

Converting Colors

YIQ(106.5290, -72.3080,
21.9000)

Have a look what the booklet for
YIQ(106.5290, -72.3080, 21.9000)
contains.

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Color

**YIQ(106.5290, -72.3080,
21.9000)**

Conversions

Conversions Part 1

Format	Color
Hex	3370E0
RGB	51, 112, 224
RGB Percent	20%, 44%, 88%
CMY	0.8000, 0.5607, 0.1219
CMYK	0.77, 0.50, 0.00, 0.12
HSL	219°, 74%, 54%
HSV	219°, 77%, 88%
XYZ	20.6029, 17.6740, 72.7788
YIQ	106.5290, -72.3080, 21.9000

Conversions

Conversions Part 2

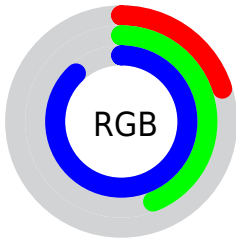
Format	Color
R_{YB}	51, 96, 224
Decimal	3371232
CIE Lab	49.10, 19.76, -62.63
CIE LCh	49, 65.673, 287.509
Yxy	17.6740, 0.1855, 0.1591
Android (android.graphics.Color)	4281561312 (0xFF3370E0)
YUV	106.5290, 57.9132, -48.6989
Hunter-Lab	42.0405, 13.9073, -73.2121

Details

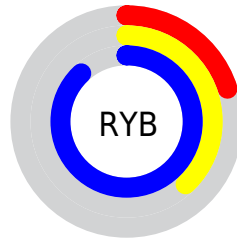
The YIQ color **106.5290, -72.3080, 21.9000** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **168.4710, 72.3080, -21.9000**, and the grayscale version is **106.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **161.2290, -53.9680, 19.9200**, and **57.3070, -71.8030, 18.2530** is the 20% darker color. If you saturate the color by 10%, you get **91.7330, -81.5700, 24.5580**, and if you desaturate by 10%, it is **121.9120, -63.3210, 18.7190**.

Distribution



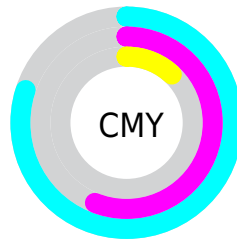
- Red (20%)
- Green (44%)
- Blue (88%)



- Red (20%)
- Yellow (38%)
- Blue (88%)



- Cyan (77%)
- Magenta (50%)
- Yellow (0%)
- Black (12%)



- Cyan (80%)
- Magenta (56%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 106.5290, -72.3080, 21.9000 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 106.5290, -72.3080, 21.9000 by changing the saturation by 10% instead.

■ 106.5290,
-72.3080, 21.9000

■ 106.5290,
-72.3080, 21.9000

■ 255.0000, -0.0000,
-0.0000

■ 73.8860, -86.7950,
14.6210

■ 161.2290,
-53.9680, 19.9200

■ 57.3070, -71.8030,
18.2530

■ 186.3470,
-42.9170, 12.3710

■ 41.9020, -57.3610,
20.8390

■ 212.0520,
-32.1410, 4.2990

■ 28.2580, -43.7440,
21.8560

■ 237.4580,
-21.9610, -3.9850

■ 10.7330, -28.8440,
27.1560

■ 252.0100, -5.9600,
-2.1200

■ 11.5190, -22.7900,
16.5540

■ 6.5490, -14.3070,

11.4930

■ 2.8670, -6.6950,
5.6970

■ 0.0000, 0.0000,
0.0000

■ 106.5290,
-72.3080, 21.9000

■ 106.5290,
-72.3080, 21.9000

■ 91.7330, -81.5700,
24.5580

■ 121.9120,
-63.3210, 18.7190

■ 76.0510, -91.1530,
27.5270

■ 137.0070,
-53.4630, 16.2730

■ 71.9090, -93.6290,
28.3470

■ 151.8030,
-44.2010, 13.6150

■ 167.4850,
-34.6180, 10.6460

■ 182.2810,
-25.3560, 7.9880

■ 197.6640,
-16.3690, 4.8070

■ 212.7590, -6.5110,
2.3610

■ 228.1420, 2.4760,
-0.8200

■ 243.2370, 12.3340,
-3.2660

Harmonies

Analogous

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



102.0740, -108.2960, 2.2960



106.5290, -72.3080, 21.9000



119.4380, 9.4360, 49.2760

Triad

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



106.5290, -72.3080, 21.9000



109.7390, 84.4980, 10.4980



92.5540, -67.7110, -44.9190

Complementary

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



106.5290, -72.3080, 21.9000



168.4710, 72.3080, -21.9000

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.



