

Converting Colors

YIQ(127.5870, -26.6380,
-1.8220)

Have a look what the booklet for
YIQ(127.5870, -26.6380, -1.8220)
contains.

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Color

**YIQ(127.5870, -26.6380,
-1.8220)**

Conversions

Conversions Part 1

Format	Color
Hex	65889A
RGB	101, 136, 154
RGB Percent	40%, 53%, 60%
CMY	0.6040, 0.4666, 0.3962
CMYK	0.34, 0.12, 0.00, 0.40
HSL	200°, 21%, 50%
HSV	200°, 34%, 60%
XYZ	20.0012, 22.7102, 33.8879
YIQ	127.5870, -26.6380, -1.8220

Conversions

Conversions Part 2

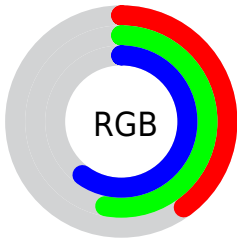
Format	Color
RYB	101, 122, 154
Decimal	6654106
CIELab	54.77, -7.65, -13.52
CIELCh	55, 15.532, 240.479
Yxy	22.7102, 0.2611, 0.2965
Android (android.graphics.Color)	4284844186 (0xFF65889A)
YUV	127.5870, 13.0216, -23.3168
Hunter-Lab	47.6552, -8.4790, -8.8028

Details

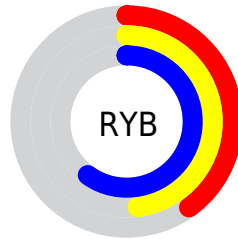
The YIQ color $127.5870, -26.6380, -1.8220$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $127.4130, 26.6380, 1.8220$, and the grayscale version is $127.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $180.7010, -26.9590, -1.5110$, and $77.4730, -26.3170, -2.1330$ is the 20% darker color. If you saturate the color by 10%, you get $120.1670, -34.2030, -2.3870$, and if you desaturate by 10%, it is $135.0070, -19.0730, -1.2570$.

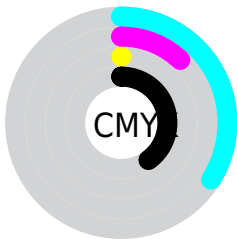
Distribution



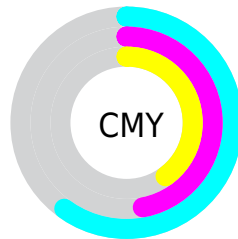
- Red (40%)
- Green (53%)
- Blue (60%)



- Red (40%)
- Yellow (48%)
- Blue (60%)



- Cyan (34%)
- Magenta (12%)
- Yellow (0%)
- Black (40%)



- Cyan (60%)
- Magenta (47%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.5870, -26.6380, -1.8220 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 127.5870, -26.6380, -1.8220 by changing the saturation by 10% instead.

