

Converting Colors

YIQ(127.0740, -63.5970,
23.7230)

Have a look what the booklet for
YIQ(127.0740, -63.5970, 23.7230)
contains.

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Color

**YIQ(127.0740, -63.5970,
23.7230)**

Conversions

Conversions Part 1

Format	Color
Hex	5181EE
RGB	81, 129, 238
RGB Percent	32%, 51%, 93%
CMY	0.6824, 0.4940, 0.0670
CMYK	0.66, 0.46, 0.00, 0.07
HSL	222°, 82%, 63%
HSV	222°, 66%, 93%
XYZ	26.6653, 23.6227, 83.9770
YIQ	127.0740, -63.5970, 23.7230

Conversions

Conversions Part 2

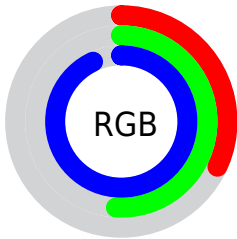
Format	Color
R _Y B	81, 118, 238
Decimal	5341678
CIE Lab	55.71, 18.23, -59.78
CIE LCh	56, 62.497, 286.963
Yxy	23.6227, 0.1986, 0.1759
Android (android.graphics.Color)	4283531758 (0xFF5181EE)
YUV	127.0740, 54.6865, -40.4069
Hunter-Lab	48.6032, 12.8752, -68.4195

Details

The YIQ color **127.0740, -63.5970, 23.7230** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **191.9260, 63.5970, -23.7230**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **178.3730, -45.8060, 15.1700**, and **68.1810, -80.3760, 13.9280** is the 20% darker color. If you saturate the color by 10%, you get **110.5060, -73.5010, 27.0030**, and if you desaturate by 10%, it is **144.2290, -53.9680, 19.9200**.

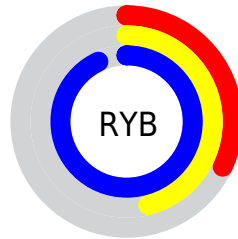
Distribution



Red (32%)

Green (51%)

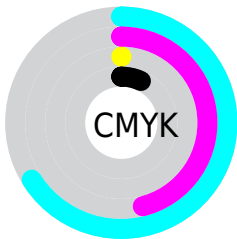
Blue (93%)



Red (32%)

Yellow (46%)

Blue (93%)

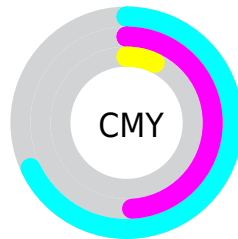


Cyan (66%)

Magenta (46%)

Yellow (0%)

Black (7%)



Cyan (68%)

Magenta (49%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.0740, -63.5970, 23.7230 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 127.0740, -63.5970, 23.7230 by changing the saturation by 10% instead.

