

Converting Colors

YIQ(147.7380, -63.9120,
-9.1280)

Have a look what the booklet for
YIQ(147.7380, -63.9120, -9.1280)
contains.

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Color

**YIQ(147.7380, -63.9120,
-9.1280)**

Conversions

Conversions Part 1

Format	Color
Hex	51ABCB
RGB	81, 171, 203
RGB Percent	32%, 67%, 80%
CMY	0.6825, 0.3293, 0.2042
CMYK	0.60, 0.16, 0.00, 0.20
HSL	196°, 54%, 56%
HSV	196°, 60%, 80%
XYZ	28.7302, 35.1957, 61.7348
YIQ	147.7380, -63.9120, -9.1280

Conversions

Conversions Part 2

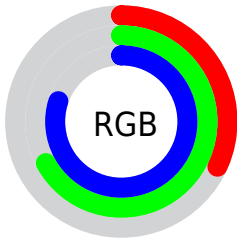
Format	Color
R_{YB}	81, 133, 203
Decimal	5352395
CIE _{Lab}	65.90, -17.46, -24.33
CIE _{LCh}	66, 29.943, 234.330
Yxy	35.1957, 0.2286, 0.2801
Android (android.graphics.Color)	4283542475 (0xFF51ABCB)
YUV	147.7380, 27.2442, -58.5292
Hunter-Lab	59.3260, -17.3770, -20.1692

Details

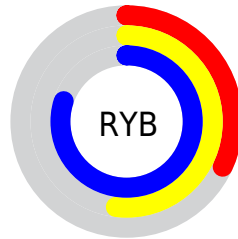
The YIQ color **147.7380, -63.9120, -9.1280** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **136.2620, 63.9120, 9.1280**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **203.5920, -60.5650, -9.2130**, and **86.8390, -80.5540, -15.8980** is the 20% darker color. If you saturate the color by 10%, you get **138.8230, -74.4570, -10.7530**, and if you desaturate by 10%, it is **156.6530, -53.3670, -7.5030**.

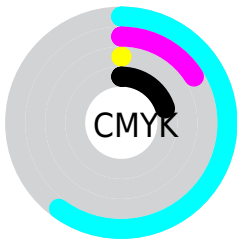
Distribution



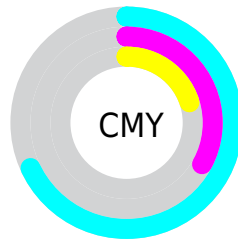
- Red (32%)
- Green (67%)
- Blue (80%)



- Red (32%)
- Yellow (52%)
- Blue (80%)



- Cyan (60%)
- Magenta (16%)
- Yellow (0%)
- Black (20%)



- Cyan (68%)
- Magenta (33%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 147.7380, -63.9120, -9.1280 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 147.7380, -63.9120, -9.1280 by changing the saturation by 10% instead.

■ 147.7380,
-63.9120, -9.1280

■ 147.7380,
-63.9120, -9.1280

■ 255.0000, -0.0000,
-0.0000

■ 118.8300,
-67.1670, -10.7110

■ 203.5920,
-60.5650, -9.2130

■ 86.8390, -80.5540,
-15.8980

■ 229.5850,
-50.6600, -18.0200

■ 69.2000, -65.3330,
-10.9090

■ 238.2560,
-33.3760, -11.8720

■ 52.2620, -50.7080,
-6.1320

■ 247.2260,
-15.4960, -5.5120

■ 36.6120, -36.9540,
-2.0900

■ 22.2500, -24.0710,
1.2170

■ 4.5940, -10.1800,

8.2840

■ 0.0000, 0.0000,
0.0000

■ 147.7380,
-63.9120, -9.1280

■ 147.7380,
-63.9120, -9.1280

■ 138.8230,
-74.4570, -10.7530

■ 156.6530,
-53.3670, -7.5030

■ 129.0220,
-85.3230, -12.0670

■ 166.4540,
-42.5010, -6.1890

■ 120.1070,
-95.8680, -13.6920

■ 175.3690,
-31.9560, -4.5640

■ 111.1920,
-106.4130, -15.3170

■ 184.2840,
-21.4110, -2.9390

■ 193.7860,
-11.1410, -1.8370

■ 203.0000, 0.0000,
-0.0000

■ 211.9150, 10.5450,
1.6250

■ 220.8300, 21.0900,
3.2500

■ 227.9400, 26.5920,
2.6560

Harmonies

Analogous

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



144.8870, -63.3140, -19.9700



147.7380, -63.9120, -9.1280



155.5330, -43.7410, 5.2750

Triad

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



147.7380, -63.9120, -9.1280



163.5950, 32.7780, 22.7140



156.1530, 11.9700, -18.7020

Complementary

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



147.7380, -63.9120, -9.1280



136.2620, 63.9120, 9.1280

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.



