

Converting Colors

YIQ(126.6230, -52.6820, 7.6220)

Have a look what the booklet for
YIQ(126.6230, -52.6820, 7.6220)
contains.

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Color

**YIQ(126.6230, -52.6820,
7.6220)**

Conversions

Conversions Part 1

Format	Color
Hex	5188C6
RGB	81, 136, 198
RGB Percent	32%, 53%, 78%
CMY	0.6824, 0.4666, 0.2238
CMYK	0.59, 0.31, 0.00, 0.22
HSL	212°, 51%, 55%
HSV	212°, 59%, 78%
XYZ	22.3842, 23.4374, 56.7305
YIQ	126.6230, -52.6820, 7.6220

Conversions

Conversions Part 2

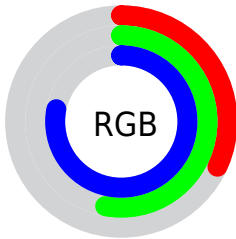
Format	Color
R _Y B	81, 118, 198
Decimal	5343430
CIE Lab	55.52, 0.50, -37.62
CIE LCh	56, 37.627, 270.756
Yxy	23.4374, 0.2183, 0.2285
Android (android.graphics.Color)	4283533510 (0xFF5188C6)
YUV	126.6230, 35.1889, -40.0114
Hunter-Lab	48.4121, -2.1885, -35.5889

Details

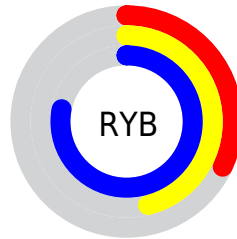
The YIQ color **126.6230, -52.6820, 7.6220** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **152.3770, 52.6820, -7.6220**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.5740, -50.9860, 9.9260**, and **67.4850, -70.1490, -0.7170** is the 20% darker color. If you saturate the color by 10%, you get **114.7730, -61.8520, 8.6120**, and if you desaturate by 10%, it is **139.0600, -43.7870, 6.1090**.

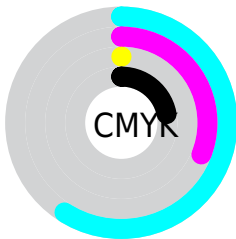
Distribution



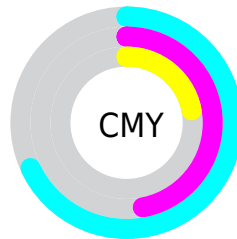
- Red (32%)
- Green (53%)
- Blue (78%)



- Red (32%)
- Yellow (46%)
- Blue (78%)



- Cyan (59%)
- Magenta (31%)
- Yellow (0%)
- Black (22%)



- Cyan (68%)
- Magenta (47%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.6230, -52.6820, 7.6220 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 126.6230, -52.6820, 7.6220 by changing the saturation by 10% instead.

■ 126.6230,
-52.6820, 7.6220

■ 126.6230,
-52.6820, 7.6220

■ 255.0000, -0.0000,
-0.0000

■ 99.4870, -55.2950,
5.4170

■ 181.5740,
-50.9860, 9.9260

■ 67.4850, -70.1490,
-0.7170

■ 206.3820,
-41.9980, 1.2180

■ 51.0200, -55.4780,
3.2260

■ 231.4890,
-32.4140, -7.2780

■ 35.2560, -41.4030,
6.9570

■ 246.3290,
-17.2840, -6.1480

■ 20.7800, -28.1990,
9.9530

■ 7.5920, -15.8660,
12.2140

■ 3.3230, -7.9790,

6.9410

■ 0.0000, 0.0000,
0.0000

■ 126.6230,
-52.6820, 7.6220

■ 126.6230,
-52.6820, 7.6220

■ 114.7730,
-61.8520, 8.6120

■ 139.0600,
-43.7870, 6.1090

■ 102.3360,
-70.7470, 10.1250

■ 150.9100,
-34.6170, 5.1190

■ 90.7850, -79.3210,
11.3270

■ 162.4610,
-26.0430, 3.9170

■ 78.3480, -88.2160,
12.8400

■ 174.8980,
-17.1480, 2.4040

■ 77.1630, -89.1330,
12.9390

■ 186.7480, -7.9780,
1.4140

■ 199.1850, 0.9170,
-0.0990

■ 211.0350, 10.0870,
-1.0890

■ 223.1730, 18.3860,
-2.8140

■ 233.8270, 25.1720,
-4.6520

Harmonies

Analogous

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



106.6610, -100.5440, -17.0560



126.6230, -52.6820, 7.6220



135.2970, -13.1170, 22.9710

Triad

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



126.6230, -52.6820, 7.6220



134.0900, 52.9530, 15.0090



121.0110, -26.0370, -29.2450

Complementary

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



126.6230, -52.6820, 7.6220



152.3770, 52.6820, -7.6220

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.



