, 48.4348, -41.8811
Hunter-Lab	48.2028, 7.1245, -56.8442

Details

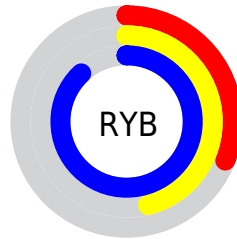
The YIQ color $125.7550, -61.4410, 17.6870$ is a dark color, and the websafe version is hex $6699FF$. The color can be described as middle muted azure. A complement of this color would be $176.2450, 61.4410, -17.6870$, and the grayscale version is $125.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $178.9380, -49.0150, 12.7530$, and $67.2860, -76.4780, 9.3620$ is the 20% darker color. If you saturate the color by 10%, you get $110.9590, -70.7030, 20.3450$, and if you desaturate by 10%, it is $140.5510, -52.1790, 15.0290$.

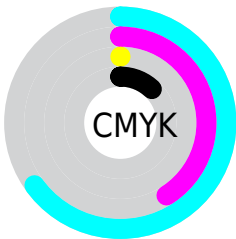
Distribution



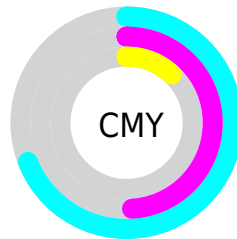
- Red (31%)
- Green (51%)
- Blue (88%)



- Red (31%)
- Yellow (46%)
- Blue (88%)



- Cyan (65%)
- Magenta (41%)
- Yellow (0%)
- Black (12%)



- Cyan (69%)
- Magenta (49%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 125.7550, -61.4410, 17.6870 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 125.7550, -61.4410, 17.6870 by changing the saturation by 10% instead.

■ 125.7550,
-61.4410, 17.6870

■ 125.7550,
-61.4410, 17.6870

■ 255.0000, -0.0000,
-0.0000

■ 96.5260, -68.2260,
13.9980

■ 178.9380,
-49.0150, 12.7530

■ 67.2860, -76.4780,
9.3620

■ 203.7570,
-38.5600, 4.9920

■ 51.2940, -61.7610,
12.4710

■ 229.1630,
-28.3800, -3.2920

■ 36.0030, -47.6400,
15.3680

■ 247.5250,
-14.9000, -5.3000

■ 22.0000, -34.3900,
17.5300

■ 11.6330, -23.1110,
16.8650

■ 6.6630, -14.6280,

11.8040

■ 2.9810, -7.0160,
6.0080

■ 0.0000, 0.0000,
0.0000

■ 125.7550,
-61.4410, 17.6870

■ 125.7550,
-61.4410, 17.6870

■ 110.9590,
-70.7030, 20.3450

■ 140.5510,
-52.1790, 15.0290

■ 95.8640, -80.5610,
22.7910

■ 156.2330,
-42.5960, 12.0600

■ 80.4810, -89.5480,
25.9720

■ 171.0290,
-33.3340, 9.4020

■ 73.0830, -94.1790,
27.3010

■ 186.1240,
-23.4760, 6.9560

■ 200.9200,
-14.2140, 4.2980

■ 216.3030, -5.2270,
1.1170

■ 231.3980, 4.6310,
-1.3290

■ 245.5960, 12.7010,
-4.4110

■ 251.4660, 9.9510,
-9.6410

Harmonies

Analogous

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



110.3090, -110.8160, -7.1040



125.7550, -61.4410, 17.6870



136.6120, -0.2820, 38.1660

Triad

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



125.7550, -61.4410, 17.6870



129.5730, 73.4020, 13.3540



101.5530, -75.1380, -47.9860

Complementary

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



125.7550, -61.4410, 17.6870



176.2450, 61.4410, -17.6870

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.



118.7290, -8.1080, -40.3000



125.7550, -61.4410, 17.6870



128.2930, 61.4860, -12.9940

Square

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



125.7550, -61.4410, 17.6870



130.5350, 68.5380, 35.4340



124.9270, 35.4930, -32.0190



108.1990, -91.0960, -34.1040

Rectangle

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



125.7550, -61.4410, 17.6870



135.5850, 30.7110, 43.6630



124.9270, 35.4930, -32.0190



106.6170, -54.8270, -47.1390

Sweetspot

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



125.7550, -61.4410, 17.6870



220.9670, -21.5960, 5.9240



174.1900, -69.6820, -47.7460



106.9910, -12.9760, 3.8880



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



125.7550, -61.4410, 17.6870



120.9500, -83.6790, 24.2330



100.3250, -35.5420, 49.4340



104.6020, -4.6310, 1.3290



57.6320, -74.0960, 21.2640



16.0380, -20.3580, 5.5140

Inverse Universe

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



127.6960, 70.0030, 47.4350



123.7090, 95.4920, 64.5800



201.3760, 34.9460, -49.6460



104.7450, 5.2720, 3.5760



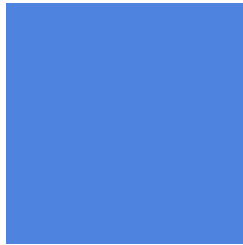
59.9200, 84.3520, 57.2160



16.4040, 22.8300, 15.7740

Previews

White Background



This preview shows how the YIQ color 125.7550, -61.4410, 17.6870 looks on a white background.

Color Contrast Check

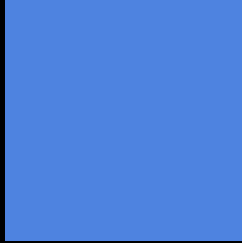
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.7550, -61.4410, 17.6870 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

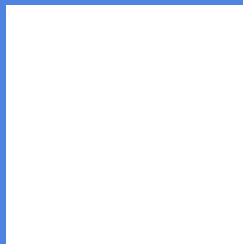
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 125.7550, -61.4410, 17.6870

Background



This preview shows how black text looks on a background with the YIQ color 125.7550, -61.4410, 17.6870.



This preview shows how white text looks on a background with the YIQ color 125.7550, -61.4410, 17.6870.

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

125.7550, -61.4410, 17.6870

Protanopia

128.8380, -51.3090, 21.2910

Deuteranopia

123.2270, -68.8220, 13.7860



Tritanopia

114.0760, -68.2200, -19.1640

Trichromacy



Original Color

125.7550, -61.4410, 17.6870

Protanomaly

128.0440, -54.8850, 20.0190

Deuteranomaly

123.8360, -66.1630, 15.1570

Tritanomaly

118.3620, -65.6090, -5.9050

Monochromacy



Original Color

125.7550, -61.4410, 17.6870

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.1950, -22.2380, 6.5460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.7550, -61.4410, 17.6870 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(78, 131, 224)` looks like.

```
.text, #text, p{  
    color:rgb(78, 131, 224)  
}
```

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(78, 131, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 131, 224) }
```

Border

The CSS property to change the border of an element to YIQ 125.7550, -61.4410, 17.6870 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(78, 131, 224) }
```


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

```
.border{ border-color:rgb(78, 131, 224) }
```

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

Here you see how a box with a 4 pixel rgb(78, 131, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 131, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 131, 224);  
box-shadow:4px 4px 4px 4px rgb(78, 131,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 125.7550, -61.4410, 17.6870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 131, 224) }
```

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

```
.background{ background-color: rgb(78, 131,  
224) }
```

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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