

Converting Colors

YIQ(106.1720, -76.1570, 9.0510)

Have a look what the booklet for
YIQ(106.1720, -76.1570, 9.0510)
contains.

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Color

**YIQ(106.1720, -76.1570,
9.0510)**

Conversions

Conversions Part 1

Format	Color
Hex	2779CE
RGB	39, 121, 206
RGB Percent	15%, 47%, 81%
CMY	0.8471, 0.5254, 0.1925
CMYK	0.81, 0.41, 0.00, 0.19
HSL	211°, 68%, 48%
HSV	211°, 81%, 81%
XYZ	18.8061, 18.5655, 60.9251
YIQ	106.1720, -76.1570, 9.0510

Conversions

Conversions Part 2

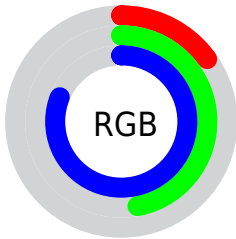
Format	Color
R _Y B	39, 94, 206
Decimal	2587086
CIE Lab	50.17, 6.12, -50.71
CIE LCh	50, 51.080, 276.880
Yxy	18.5655, 0.1913, 0.1889
Android (android.graphics.Color)	4280777166 (0xFF2779CE)
YUV	106.1720, 49.2152, -58.9098
Hunter-Lab	43.0877, 2.5049, -53.6734

Details

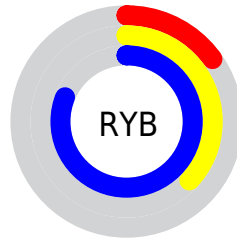
The YIQ color **106.1720, -76.1570, 9.0510** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **138.8280, 76.1570, -9.0510**, and the grayscale version is **106.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **163.8100, -63.2740, 12.3580**, and **60.0650, -68.5460, 8.7820** is the 20% darker color. If you saturate the color by 10%, you get **94.0230, -85.9230, 9.8290**, and if you desaturate by 10%, it is **118.9080, -66.6660, 7.7500**.

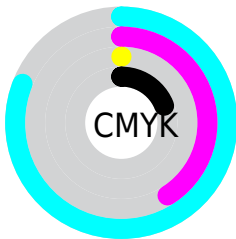
Distribution



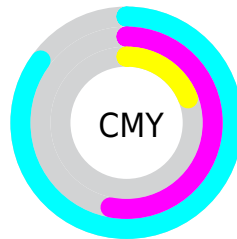
- Red (15%)
- Green (47%)
- Blue (81%)



- Red (15%)
- Yellow (37%)
- Blue (81%)



- Cyan (81%)
- Magenta (41%)
- Yellow (0%)
- Black (19%)



- Cyan (85%)
- Magenta (53%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 106.1720, -76.1570, 9.0510 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 106.1720, -76.1570, 9.0510 by changing the saturation by 10% instead.

