

Converting Colors

YIQ(109.2260, -76.2490,
10.7190)

Have a look what the booklet for
YIQ(109.2260, -76.2490, 10.7190)
contains.

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Color

**YIQ(109.2260, -76.2490,
10.7190)**

Conversions

Conversions Part 1

Format	Color
Hex	2B7BD4
RGB	43, 123, 212
RGB Percent	17%, 48%, 83%
CMY	0.8314, 0.5175, 0.1690
CMYK	0.80, 0.42, 0.00, 0.17
HSL	212°, 66%, 50%
HSV	212°, 80%, 83%
XYZ	19.9537, 19.4359, 64.9245
YIQ	109.2260, -76.2490, 10.7190

Conversions

Conversions Part 2

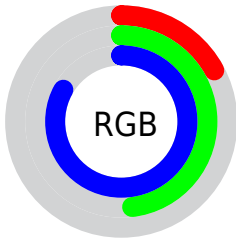
Format	Color
R_{YB}	43, 97, 212
Decimal	2849748
CIE _{Lab}	51.19, 7.54, -52.49
CIE _{LCh}	51, 53.025, 278.174
Yxy	19.4359, 0.1913, 0.1863
Android (android.graphics.Color)	4281039828 (0xFF2B7BD4)
YUV	109.2260, 50.6676, -58.0802
Hunter-Lab	44.0861, 3.6397, -56.4546

Details

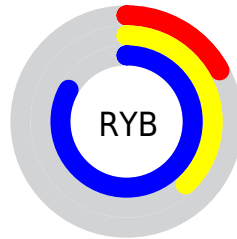
The YIQ color **109.2260, -76.2490, 10.7190** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **145.7740, 76.2490, -10.7190**, and the grayscale version is **109.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **165.8810, -62.0360, 11.9480**, and **61.9230, -71.0220, 9.6020** is the 20% darker color. If you saturate the color by 10%, you get **96.4900, -85.7400, 12.0200**, and if you desaturate by 10%, it is **121.9620, -66.7580, 9.4180**.

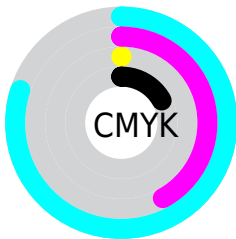
Distribution



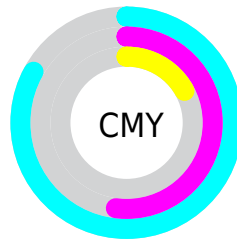
- Red (17%)
- Green (48%)
- Blue (83%)



- Red (17%)
- Yellow (38%)
- Blue (83%)



- Cyan (80%)
- Magenta (42%)
- Yellow (0%)
- Black (17%)



- Cyan (83%)
- Magenta (52%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 109.2260, -76.2490, 10.7190 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 109.2260, -76.2490, 10.7190 by changing the saturation by 10% instead.