92.7600, -27.7290, -53.6570



106.5290, -72.3080, 21.9000



110.0620, 66.2100, -21.5180

Square

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



106.5290, -72.3080, 21.9000



106.1890, 84.4920, 43.6600



105.6780, 31.4600, -41.5320



99.7530, -86.6040, -27.4040

Rectangle

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



106.5290, -72.3080, 21.9000



114.1020, 45.7930, 56.6810



105.6780, 31.4600, -41.5320



89.6870, -61.0160, -50.6160

Sweetspot

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



106.5290, -72.3080, 21.9000



215.0530, -24.7140, 7.3660



165.0910, -82.8850, -56.2690



103.1480, -14.8560, 4.9200



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.



106.5290, -72.3080, 21.9000



94.3260, -99.1770, 29.7750



77.5990, -41.8250, 58.6790



104.6020, -4.6310, 1.3290



56.4580, -73.5460, 22.3100



15.4510, -20.0830, 6.0370

Inverse Universe

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



109.6810, 83.5270, 55.6470



98.4390, 114.2880, 76.3680



197.4010, 41.8250, -58.6790



104.7450, 5.2720, 3.5760



59.6920, 84.9940, 56.5940



16.2900, 23.1510, 15.4630

Previews

White Background



This preview shows how the YIQ color 106.5290, -72.3080, 21.9000 looks on a white background.

Color Contrast Check

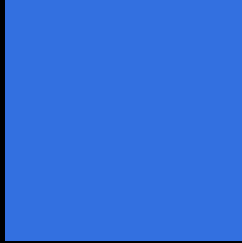
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 106.5290, -72.3080, 21.9000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

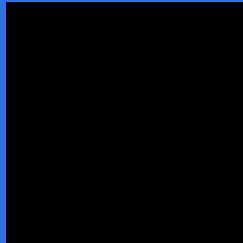
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

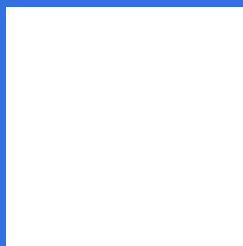
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 106.5290, -72.3080, 21.9000

Background



This preview shows how black text looks on a background with the YIQ color 106.5290, -72.3080, 21.9000.



This preview shows how white text looks on a background with the YIQ color 106.5290, -72.3080,

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

106.5290, -72.3080, 21.9000

Protanopia

106.2300, -72.9040, 21.6880

Deuteranopia

92.8640, -98.8970, 2.6630



Tritanopia

91.4550, -79.7730, -24.5490

Trichromacy



Original Color

106.5290, -72.3080, 21.9000

Protanomaly

106.2300, -72.9040, 21.6880

Deuteranomaly

98.0550, -88.9490, 9.6030

Tritanomaly

97.1480, -76.7500, -7.7420

Monochromacy



Original Color

106.5290, -72.3080, 21.9000

Achromatopsia

107.0000, -0.0000, 0.0000

Achromatomaly

107.0960, -26.2730, 8.0870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 106.5290, -72.3080, 21.9000 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(51, 112, 224)` looks like.

```
.text, #text, p{  
    color:rgb(51, 112, 224)  
}
```

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(51, 112, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 112, 224) }
```

Border

The CSS property to change the border of an element to YIQ 106.5290, -72.3080, 21.9000 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(51, 112, 224) }
```


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

```
.border{ border-color:rgb(51, 112, 224) }
```

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

Here you see how a box with a 4 pixel rgb(51, 112, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 112, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 112, 224);  
box-shadow:4px 4px 4px 4px rgb(51, 112,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 106.5290, -72.3080, 21.9000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 112, 224) }
```

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

```
.background{ background-color: rgb(51, 112,  
224) }
```

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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