

Converting Colors

YIQ(112.7650, -76.5690, 5.5030)

Have a look what the booklet for
YIQ(112.7650, -76.5690, 5.5030)
contains.

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Color

**YIQ(112.7650, -76.5690,
5.5030)**

Conversions

Conversions Part 1

Format	Color
Hex	2B82CF
RGB	43, 130, 207
RGB Percent	17%, 51%, 81%
CMY	0.8315, 0.4900, 0.1886
CMYK	0.79, 0.37, 0.00, 0.19
HSL	208°, 66%, 49%
HSV	208°, 79%, 81%
XYZ	20.2332, 20.9882, 61.9568
YIQ	112.7650, -76.5690, 5.5030

Conversions

Conversions Part 2

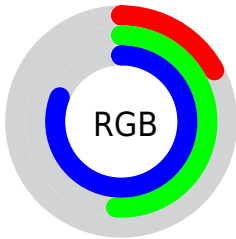
Format	Color
R_{YB}	43, 100, 207
Decimal	2851535
CIE _{Lab}	52.94, 1.41, -46.88
CIE _{LCh}	53, 46.897, 271.718
Yxy	20.9882, 0.1961, 0.2034
Android (android.graphics.Color)	4281041615 (0xFF2B82CF)
YUV	112.7650, 46.4579, -61.1839
Hunter-Lab	45.8129, -1.3382, -48.1140

Details

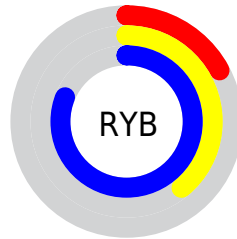
The YIQ color **112.7650, -76.5690, 5.5030** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark muted azure. A complement of this color would be **137.2350, 76.5690, -5.5030**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **170.2780, -64.8320, 7.5520**, and **64.8750, -71.0670, 4.9090** is the 20% darker color. If you saturate the color by 10%, you get **100.6160, -86.3350, 6.2810**, and if you desaturate by 10%, it is **124.9140, -66.8030, 4.7250**.

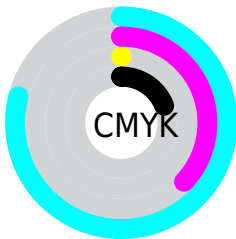
Distribution



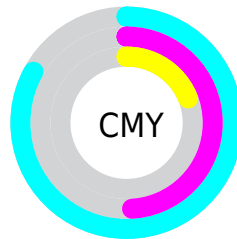
- Red (17%)
- Green (51%)
- Blue (81%)



- Red (17%)
- Yellow (39%)
- Blue (81%)



- Cyan (79%)
- Magenta (37%)
- Yellow (0%)
- Black (19%)



- Cyan (83%)
- Magenta (49%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.7650, -76.5690, 5.5030 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 112.7650, -76.5690, 5.5030 by changing the saturation by 10% instead.

