

Converting Colors

YIQ(119.8320, -78.6760,
-5.8760)

Have a look what the booklet for
YIQ(119.8320, -78.6760, -5.8760)
contains.

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Color

**YIQ(119.8320, -78.6760,
-5.8760)**

Conversions

Conversions Part 1

Format	Color
Hex	2991C5
RGB	41, 145, 197
RGB Percent	16%, 57%, 77%
CMY	0.8394, 0.4312, 0.2278
CMYK	0.79, 0.26, 0.00, 0.23
HSL	200°, 66%, 47%
HSV	200°, 79%, 77%
XYZ	21.1121, 24.7616, 56.4361
YIQ	119.8320, -78.6760, -5.8760

Conversions

Conversions Part 2

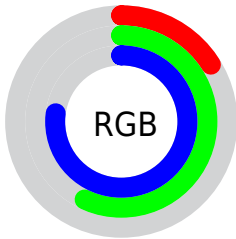
Format	Color
R_{YB}	41, 103, 197
Decimal	2724293
CIE _{Lab}	56.84, -11.17, -35.07
CIE _{LCh}	57, 36.801, 252.334
Yxy	24.7616, 0.2064, 0.2420
Android (android.graphics.Color)	4280914373 (0xFF2991C5)
YUV	119.8320, 38.0438, -69.1357
Hunter-Lab	49.7610, -11.3496, -32.4106

Details

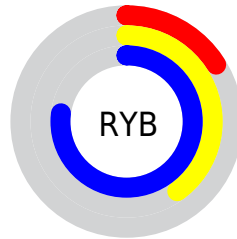
The YIQ color **119.8320, -78.6760, -5.8760** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark muted azure. A complement of this color would be **118.1680, 78.6760, 5.8760**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **178.9580, -70.1030, -1.5510**, and **72.0670, -72.0280, -5.2120** is the 20% darker color. If you saturate the color by 10%, you get **109.7430, -88.6710, -6.4550**, and if you desaturate by 10%, it is **129.9210, -68.6810, -5.2970**.

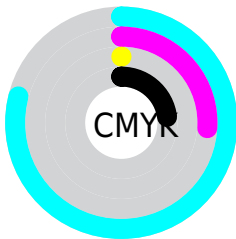
Distribution



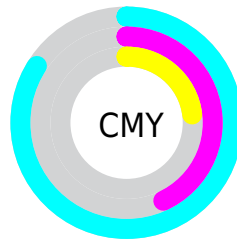
- Red (16%)
- Green (57%)
- Blue (77%)



- Red (16%)
- Yellow (40%)
- Blue (77%)



- Cyan (79%)
- Magenta (26%)
- Yellow (0%)
- Black (23%)



- Cyan (84%)
- Magenta (43%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.8320, -78.6760, -5.8760 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 119.8320, -78.6760, -5.8760 by changing the saturation by 10% instead.

■ 119.8320,
-78.6760, -5.8760

■ 119.8320,
-78.6760, -5.8760

■ 255.0000, -0.0000,
-0.0000

■ 89.1190, -86.9740,
-9.6780

■ 178.9580,
-70.1030, -1.5510

■ 72.0670, -72.0280,
-5.2120

■ 204.4780,
-60.2440, -9.5240

■ 55.0150, -57.0820,
-0.7460

■ 229.8840,
-50.0640, -17.8080

■ 39.2510, -43.0070,
2.9850

■ 238.8540,
-32.1840, -11.4480

■ 24.7750, -29.8030,
5.9810

■ 247.8240,
-14.3040, -5.0880

■ 7.0050, -15.5910,
12.7370

■ 3.3230, -7.9790,

6.9410

■ 0.0000, 0.0000,
0.0000

■ 119.8320,
-78.6760, -5.8760

■ 119.8320,
-78.6760, -5.8760

■ 109.7430,
-88.6710, -6.4550

■ 129.9210,
-68.6810, -5.2970

■ 100.5400,
-98.3450, -7.3450

■ 139.1240,
-59.0070, -4.4070

■ 99.3550, -99.2620,
-7.2460

■ 149.2130,
-49.0120, -3.8280

■ 158.7150,
-38.7420, -2.7260

■ 168.5050,
-29.3430, -2.3590

■ 178.0070,
-19.0730, -1.2570

■ 188.0960, -9.0780,
-0.6780

■ 197.2990, 0.5960,
0.2120

■ 207.3880, 10.5910,
0.7910

Harmonies

Analogous

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



109.0430, -98.9840, -23.3040



119.8320, -78.6760, -5.8760



134.8210, -35.4440, 14.6040

Triad

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



119.8320, -78.6760, -5.8760



138.4950, 47.6790, 22.4870



128.6130, -4.3050, -26.6170

Complementary

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



119.8320, -78.6760, -5.8760



118.1680, 78.6760, 5.8760

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.



