

Converting Colors

YIQ(109.6190, -108.7530,
-5.9450)

Have a look what the booklet for
YIQ(109.6190, -108.7530, -5.9450)
contains.

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Color

**YIQ(109.6190, -108.7530,
-5.9450)**

Conversions

Conversions Part 1

Format	Color
Hex	028FDC
RGB	2, 143, 220
RGB Percent	1%, 56%, 86%
CMY	0.9922, 0.4390, 0.1377
CMYK	0.99, 0.35, 0.00, 0.14
HSL	201°, 98%, 43%
HSV	201°, 99%, 86%
XYZ	22.7572, 24.8359, 71.2176
YIQ	109.6190, -108.7530, -5.9450

Conversions

Conversions Part 2

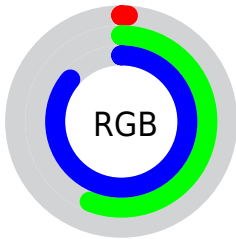
Format	Color
R _Y B	2, 88, 220
Decimal	167900
CIE Lab	56.92, -3.81, -47.89
CIE LCh	57, 48.045, 265.449
Yxy	24.8359, 0.1915, 0.2090
Android (android.graphics.Color)	4278357980 (0xFF028FDC)
YUV	109.6190, 54.4178, -94.3819
Hunter-Lab	49.8356, -5.7012, -49.8434

Details

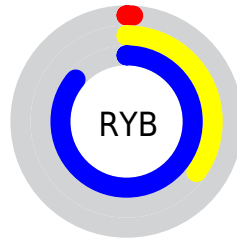
The YIQ color **109.6190, -108.7530, -5.9450** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **112.3810, 108.7530, 5.9450**, and the grayscale version is **109.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **174.9190, -74.3670, -1.3670**, and **73.2870, -78.2190, 2.3650** is the 20% darker color. If you saturate the color by 10%, you get **108.4340, -109.6700, -5.8460**, and if you desaturate by 10%, it is **120.8930, -97.8410, -5.4650**.

Distribution



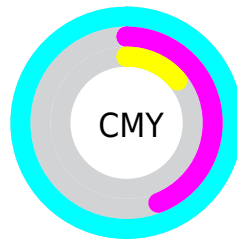
- Red (1%)
- Green (56%)
- Blue (86%)



- Red (1%)
- Yellow (35%)
- Blue (86%)



- Cyan (99%)
- Magenta (35%)
- Yellow (0%)
- Black (14%)



- Cyan (99%)
- Magenta (44%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 109.6190, -108.7530, -5.9450 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 109.6190, -108.7530, -5.9450 by changing the saturation by 10% instead.

■ 109.6190,
-108.7530, -5.9450

■ 109.6190,
-108.7530, -5.9450

■ 255.0000, -0.0000,
-0.0000

■ 91.1540, -94.0820,
-2.0020

■ 174.9190,
-74.3670, -1.3670

■ 73.2870, -78.2190,
2.3650

■ 201.2220,
-62.3990, -9.0150

■ 56.8220, -63.5480,
6.3080

■ 227.5140,
-51.8980, -17.6100

■ 40.9440, -49.1520,
9.7280

■ 237.9570,
-33.9720, -12.0840

■ 26.9410, -35.9020,
11.8900

■ 247.2260,
-15.4960, -5.5120

■ 10.7040, -21.8730,
16.4550

■ 6.3210, -13.6650,

10.8710

■ 2.6390, -6.0530,
5.0750

■ 0.0000, 0.0000,
0.0000

■ 109.6190,
-108.7530, -5.9450

■ 109.6190,
-108.7530, -5.9450

■ 108.4340,
-109.6700, -5.8460

■ 120.8930,
-97.8410, -5.4650

■ 132.1670,
-86.9290, -4.9850

■ 142.8540,
-75.7420, -3.9820

■ 154.1280,
-64.8300, -3.5020

■ 165.4020,
-53.9180, -3.0220

■ 176.6760,
-43.0060, -2.5420

■ 187.3630,
-31.8190, -1.5390

■ 198.6370,
-20.9070, -1.0590

■ 209.9110, -9.9950,
-0.5790

Harmonies

Analogous

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



113.1810, -107.8800, -16.2640



109.6190, -108.7530, -5.9450



137.5760, -26.9640, 26.1240

Triad

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



109.6190, -108.7530, -5.9450



135.8900, 65.5600, 23.3200



121.2570, -27.0900, -37.6980

Complementary

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



109.6190, -108.7530, -5.9450



112.3810, 108.7530, 5.9450

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.



