

Converting Colors

YIQ(126.1390, -45.0270,
17.5730)

Have a look what the booklet for
YIQ(126.1390, -45.0270, 17.5730)
contains.

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Color

**YIQ(126.1390, -45.0270,
17.5730)**

Conversions

Conversions Part 1

Format	Color
Hex	5E7FCE
RGB	94, 127, 206
RGB Percent	37%, 50%, 81%
CMY	0.6314, 0.5019, 0.1924
CMYK	0.54, 0.38, 0.00, 0.19
HSL	222°, 53%, 59%
HSV	222°, 54%, 81%
XYZ	23.3397, 22.0149, 61.3727
YIQ	126.1390, -45.0270, 17.5730

Conversions

Conversions Part 2

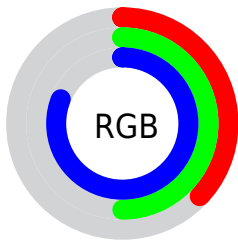
Format	Color
R _Y B	94, 119, 206
Decimal	6193102
CIE Lab	54.04, 11.20, -44.45
CIE LCh	54, 45.834, 284.138
Yxy	22.0149, 0.2187, 0.2063
Android (android.graphics.Color)	4284383182 (0xFF5E7FCE)
YUV	126.1390, 39.3715, -28.1859
Hunter-Lab	46.9201, 6.6819, -44.7089

Details

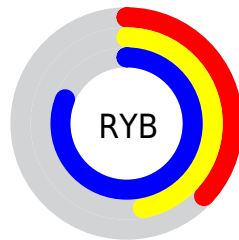
The YIQ color **126.1390, -45.0270, 17.5730** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **173.8610, 45.0270, -17.5730**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.2920, -41.0840, 17.7000**, and **71.9700, -52.0410, 12.5270** is the 20% darker color. If you saturate the color by 10%, you get **111.0550, -53.4180, 20.9660**, and if you desaturate by 10%, it is **141.2230, -36.6360, 14.1800**.

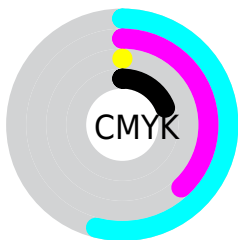
Distribution



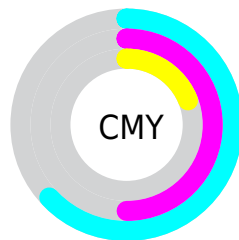
- Red (37%)
- Green (50%)
- Blue (81%)



- Red (37%)
- Yellow (47%)
- Blue (81%)



- Cyan (54%)
- Magenta (38%)
- Yellow (0%)
- Black (19%)



- Cyan (63%)
- Magenta (50%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.1390, -45.0270, 17.5730 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 126.1390, -45.0270, 17.5730 by changing the saturation by 10% instead.

■ 126.1390,
-45.0270, 17.5730

■ 126.1390,
-45.0270, 17.5730

■ 255.0000, -0.0000,
-0.0000

■ 99.3020, -47.0440,
15.5800

■ 179.2920,
-41.0840, 17.7000

■ 71.9700, -52.0410,
12.5270

■ 204.3990,
-31.5000, 9.2040

■ 47.1220, -55.5250,
9.5870

■ 229.5060,
-21.9160, 0.7080

■ 31.8310, -41.4040,
12.4840

■ 249.9170,
-10.1320, -3.6040

■ 16.7680, -27.9250,
16.0030

■ 8.2760, -17.7920,
14.0800

■ 4.5940, -10.1800,

8.2840

■ 0.0000, 0.0000,
0.0000

■ 126.1390,
-45.0270, 17.5730

■ 126.1390,
-45.0270, 17.5730

■ 111.0550,
-53.4180, 20.9660

■ 141.2230,
-36.6360, 14.1800

■ 96.8570, -61.4880,
24.0480

■ 155.4210,
-28.5660, 11.0980

■ 81.7730, -69.8790,
27.4410

■ 170.5050,
-20.1750, 7.7050

■ 67.5750, -77.9490,
30.5230

■ 184.7030,
-12.1050, 4.6230

■ 59.2910, -82.9010,
32.1630

■ 199.7870, -3.7140,
1.2300

■ 214.2840, 4.9520,
-1.6400

■ 229.0690, 12.7470,
-5.2450

■ 242.3700, 19.0290,
-8.9630

■ 249.4140, 15.7290,
-15.2390

Harmonies

Analogous

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



104.9630, -104.0300, -8.9420



126.1390, -45.0270, 17.5730



133.0050, 2.7450, 32.8650

Triad

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



126.1390, -45.0270, 17.5730



128.3050, 62.3530, 9.8490



98.3730, -74.4510, -43.9150

Complementary

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



126.1390, -45.0270, 17.5730



173.8610, 45.0270, -17.5730

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.