132.8570, 24.4870, -19.7770



119.8320, -78.6760, -5.8760



136.9170, 51.7620, 9.0580

Square

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



119.8320, -78.6760, -5.8760



139.8430, 29.3840, 29.1600



135.4130, 43.8330, -6.9430



121.8830, -40.2960, -29.6400

Rectangle

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



119.8320, -78.6760, -5.8760



139.0800, -11.0080, 23.2960



135.4130, 43.8330, -6.9430



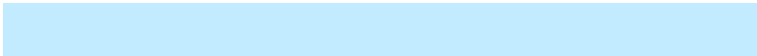
130.5280, 6.2400, -24.9920

Sweetspot

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



119.8320, -78.6760, -5.8760



225.0210, -30.8560, -2.4720



138.1580, -58.6290, -66.3490



109.3060, -18.4770, -1.0450



0.0000, 0.0000, 0.0000



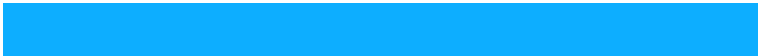
128.0000, -0.0000, -0.0000

Same Dimension

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



119.8320, -78.6760, -5.8760



135.0950, -121.9570, -8.9410



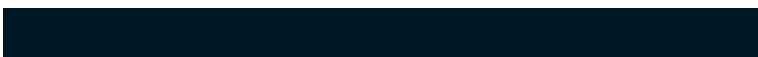
75.8070, -58.0510, 33.3490



94.5480, -4.5390, -0.3390



82.5650, -82.2980, -6.3140



18.1920, -18.1560, -1.3560

Inverse Universe

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



99.5000, 59.5920, 65.4160



103.7120, 92.5510, 101.3750



162.1930, 58.0510, -33.3490



93.3750, 3.4380, 3.7740



61.1630, 62.1590, 68.4550



13.5000, 13.7520, 15.0960

Previews

White Background



This preview shows how the YIQ color 119.8320, -78.6760, -5.8760 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 119.8320, -78.6760, -5.8760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

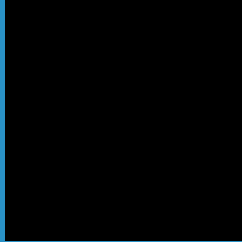
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 119.8320, -78.6760, -5.8760

Background



This preview shows how black text looks on a background with the YIQ color 119.8320, -78.6760, -5.8760.



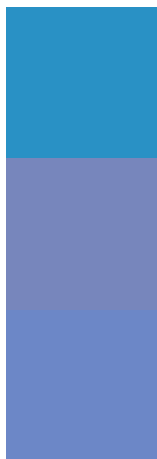
This preview shows how white text looks on a background with the YIQ color 119.8320, -78.6760, -5.8760.

-5.8760.

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

119.8320, -78.6760, -5.8760

Protanopia

135.6710, -26.2740, 13.6140

Deuteranopia

134.2230, -36.6360, 14.1800



Tritanopia

107.2190, -93.8480, -28.2800

Trichromacy



Original Color

119.8320, -78.6760, -5.8760

Protanomaly

129.9890, -45.0250, 6.5190

Deuteranomaly

129.2810, -51.7190, 6.6890

Tritanomaly

111.8980, -88.2100, -20.3220

Monochromacy



Original Color

119.8320, -78.6760, -5.8760

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

119.8040, -28.7470, -2.1470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.8320, -78.6760, -5.8760 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(41, 145, 197)` looks like.

```
.text, #text, p{  
    color:rgb(41, 145, 197)  
}
```

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(41, 145, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 145, 197) }
```

Border

The CSS property to change the border of an element to YIQ 119.8320, -78.6760, -5.8760 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(41, 145, 197) }
```


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

```
.border{ border-color:rgb(41, 145, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 145, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 145, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 145, 197);  
box-shadow:4px 4px 4px 4px rgb(41, 145,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 119.8320, -78.6760, -5.8760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 145, 197) }
```

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

```
.background{ background-color: rgb(41, 145,  
197) }
```

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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