

Converting Colors

YIQ(124.0400, -67.3980,
-1.0140)

Have a look what the booklet for
YIQ(124.0400, -67.3980, -1.0140)
contains.

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Color

**YIQ(124.0400, -67.3980,
-1.0140)**

Conversions

Conversions Part 1

Format	Color
Hex	3B8FC5
RGB	59, 143, 197
RGB Percent	23%, 56%, 77%
CMY	0.7688, 0.4391, 0.2278
CMYK	0.70, 0.27, 0.00, 0.23
HSL	203°, 54%, 50%
HSV	203°, 70%, 77%
XYZ	21.6979, 24.6117, 56.3829
YIQ	124.0400, -67.3980, -1.0140

Conversions

Conversions Part 2

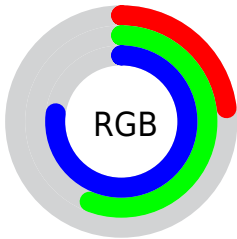
Format	Color
R_{YB}	59, 111, 197
Decimal	3903429
CIE _{Lab}	56.70, -7.76, -35.27
CIE _{LCh}	57, 36.112, 257.595
Yxy	24.6117, 0.2113, 0.2397
Android (android.graphics.Color)	4282093509 (0xFF3B8FC5)
YUV	124.0400, 35.9693, -57.0401
Hunter-Lab	49.6102, -8.7476, -32.6571

Details

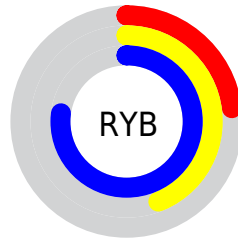
The YIQ color $[124.0400, -67.3980, -1.0140]$ is a dark color, and the websafe version is hex $3399CC$. The color can be described as dark muted azure. A complement of this color would be $[131.9600, 67.3980, 1.0140]$, and the grayscale version is $[124.0000, -0.0000, -0.0000]$.

A 20% lighter version of the original color is $[181.0730, -62.9970, 1.8270]$, and $[70.8930, -71.4780, -4.1660]$ is the 20% darker color. If you saturate the color by 10%, you get $[113.3640, -77.1180, -1.0700]$, and if you desaturate by 10%, it is $[134.7160, -57.6780, -0.9580]$.

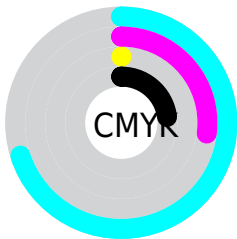
Distribution



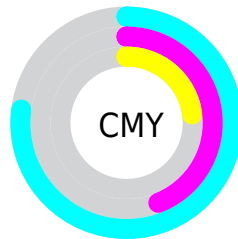
- Red (23%)
- Green (56%)
- Blue (77%)



- Red (23%)
- Yellow (44%)
- Blue (77%)



- Cyan (70%)
- Magenta (27%)
- Yellow (0%)
- Black (23%)



- Cyan (77%)
- Magenta (44%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 124.0400, -67.3980, -1.0140 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 124.0400, -67.3980, -1.0140 by changing the saturation by 10% instead.

■ 124.0400,
-67.3980, -1.0140

■ 124.0400,
-67.3980, -1.0140

■ 255.0000, -0.0000,
-0.0000

■ 91.5220, -80.7390,
-7.0350

■ 181.0730,
-62.9970, 1.8270

■ 70.8930, -71.4780,
-4.1660

■ 206.2940,
-53.7340, -6.3580

■ 54.4280, -56.8070,
-0.2230

■ 231.7000,
-43.5540, -14.6420

■ 38.0770, -42.4570,
4.0310

■ 241.5450,
-26.8200, -9.5400

■ 23.6010, -29.2530,
7.0270

■ 250.5150, -8.9400,
-3.1800

■ 7.0050, -15.5910,
12.7370

■ 3.3230, -7.9790,

6.9410

■ 0.0000, 0.0000,
0.0000

■ 124.0400,
-67.3980, -1.0140

■ 124.0400,
-67.3980, -1.0140

■ 113.3640,
-77.1180, -1.0700

■ 134.7160,
-57.6780, -0.9580

■ 103.5740,
-86.5170, -1.4370

■ 144.5060,
-48.2790, -0.5910

■ 92.8980, -96.2370,
-1.4930

■ 155.1820,
-38.5590, -0.5350

■ 165.8580,
-28.8390, -0.4790

■ 175.6480,
-19.4400, -0.1120

■ 186.3240, -9.7200,
-0.0560

■ 197.0000, -0.0000,
-0.0000

■ 207.6760, 9.7200,
0.0560

■ 217.4660, 19.1190,
0.4230

Harmonies

Analogous

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



108.7980, -99.6720, -21.8480



124.0400, -67.3980, -1.0140



135.9960, -28.5670, 16.6250

Triad

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



124.0400, -67.3980, -1.0140



137.6260, 48.6880, 20.7200



127.2750, -9.1650, -26.6450

Complementary

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



124.0400, -67.3980, -1.0140



131.9600, 67.3980, 1.0140

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.