■ 127.0740,
-63.5970, 23.7230

■ 127.0740,
-63.5970, 23.7230

■ 255.0000, -0.0000,
-0.0000

■ 97.4320, -70.6570,
19.5110

■ 178.3730,
-45.8060, 15.1700

■ 68.1810, -80.3760,
13.9280

■ 204.0780,
-35.0300, 7.0980

■ 51.6020, -65.3840,
17.5600

■ 229.4840,
-24.8500, -1.1860

■ 36.7840, -51.2170,
19.6230

■ 249.3190,
-11.3240, -4.0280

■ 22.6670, -37.6460,
21.4740

■ 14.6480, -27.4670,
18.7170

■ 8.9770, -18.3880,

13.8680

■ 4.7080, -10.5010,
8.5950

■ 0.2280, -0.6420,
0.6220

■ 127.0740,
-63.5970, 23.7230

■ 127.0740,
-63.5970, 23.7230

■ 110.5060,
-73.5010, 27.0030

■ 144.2290,
-53.9680, 19.9200

■ 93.3510, -83.1300,
30.8060

■ 160.7970,
-44.0640, 16.6400

■ 76.4950, -92.1630,
34.8210

■ 177.6530,
-35.0310, 12.6250

■ 69.9830, -96.4730,
35.8390

■ 194.2210,
-25.1270, 9.3450

■ 211.3760,
-15.4980, 5.5420

■ 227.9440, -5.5940,
2.2620

■ 245.0990, 4.0350,
-1.5410

■ 253.0620, 5.4570,
-5.2870

Harmonies

Analogous

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



112.9480, -116.8690, -2.0290



127.0740, -63.5970, 23.7230



137.3730, 8.0610, 46.6610

Triad

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



127.0740, -63.5970, 23.7230



128.6680, 83.2600, 10.9080



104.3570, -77.5220, -48.8340

Complementary

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



127.0740, -63.5970, 23.7230



191.9260, 63.5970, -23.7230

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.



113.8150, -20.3940, -48.9220



127.0740, -63.5970, 23.7230



125.7050, 71.5290, -24.3030

Square

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



127.0740, -63.5970, 23.7230



127.7000, 81.3750, 39.5750



121.3490, 39.5760, -45.4480



112.0290, -96.3690, -32.1530

Rectangle

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



127.0740, -63.5970, 23.7230



134.0260, 42.9510, 53.1190



121.3490, 39.5760, -45.4480



101.7180, -71.4690, -53.9090

Sweetspot

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



127.0740, -63.5970, 23.7230



219.2060, -20.7710, 7.4930



185.3570, -77.5220, -48.8340



105.8170, -12.4260, 4.9340



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.



127.0740, -63.5970, 23.7230



112.7210, -81.2960, 30.6080



107.5690, -33.1130, 54.9750



111.7160, -4.9520, 1.6400



53.8480, -74.4640, 27.9360



16.3630, -22.6510, 8.5250

Inverse Universe

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



133.4150, 78.1640, 48.2120



121.0530, 100.2150, 61.5830



211.4310, 33.1130, -54.9750



112.0440, 5.8680, 3.7880



61.4000, 91.6880, 56.4240



18.6820, 27.9190, 17.1590

Previews

White Background



This preview shows how the YIQ color 127.0740, -63.5970, 23.7230 looks on a white background.

Color Contrast Check

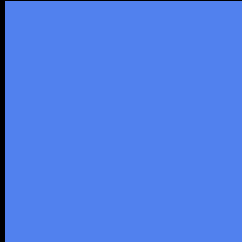
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.0740, -63.5970, 23.7230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

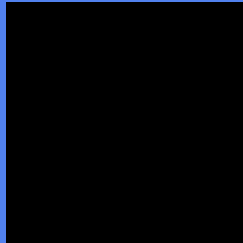
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 127.0740, -63.5970, 23.7230

Background



This preview shows how black text looks on a background with the YIQ color 127.0740, -63.5970, 23.7230.



This preview shows how white text looks on a background with the YIQ color 127.0740, -63.5970,

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

127.0740, -63.5970, 23.7230

Protanopia

127.0740, -63.5970, 23.7230

Deuteranopia

116.3150, -92.6170, 9.9990



Tritanopia

112.1890, -75.9680, -21.9200

Trichromacy



Original Color

127.0740, -63.5970, 23.7230

Protanomaly

127.0740, -63.5970, 23.7230

Deuteranomaly

120.3380, -82.2560, 14.9600

Tritanomaly

117.3660, -71.4320, -5.0000

Monochromacy



Original Color

127.0740, -63.5970, 23.7230

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

127.0640, -23.2470, 8.3130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.0740, -63.5970, 23.7230 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, 129, 238)` looks like.

```
.text, #text, p{  
    color:rgb(81, 129, 238)  
}
```

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, 129, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 129, 238) }
```

Border

The CSS property to change the border of an element to YIQ 127.0740, -63.5970, 23.7230 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, 129, 238) }
```


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

```
.border{ border-color:rgb(81, 129, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 129, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 129, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 129, 238);  
box-shadow:4px 4px 4px 4px rgb(81, 129,  
238) }
```

Background

The CSS property to change the background color of an element to YIQ 127.0740, -63.5970, 23.7230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 129, 238) }
```

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

```
.background{ background-color: rgb(81, 129,  
238) }
```

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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