■ 112.7650,
-76.5690, 5.5030

■ 112.7650,
-76.5690, 5.5030

■ 255.0000, -0.0000,
-0.0000

■ 82.0410, -86.3340,
0.7540

■ 170.2780,
-64.8320, 7.5520

■ 64.8750, -71.0670,
4.9090

■ 195.3960,
-53.7810, 0.0030

■ 48.9970, -56.6710,
8.3290

■ 220.8020,
-43.6010, -8.2810

■ 33.7060, -42.5500,
11.2260

■ 239.7510,
-30.3960, -10.8120

■ 18.6430, -29.0710,
14.7450

■ 249.0200,
-11.9200, -4.2400

■ 8.2760, -17.7920,
14.0800

■ 4.5940, -10.1800,

8.2840

■ 0.1140, -0.3210,
0.3110

■ 0.0000, 0.0000,
0.0000

■ 112.7650,
-76.5690, 5.5030

■ 112.7650,
-76.5690, 5.5030

■ 100.6160,
-86.3350, 6.2810

■ 124.9140,
-66.8030, 4.7250

■ 89.3530, -95.7800,
6.7480

■ 136.1770,
-57.3580, 4.2580

■ 88.1680, -96.6970,
6.8470

■ 148.3260,
-47.5920, 3.4800

■ 160.4750,
-37.8260, 2.7020

■ 172.3250,
-28.6560, 1.7120

■ 183.8870,
-18.6150, 1.4570

■ 196.0360, -8.8490,
0.6790

■ 207.8860, 0.3210,
-0.3110

■ 219.4480, 10.3620,
-0.5660

Harmonies

Analogous

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



104.6380, -101.7370, -11.9530



112.7650, -76.5690, 5.5030



128.9040, -16.1440, 28.2720

Triad

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



112.7650, -76.5690, 5.5030



125.3580, 64.0020, 18.5140



107.7980, -38.9190, -38.0790

Complementary

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



112.7650, -76.5690, 5.5030



137.2350, 76.5690, -5.5030

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.



117.3830, 7.8460, -32.0740



112.7650, -76.5690, 5.5030



124.3610, 58.7790, -2.4770

Square

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



112.7650, -76.5690, 5.5030



126.6950, 53.4080, 34.3040



121.7030, 39.4800, -21.6720



100.2940, -81.2380, -36.5500

Rectangle

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



112.7650, -76.5690, 5.5030



130.5610, 12.9230, 35.6350



121.7030, 39.4800, -21.6720



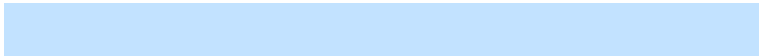
112.4320, -20.2130, -35.6770

Sweetspot

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



112.7650, -76.5690, 5.5030



219.7380, -28.3810, 2.2350



147.9320, -69.4960, -62.1360



106.3710, -17.1020, 1.5700



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.



112.7650, -76.5690, 5.5030



115.7240, -112.8820, 8.3180



64.6310, -54.0190, 48.3890



98.7760, -5.1810, 0.2830



71.3950, -78.4030, 5.7010



17.5880, -19.2110, 1.2450

Inverse Universe

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



101.9540, 69.8170, 61.8250



99.9500, 103.1440, 91.1120



184.7820, 54.2940, -47.8660



97.9730, 4.6300, 4.1980



60.3780, 71.5590, 63.2950



14.7670, 17.3740, 15.5340

Previews

White Background



This preview shows how the YIQ color 112.7650, -76.5690, 5.5030 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 112.7650, -76.5690, 5.5030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

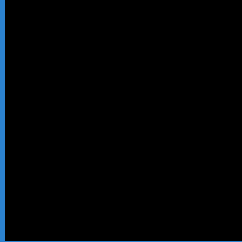
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 112.7650, -76.5690, 5.5030

Background



This preview shows how black text looks on a background with the YIQ color 112.7650, -76.5690, 5.5030.



This preview shows how white text looks on a background with the YIQ color 112.7650, -76.5690,

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

112.7650, -76.5690, 5.5030

Protanopia

123.8190, -41.1300, 18.5340

Deuteranopia

119.2020, -58.5060, 14.0540



Tritanopia

99.2800, -86.6500, -26.5700

Trichromacy



Original Color

112.7650, -76.5690, 5.5030

Protanomaly

120.1270, -53.9210, 13.5590

Deuteranomaly

116.5000, -65.3370, 11.1990

Tritanomaly

104.1100, -82.7550, -14.5550

Monochromacy



Original Color

112.7650, -76.5690, 5.5030

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

112.9230, -27.4640, 2.1360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.7650, -76.5690, 5.5030 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(43, 130, 207)` looks like.

```
.text, #text, p{  
    color:rgb(43, 130, 207)  
}
```

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(43, 130, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 130, 207) }
```

Border

The CSS property to change the border of an element to YIQ 112.7650, -76.5690, 5.5030 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(43, 130, 207) }
```


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

```
.border{ border-color:rgb(43, 130, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 130, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 130, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 130, 207);  
box-shadow:4px 4px 4px 4px rgb(43, 130,  
207) }
```

Background

The CSS property to change the background color of an element to YIQ 112.7650, -76.5690, 5.5030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 130, 207) }
```

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

```
.background{ background-color: rgb(43, 130,  
207) }
```

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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