159.3730, 32.1420, -9.8260



147.7380, -63.9120, -9.1280



162.5990, 44.1500, 14.8540

Square

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



147.7380, -63.9120, -9.1280



164.1010, 10.8620, 23.4220



161.2100, 43.3270, 2.2310



152.3440, -13.6130, -23.1250

Rectangle

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



147.7380, -63.9120, -9.1280



159.9700, -25.6780, 13.8260



161.2100, 43.3270, 2.2310



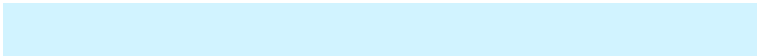
157.6270, 19.4430, -16.4690

Sweetspot

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



147.7380, -63.9120, -9.1280



234.2020, -24.1160, -3.4760



156.0340, -43.1800, -54.4760



114.6330, -15.0840, -1.9640



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.



147.7380, -63.9120, -9.1280



171.8080, -96.4640, -13.9040



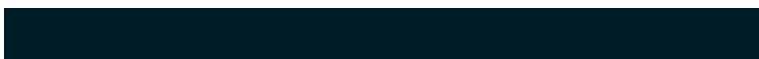
112.5180, -47.4120, 22.2520



97.2490, -5.1350, -0.5510



90.5380, -86.8360, -12.1800



20.7680, -19.8980, -2.8260

Inverse Universe

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



127.7380, 43.8220, 53.8540



141.5200, 66.0080, 81.3040



170.8950, 47.6870, -21.7290



95.7880, 3.7130, 4.2970



63.5420, 59.7740, 73.1340



14.5540, 13.6600, 16.7640

Previews

White Background



This preview shows how the YIQ color 147.7380, -63.9120, -9.1280 looks on a white background.

Color Contrast Check

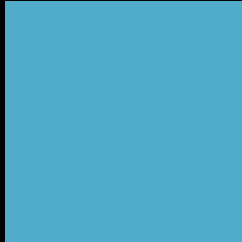
Large Text (above 18pt) WCAG AA × Fail

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 147.7380, -63.9120, -9.1280 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 ✓ Pass

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

YIQ 147.7380, -63.9120, -9.1280

Background



This preview shows how black text looks on a background with the YIQ color 147.7380, -63.9120, -9.1280.



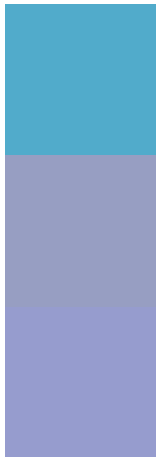
This preview shows how white text looks on a background with the YIQ color 147.7380, -63.9120, -9.1280.

-9.1280.

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

147.7380, -63.9120, -9.1280

Protanopia

160.0110, -15.7280, 9.7120

Deuteranopia

159.9060, -19.6260, 14.2780



Tritanopia

145.6960, -64.0940, -16.8460

Trichromacy



Original Color

147.7380, -63.9120, -9.1280

Protanomaly

155.8130, -32.9660, 2.7300

Deuteranomaly

155.2520, -35.5800, 6.0520

Tritanomaly

146.5760, -63.6360, -14.1320

Monochromacy



Original Color

147.7380, -63.9120, -9.1280

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

147.8000, -22.9240, -3.0520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.7380, -63.9120, -9.1280 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(81, 171, 203)` looks like.

```
.text, #text, p{  
    color:rgb(81, 171, 203)  
}
```

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(81, 171, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 171, 203) }
```

Border

The CSS property to change the border of an element to YIQ 147.7380, -63.9120, -9.1280 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(81, 171, 203) }
```


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

```
.border{ border-color:rgb(81, 171, 203) }
```

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

Here you see how a box with a 4 pixel rgb(81, 171, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 171, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 171, 203);  
box-shadow:4px 4px 4px 4px rgb(81, 171,  
203) }
```

Background

The CSS property to change the background color of an element to YIQ 147.7380, -63.9120, -9.1280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 171, 203) }
```

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

```
.background{ background-color: rgb(81, 171,  
203) }
```

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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