117.9450, -8.4760, -33.6280



126.1390, -45.0270, 17.5730



126.7850, 51.3530, -11.0710

Square

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



126.1390, -45.0270, 17.5730



129.2300, 58.9110, 28.1830



123.6090, 27.8810, -26.2230



104.2210, -88.1620, -32.2100

Rectangle

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



126.1390, -45.0270, 17.5730



132.4010, 28.0530, 36.7650



123.6090, 27.8810, -26.2230



110.3570, -41.9910, -37.4710

Sweetspot

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



126.1390, -45.0270, 17.5730



225.7180, -16.4610, 6.4750



168.6360, -55.8380, -34.3180



109.9590, -9.9500, 4.1140



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.



126.1390, -45.0270, 17.5730



136.6870, -66.7610, 25.9990



113.3460, -22.8400, 39.4960



94.9010, -4.0350, 1.5410



47.6870, -66.7610, 25.9990



10.7890, -15.2230, 6.0650

Inverse Universe

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



131.2500, 56.1590, 34.0070



144.2200, 83.2070, 50.4310



186.6540, 22.8400, -39.4960



95.3320, 4.9970, 3.0530



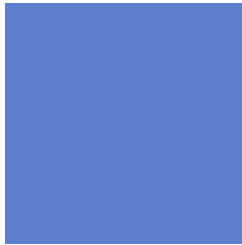
55.2200, 83.2070, 50.4310



12.6160, 19.1170, 11.4770

Previews

White Background



This preview shows how the YIQ color 126.1390, -45.0270, 17.5730 looks on a white background.

Color Contrast Check

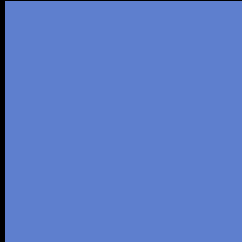
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.1390, -45.0270, 17.5730 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 126.1390, -45.0270, 17.5730

Background



This preview shows how black text looks on a background with the YIQ color 126.1390, -45.0270, 17.5730.

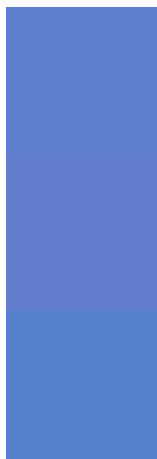


This preview shows how white text looks on a background with the YIQ color 126.1390, -45.0270, 17.5730.

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

126.1390, -45.0270, 17.5730

Protanopia

126.9330, -41.4510, 18.8450

Deuteranopia

124.5080, -50.6200, 14.3080



Tritanopia

120.8190, -42.2710, -10.3590

Trichromacy



Original Color

126.1390, -45.0270, 17.5730

Protanomaly

126.3350, -42.6430, 18.4210

Deuteranomaly

124.8180, -48.5570, 15.4670

Tritanomaly

122.8440, -43.4190, -0.5630

Monochromacy



Original Color

126.1390, -45.0270, 17.5730

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.7180, -16.4610, 6.4750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.1390, -45.0270, 17.5730 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(94, 127, 206)` looks like.

```
.text, #text, p{  
    color:rgb(94, 127, 206)  
}
```

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(94, 127, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 127, 206) }
```

Border

The CSS property to change the border of an element to YIQ 126.1390, -45.0270, 17.5730 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(94, 127, 206) }
```


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

```
.border{ border-color:rgb(94, 127, 206) }
```

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

Here you see how a box with a 4 pixel rgb(94, 127, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 127, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 127, 206);  
box-shadow:4px 4px 4px 4px rgb(94, 127,  
206) }
```

Background

The CSS property to change the background color of an element to YIQ 126.1390, -45.0270, 17.5730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 127, 206) }
```

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

```
.background{ background-color: rgb(94, 127,  
206) }
```

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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