128.9880, 16.3280, -31.6080



109.6190, -108.7530, -5.9450



134.7470, 63.6840, 2.2440

Square

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



109.6190, -108.7530, -5.9450



138.0200, 51.1150, 37.3150



132.7040, 46.9070, -18.6050



106.8650, -84.5840, -41.9920

Rectangle

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



109.6190, -108.7530, -5.9450



140.9560, 4.4410, 35.1690



132.7040, 46.9070, -18.6050



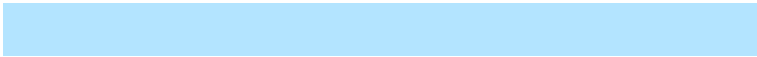
124.6950, -10.7680, -36.1440

Sweetspot

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



109.6190, -108.7530, -5.9450



216.4270, -37.8710, -1.9910



138.6300, -84.3460, -90.3780



104.2670, -22.7410, -0.8610



0.0000, 0.0000, 0.0000



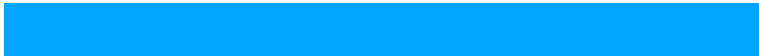
128.0000, -0.0000, -0.0000

Same Dimension

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



109.6190, -108.7530, -5.9450



125.9250, -127.2300, -6.9900



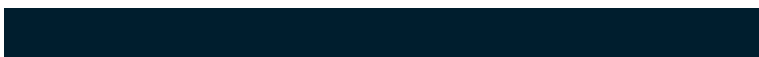
46.2230, -79.0530, 50.5390



104.3630, -5.4560, -0.2400



85.4660, -86.3330, -4.7730



22.8540, -23.0160, -1.3840

Inverse Universe

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



83.2560, 84.6670, 90.0670



95.0550, 99.0150, 105.3750



175.7770, 79.0530, -50.5390



103.0870, 4.3090, 4.5090



64.4950, 67.1560, 71.5080



17.1740, 17.7860, 19.0820

Previews

White Background



This preview shows how the YIQ color 109.6190, -108.7530, -5.9450 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 109.6190, -108.7530, -5.9450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

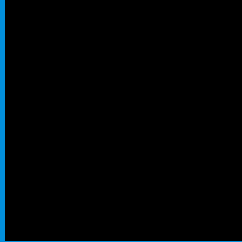
Any Text WCAG AA ✓ Pass

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 109.6190, -108.7530, -5.9450 Background



This preview shows how black text looks on a background with the YIQ color 109.6190, -108.7530, -5.9450.



This preview shows how white text looks on a background with the YIQ color 109.6190, -108.7530, -5.9450.

-5.9450.

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

109.6190, -108.7530, -5.9450

Protanopia

134.1180, -40.5340, 18.7460

Deuteranopia

129.9570, -59.1940, 15.5100



Tritanopia

107.1050, -93.5270, -28.5910

Trichromacy



Original Color

109.6190, -108.7530, -5.9450

Protanomaly

125.4460, -65.2450, 9.5310

Deuteranomaly

122.9330, -76.9820, 7.4820

Tritanomaly

108.0370, -98.8470, -20.2790

Monochromacy



Original Color

109.6190, -108.7530, -5.9450

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.9430, -39.3840, -2.1040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 109.6190, -108.7530, -5.9450 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(2, 143, 220)` looks like.

```
.text, #text, p{  
    color:rgb(2, 143, 220)  
}
```

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(2, 143, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 143, 220) }
```

Border

The CSS property to change the border of an element to YIQ 109.6190, -108.7530, -5.9450 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(2, 143, 220) }
```


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

```
.border{ border-color:rgb(2, 143, 220) }
```

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

Here you see how a box with a 4 pixel rgb(2, 143, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 143, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 143, 220);  
box-shadow:4px 4px 4px 4px rgb(2, 143,  
220) }
```

Background

The CSS property to change the background color of an element to YIQ 109.6190, -108.7530, -5.9450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 143, 220) }
```

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

```
.background{ background-color: rgb(2, 143,  
220) }
```

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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