126.8980, 8.0740, -25.1900



126.6230, -52.6820, 7.6220



132.7390, 48.9670, -0.8650

Square

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



126.6230, -52.6820, 7.6220



135.0910, 43.1850, 26.8410



129.8690, 33.3810, -15.7630



103.2120, -83.9430, -37.0870

Rectangle

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



126.6230, -52.6820, 7.6220



137.0780, 9.6690, 28.5250



129.8690, 33.3810, -15.7630



123.1820, -13.3370, -28.1290

Sweetspot

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



126.6230, -52.6820, 7.6220



227.1580, -20.8160, 2.8000



156.5190, -51.4350, -42.5310



110.5240, -13.1590, 1.6970



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.



126.6230, -52.6820, 7.6220



144.5290, -81.4760, 11.8360



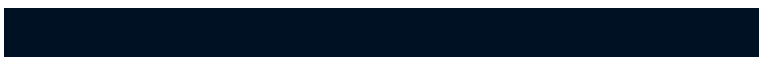
94.9360, -36.3650, 36.8110



93.3740, -3.9890, 0.7070



63.7810, -73.4980, 10.4220



14.0830, -16.2310, 2.3050

Inverse Universe

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



122.2530, 52.0770, 41.9090



137.8090, 80.5910, 64.8070



184.0640, 36.3650, -36.8110



93.1470, 4.0800, 3.1520



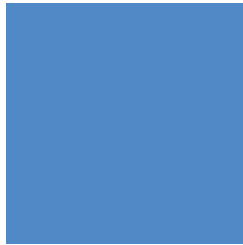
57.5150, 72.4310, 58.5030



12.7020, 15.9990, 12.9190

Previews

White Background



This preview shows how the YIQ color 126.6230, -52.6820, 7.6220 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 126.6230, -52.6820, 7.6220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

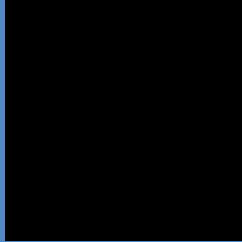
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 126.6230, -52.6820, 7.6220

Background



This preview shows how black text looks on a background with the YIQ color 126.6230, -52.6820, 7.6220.

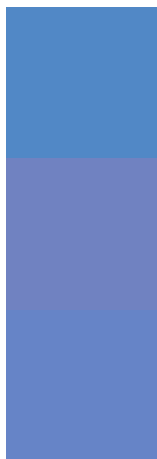


This preview shows how white text looks on a background with the YIQ color 126.6230, -52.6820,

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

126.6230, -52.6820, 7.6220

Protanopia

131.8000, -30.9510, 15.7770

Deuteranopia

130.6680, -39.3870, 14.4770



Tritanopia

121.1490, -52.1280, -13.4400

Trichromacy



Original Color

126.6230, -52.6820, 7.6220

Protanomaly

129.9130, -38.6990, 13.0210

Deuteranomaly

128.8630, -44.4300, 12.2580

Tritanomaly

123.1910, -51.9460, -5.7220

Monochromacy



Original Color

126.6230, -52.6820, 7.6220

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

126.6420, -19.3030, 2.9130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.6230, -52.6820, 7.6220 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(81, 136, 198)` looks like.

```
.text, #text, p{  
    color:rgb(81, 136, 198)  
}
```

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(81, 136, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 136, 198) }
```

Border

The CSS property to change the border of an element to YIQ 126.6230, -52.6820, 7.6220 is called "border". The border property can be set on classes, ids or directly on the HTML element.

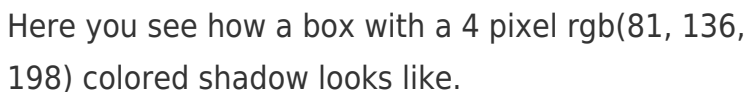
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(81, 136, 198) }
```


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

```
.border{ border-color:rgb(81, 136, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(81, 136, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(81, 136, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(81, 136, 198); box-shadow:4px 4px 4px 4px rgb(81, 136, 198) }
```

Background

The CSS property to change the background color of an element to YIQ 126.6230, -52.6820, 7.6220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 136, 198) }
```

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

```
.background{ background-color: rgb(81, 136,  
198) }
```

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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