131.9920, 19.6730, -20.6390



124.0400, -67.3980, -1.0140



136.4390, 50.1120, 5.9200

Square

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



124.0400, -67.3980, -1.0140



139.0560, 33.0980, 27.9300



134.6790, 40.0280, -9.5720



120.0610, -46.6690, -29.7810

Rectangle

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



124.0400, -67.3980, -1.0140



139.4290, -4.6810, 24.2710



134.6790, 40.0280, -9.5720



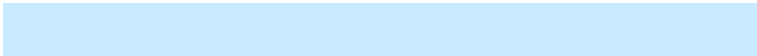
128.8910, 0.7840, -25.2320

Sweetspot

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



124.0400, -67.3980, -1.0140



226.5270, -26.4090, -0.4650



146.0480, -54.9630, -55.6910



110.8010, -15.4970, 0.0150



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.



124.0400, -67.3980, -1.0140



141.7060, -104.4440, -1.4360



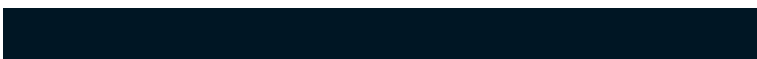
84.1240, -48.6980, 34.5500



94.5480, -4.5390, -0.3390



76.6950, -79.5480, -1.0840



17.0180, -17.6060, -0.3100

Inverse Universe

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



109.8380, 55.2840, 55.3800



119.8060, 85.8140, 85.7980



171.8760, 48.6980, -34.5500



93.3750, 3.4380, 3.7740



60.0230, 65.3690, 65.3450



13.2720, 14.3940, 14.4740

Previews

White Background



This preview shows how the YIQ color 124.0400, -67.3980, -1.0140 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 124.0400, -67.3980, -1.0140 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

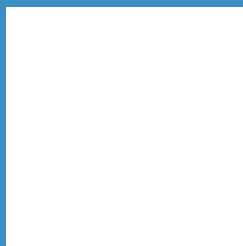
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 124.0400, -67.3980, -1.0140

Background



This preview shows how black text looks on a background with the YIQ color 124.0400, -67.3980, -1.0140.



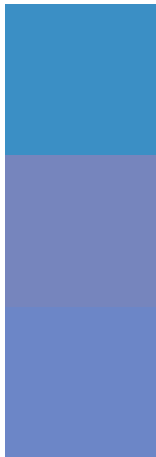
This preview shows how white text looks on a background with the YIQ color 124.0400, -67.3980, -1.0140.

-1.0140.

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

124.0400, -67.3980, -1.0140

Protanopia

134.8990, -26.9160, 14.2360

Deuteranopia

133.6360, -36.3610, 14.7030



Tritanopia

116.3850, -73.5840, -21.0720

Trichromacy



Original Color

124.0400, -67.3980, -1.0140

Protanomaly

131.3100, -41.4950, 8.6250

Deuteranomaly

129.9010, -47.5930, 9.0070

Tritanomaly

118.7970, -71.5680, -13.5520

Monochromacy



Original Color

124.0400, -67.3980, -1.0140

Achromatopsia

124.0000, -0.0000, -0.0000

Achromatomaly

124.0110, -24.8960, -0.3520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.0400, -67.3980, -1.0140 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(59, 143, 197)` looks like.

```
.text, #text, p{  
    color:rgb(59, 143, 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(59, 143, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 143, 197) }
```

Border

The CSS property to change the border of an element to YIQ 124.0400, -67.3980, -1.0140 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(59, 143, 197) }
```


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

```
.border{ border-color:rgb(59, 143, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 143, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 143, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 143, 197);  
box-shadow:4px 4px 4px 4px rgb(59, 143,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 124.0400, -67.3980, -1.0140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 143, 197) }
```

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

```
.background{ background-color: rgb(59, 143,  
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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