■ 109.2260,
-76.2490, 10.7190

■ 109.2260,
-76.2490, 10.7190

■ 255.0000, -0.0000,
-0.0000

■ 79.0890, -86.2890,
5.4470

■ 165.8810,
-62.0360, 11.9480

■ 61.9230, -71.0220,
9.6020

■ 190.9990,
-50.9850, 4.3990

■ 45.9310, -56.3050,
12.7110

■ 216.7040,
-40.2090, -3.6730

■ 31.2270, -42.4590,
15.0850

■ 240.3490,
-29.2040, -10.3880

■ 14.4030, -28.1550,
20.1730

■ 249.3190,
-11.3240, -4.0280

■ 9.3190, -19.3510,
14.8010

■ 4.9360, -11.1430,

9.2170

■ 0.7980, -2.2470,
2.1770

■ 0.0000, 0.0000,
0.0000

■ 109.2260,
-76.2490, 10.7190

■ 109.2260,
-76.2490, 10.7190

■ 96.4900, -85.7400,
12.0200

■ 121.9620,
-66.7580, 9.4180

■ 83.7540, -95.2310,
13.3210

■ 134.6980,
-57.2670, 8.1170

■ 82.8680, -95.5520,
13.6320

■ 147.7330,
-47.1800, 7.0280

■ 161.0560,
-37.9640, 5.2040

■ 173.7920,
-28.4730, 3.9030

■ 186.5280,
-18.9820, 2.6020

■ 199.2640, -9.4910,
1.3010

■ 212.2990, 0.5960,
0.2120

■ 225.0350, 10.0870,
-1.0890

Harmonies

Analogous

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



103.3160, -103.5260, -7.0620



109.2260, -76.2490, 10.7190



125.0240, -7.4340, 35.6220

Triad

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



109.2260, -76.2490, 10.7190



118.8980, 71.1090, 16.3650



92.5710, -66.3810, -46.9970

Complementary

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



109.2260, -76.2490, 10.7190



145.7740, 76.2490, -10.7190

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.



109.7900, -0.9100, -38.5900



109.2260, -76.2490, 10.7190



117.9990, 62.4940, -9.2340

Square

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



109.2260, -76.2490, 10.7190



119.4360, 64.5030, 36.9750



115.0200, 39.6650, -30.5350



99.6900, -82.2930, -33.9490

Rectangle

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



109.2260, -76.2490, 10.7190



124.8230, 24.1090, 42.1650



115.0200, 39.6650, -30.5350



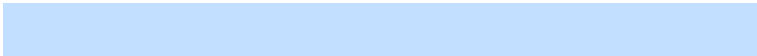
100.5540, -41.3480, -43.6200

Sweetspot

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



109.2260, -76.2490, 10.7190



217.9770, -27.5560, 3.8040



152.1210, -74.4020, -61.3300



105.1970, -16.5520, 2.6160



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.



109.2260, -76.2490, 10.7190



106.0220, -110.5450, 15.5270



63.1630, -52.4610, 53.1950



100.1890, -4.9060, 0.8060



67.0410, -77.1660, 10.8180



17.2290, -19.5780, 2.3900

Inverse Universe

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



102.6510, 75.0440, 60.7080



96.4790, 108.7840, 88.0160



191.8370, 52.4610, -53.1950



99.8590, 4.9510, 3.8870



60.3630, 75.9150, 61.4430



15.2510, 18.8870, 15.6470

Previews

White Background



This preview shows how the YIQ color 109.2260, -76.2490, 10.7190 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 109.2260, -76.2490, 10.7190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

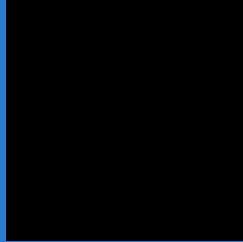
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 109.2260, -76.2490, 10.7190

Background



This preview shows how black text looks on a background with the YIQ color 109.2260, -76.2490, 10.7190.



This preview shows how white text looks on a background with the YIQ color 109.2260, -76.2490,

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

109.2260, -76.2490, 10.7190

Protanopia

117.3820, -50.0250, 20.0470

Deuteranopia

109.8240, -75.0570, 11.1430



Tritanopia

95.7750, -83.6700, -25.5100

Trichromacy



Original Color

109.2260, -76.2490, 10.7190

Protanomaly

114.5980, -59.5610, 16.6550

Deuteranomaly

109.5250, -75.6530, 10.9310

Tritanomaly

100.9470, -80.7380, -12.5620

Monochromacy



Original Color

109.2260, -76.2490, 10.7190

Achromatopsia

109.0000, -0.0000, 0.0000

Achromatomaly

108.9770, -27.5560, 3.8040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 109.2260, -76.2490, 10.7190 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, 123, 212)` looks like.

```
.text, #text, p{  
    color:rgb(43, 123, 212)  
}
```

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, 123, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 123, 212) }
```

Border

The CSS property to change the border of an element to YIQ 109.2260, -76.2490, 10.7190 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, 123, 212) }
```


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

```
.border{ border-color:rgb(43, 123, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 123, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 123, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 123, 212);  
box-shadow:4px 4px 4px 4px rgb(43, 123,  
212) }
```

Background

The CSS property to change the background color of an element to YIQ 109.2260, -76.2490, 10.7190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 123, 212) }
```

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

```
.background{ background-color: rgb(43, 123,  
212) }
```

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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