■ 127.5870,
-26.6380, -1.8220

■ 127.5870,
-26.6380, -1.8220

■ 255.0000, -0.0000,
-0.0000

■ 102.4730,
-26.3170, -2.1330

■ 180.7010,
-26.9590, -1.5110

■ 77.4730, -26.3170,
-2.1330

■ 208.5160,
-27.8760, -1.4120

■ 53.7610, -27.1880,
-2.8680

■ 235.9630,
-24.9410, -5.0450

■ 30.4510, -29.2510,
-4.0270

■ 249.6180,
-10.7280, -3.8160

■ 16.2030, -16.6890,
-0.4090

■ 1.2540, -3.5310,
3.4210

■ 0.0000, 0.0000,

0.0000

■ 127.5870,
-26.6380, -1.8220

■ 127.5870,
-26.6380, -1.8220

■ 120.1670,
-34.2030, -2.3870

■ 135.0070,
-19.0730, -1.2570

■ 112.4480,
-42.3640, -3.1640

■ 142.7260,
-10.9120, -0.4800

■ 104.4410,
-49.6540, -3.2060

■ 150.7330, -3.6220,
-0.4380

■ 96.7220, -57.8150,
-3.9830

■ 158.4520, 4.5390,
0.3390

■ 89.3020, -65.3800,
-4.5480

■ 165.8720, 12.1040,
0.9040

■ 81.8820, -72.9450,
-5.1130

■ 173.2920, 19.6690,
1.4690

■ 77.4300, -77.4840,
-5.4520

■ 181.5980, 27.5550,
1.7230

■ 189.0180, 35.1200,
2.2880

■ 196.7370, 43.2810,
3.0650

Harmonies

Analogous

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



125.8270, -27.5540, -7.2500



127.5870, -26.6380, -1.8220



130.1800, -17.8820, 4.6940

Triad

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



127.5870, -26.6380, -1.8220



133.7900, 18.5670, 10.4310



128.9430, 4.1740, -9.5700

Complementary

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



127.5870, -26.6380, -1.8220



127.4130, 26.6380, 1.8220

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.



130.3250, 14.9020, -5.7540



127.5870, -26.6380, -1.8220



133.1940, 23.0610, 6.0770

Square

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



127.5870, -26.6380, -1.8220



133.8690, 8.1590, 11.8310



132.0210, 21.8700, 0.1260



126.9460, -9.0760, -11.7320

Rectangle

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



127.5870, -26.6380, -1.8220



131.7790, -9.2630, 8.1850



132.0210, 21.8700, 0.1260



129.6230, 8.0710, -8.6090

Sweetspot

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



127.5870, -26.6380, -1.8220



188.9110, -9.9950, -0.5790



134.1630, -20.3530, -22.1210



93.3630, -5.4560, -0.2400



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



127.5870, -26.6380, -1.8220



158.0460, -41.1720, -2.7400



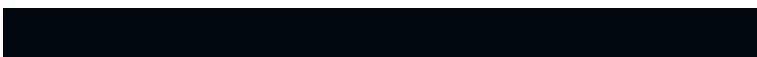
112.3250, -19.4880, 11.7760



72.8470, -3.9430, -0.1270



70.5510, -70.5150, -5.0990



6.1780, -6.3730, -0.1410

Inverse Universe

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



120.8370, 20.3530, 22.1210



147.6740, 31.5380, 34.1780



142.6750, 19.4880, -11.7760



71.9620, 3.1630, 3.2510



52.4620, 53.5870, 58.6030



4.7990, 5.1800, 5.2440

Previews

White Background



This preview shows how the YIQ color 127.5870, -26.6380, -1.8220 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 127.5870, -26.6380, -1.8220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

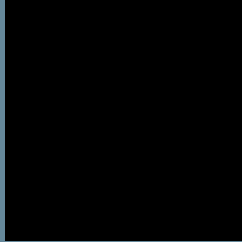
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 127.5870, -26.6380, -1.8220

Background



This preview shows how black text looks on a background with the YIQ color 127.5870, -26.6380, -1.8220.



This preview shows how white text looks on a background with the YIQ color 127.5870, -26.6380, -1.8220.

-1.8220.

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

127.5870, -26.6380, -1.8220

Protanopia

131.3830, -8.2080, 5.5840

Deuteranopia

132.0890, -7.2000, 9.3440



Tritanopia

127.1910, -25.5830, -4.4230

Trichromacy



Original Color

127.5870, -26.6380, -1.8220

Protanomaly

129.9800, -14.4430, 2.9410

Deuteranomaly

130.4470, -14.2600, 5.1320

Tritanomaly

127.4190, -26.2250, -3.8010

Monochromacy



Original Color

127.5870, -26.6380, -1.8220

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

127.7970, -9.6740, -0.8900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.5870, -26.6380, -1.8220 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(101, 136, 154)` looks like.

```
.text, #text, p{  
    color:rgb(101, 136, 154)  
}
```

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(101, 136, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 136, 154) }
```

Border

The CSS property to change the border of an element to YIQ 127.5870, -26.6380, -1.8220 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(101, 136, 154) }
```


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

```
.border{ border-color:rgb(101, 136, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 136, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 136, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 136, 154);  
box-shadow:4px 4px 4px 4px rgb(101, 136,  
154) }
```

Background

The CSS property to change the background color of an element to YIQ 127.5870, -26.6380, -1.8220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 136, 154) }
```

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

```
.background{ background-color: rgb(101,  
136, 154) }
```

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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