■ 106.1720,
-76.1570, 9.0510

■ 106.1720,
-76.1570, 9.0510

■ 255.0000, -0.0000,
-0.0000

■ 77.2310, -83.8130,
4.6270

■ 163.8100,
-63.2740, 12.3580

■ 60.0650, -68.5460,
8.7820

■ 188.9280,
-52.2230, 4.8090

■ 44.1870, -54.1500,
12.2020

■ 214.3340,
-42.0430, -3.4750

■ 30.0700, -40.5790,
14.0530

■ 239.1530,
-31.5880, -11.2360

■ 11.4850, -25.4500,
20.7100

■ 248.1230,
-13.7080, -4.8760

■ 8.1620, -17.4710,
13.7690

■ 4.4800, -9.8590,

7.9730

■ 0.0000, 0.0000,
0.0000

■ 106.1720,
-76.1570, 9.0510

■ 106.1720,
-76.1570, 9.0510

■ 94.0230, -85.9230,
9.8290

■ 118.9080,
-66.6660, 7.7500

■ 82.7710, -93.9010,
11.2430

■ 130.7580,
-57.4960, 6.7600

■ 142.9070,
-47.7300, 5.9820

■ 155.3440,
-38.8350, 4.4690

■ 167.4930,
-29.0690, 3.6910

■ 180.2290,
-19.5780, 2.3900

■ 192.0790,
-10.4080, 1.4000

■ 204.8150, -0.9170,
0.0990

■ 216.6650, 8.2530,
-0.8910

Harmonies

Analogous

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



100.7570, -100.4540, -7.6700



106.1720, -76.1570, 9.0510



122.6600, -9.4050, 32.7950

Triad

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



106.1720, -76.1570, 9.0510



116.4570, 68.0370, 16.9730



90.4680, -64.5930, -46.3610

Complementary

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



106.1720, -76.1570, 9.0510



138.8280, 76.1570, -9.0510

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.



108.5130, 1.4280, -36.9080



106.1720, -76.1570, 9.0510



116.2700, 60.2930, -7.8910

Square

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



106.1720, -76.1570, 9.0510



117.6420, 60.9270, 35.7030



112.7150, 39.2060, -27.7220



96.7720, -79.5880, -33.4120

Rectangle

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



106.1720, -76.1570, 9.0510



122.8010, 21.1750, 40.2710



112.7150, 39.2060, -27.7220



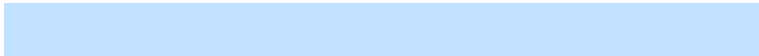
99.9570, -35.1130, -40.9770

Sweetspot

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



106.1720, -76.1570, 9.0510



218.5640, -27.8310, 3.2810



146.4910, -72.5680, -61.5280



105.7840, -16.8270, 2.0930



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.



106.1720, -76.1570, 9.0510



107.1850, -112.5620, 13.5340



58.0380, -53.6070, 51.9370



96.0750, -4.5850, 0.4950



66.4710, -75.5610, 9.2630



15.4850, -17.4230, 1.8810

Inverse Universe

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



98.2810, 73.2100, 60.9060



95.6470, 108.3710, 89.9950



186.9620, 53.6070, -51.9370



95.5600, 4.3550, 3.6750



58.8680, 72.9350, 60.3830



13.5280, 16.5490, 13.9650

Previews

White Background



This preview shows how the YIQ color 106.1720, -76.1570, 9.0510 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 106.1720, -76.1570, 9.0510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

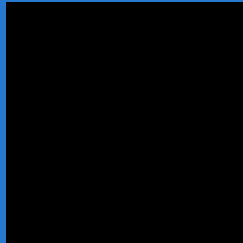
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 106.1720, -76.1570, 9.0510

Background



This preview shows how black text looks on a background with the YIQ color 106.1720, -76.1570, 9.0510.



This preview shows how white text looks on a background with the YIQ color 106.1720, -76.1570, 9.0510.

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

106.1720, -76.1570, 9.0510

Protanopia

115.5240, -47.5490, 19.2270

Deuteranopia

108.2760, -70.5180, 11.4820



Tritanopia

93.5580, -81.5610, -25.1850

Trichromacy



Original Color

106.1720, -76.1570, 9.0510

Protanomaly

112.1420, -58.2770, 15.4110

Deuteranomaly

107.3790, -72.3060, 10.8460

Tritanomaly

98.1320, -79.8210, -12.6610

Monochromacy



Original Color

106.1720, -76.1570, 9.0510

Achromatopsia

106.0000, -0.0000, -0.0000

Achromatomaly

105.8630, -27.2350, 3.4930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 106.1720, -76.1570, 9.0510 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(39, 121, 206)` looks like.

```
.text, #text, p{  
    color:rgb(39, 121, 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(39, 121, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 121, 206) }
```

Border

The CSS property to change the border of an element to YIQ 106.1720, -76.1570, 9.0510 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(39, 121, 206) }
```


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

```
.border{ border-color:rgb(39, 121, 206) }
```

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

Here you see how a box with a 4 pixel rgb(39, 121, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 121, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 121, 206);  
box-shadow:4px 4px 4px 4px rgb(39, 121,  
206) }
```

Background

The CSS property to change the background color of an element to YIQ 106.1720, -76.1570, 9.0510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 121, 206) }
```

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

```
.background{ background-color: rgb(39, 121,  
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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