

Converting Colors

YIQ(125.6970, -72.7210,
23.8790)

Have a look what the booklet for
YIQ(125.6970, -72.7210, 23.8790)
contains.

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Color

**YIQ(125.6970, -72.7210,
23.8790)**

Conversions

Conversions Part 1

Format	Color
Hex	4782F7
RGB	71, 130, 247
RGB Percent	28%, 51%, 97%
CMY	0.7216, 0.4901, 0.0317
CMYK	0.71, 0.47, 0.00, 0.03
HSL	220°, 92%, 62%
HSV	220°, 71%, 97%
XYZ	27.3568, 24.0203, 91.1120
YIQ	125.6970, -72.7210, 23.8790

Conversions

Conversions Part 2

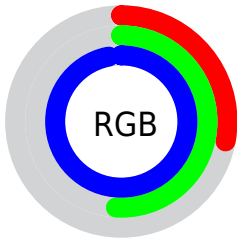
Format	Color
R _Y B	71, 115, 247
Decimal	4686583
CIE Lab	56.11, 19.31, -64.14
CIE LCh	56, 66.987, 286.758
Yxy	24.0203, 0.1920, 0.1686
Android (android.graphics.Color)	4282876663 (0xFF4782F7)
YUV	125.6970, 59.8024, -47.9693
Hunter-Lab	49.0105, 13.8672, -75.9145

Details

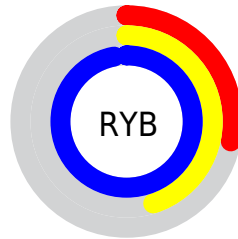
The YIQ color **125.6970, -72.7210, 23.8790** is a light color, and the websafe version is hex **3366CC**. The color can be described as light washed azure. A complement of this color would be **192.3030, 72.7210, -23.8790**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.4650, -49.0610, 13.5870**, and **69.7940, -83.5400, 16.2040** is the 20% darker color. If you saturate the color by 10%, you get **108.8300, -83.2210, 26.9470**, and if you desaturate by 10%, it is **142.5640, -62.2210, 20.8110**.

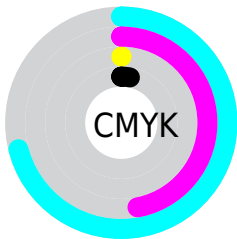
Distribution



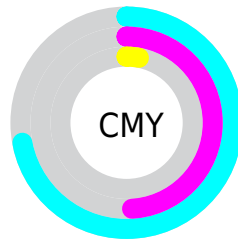
- Red (28%)
- Green (51%)
- Blue (97%)



- Red (28%)
- Yellow (45%)
- Blue (97%)



- Cyan (71%)
- Magenta (47%)
- Yellow (0%)
- Black (3%)



- Cyan (72%)
- Magenta (49%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 125.6970, -72.7210, 23.8790 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 125.6970, -72.7210, 23.8790 by changing the saturation by 10% instead.

■ 125.6970,
-72.7210, 23.8790

■ 125.6970,
-72.7210, 23.8790

■ 255.0000, -0.0000,
-0.0000

■ 91.8690, -88.1250,
16.6990

■ 177.4650,
-49.0610, 13.5870

■ 69.7940, -83.5400,
16.2040

■ 203.1700,
-38.2850, 5.5150

■ 53.6880, -68.5020,
19.0020

■ 228.8750,
-27.5090, -2.5570

■ 38.2830, -54.0600,
21.5880

■ 248.1230,
-13.7080, -4.8760

■ 24.7530, -40.7640,
22.9160

■ 14.8590, -29.4390,
21.4170

■ 10.3620, -20.9100,

15.5220

■ 5.3920, -12.4270,
10.4610

■ 2.1830, -4.7690,
3.8310

■ 125.6970,
-72.7210, 23.8790

■ 125.6970,
-72.7210, 23.8790

■ 108.8300,
-83.2210, 26.9470

■ 142.5640,
-62.2210, 20.8110

■ 91.6750, -92.8500,
30.7500

■ 159.7190,
-52.5920, 17.0080

■ 76.8790,
-102.1120, 33.4080

■ 176.5860,
-42.0920, 13.9400

■ 194.0400,
-31.8670, 10.3490

■ 210.6080,
-21.9630, 7.0690

■ 227.4750,
-11.4630, 4.0010

■ 244.9290, -1.2380,
0.4100

■ 254.0880, 2.5680,
-2.4880

Harmonies

Analogous

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



115.7350, -120.5830, -0.7990



125.6970, -72.7210, 23.8790



137.8940, 8.1520, 50.5200

Triad

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



125.6970, -72.7210, 23.8790



128.7180, 88.9910, 11.6710



105.4170, -77.7510, -50.1910

Complementary

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



125.6970, -72.7210, 23.8790



192.3030, 72.7210, -23.8790

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.



112.2120, -23.1900, -53.3180



125.6970, -72.7210, 23.8790



126.3310, 75.5180, -25.0100

Square

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



125.6970, -72.7210, 23.8790



126.5700, 87.7930, 44.4090



122.5230, 39.0260, -46.4940



113.4310, -97.5610, -32.5770

Rectangle

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



125.6970, -72.7210, 23.8790



134.0420, 46.0220, 58.0380



122.5230, 39.0260, -46.4940



102.5500, -71.0560, -55.8880

Sweetspot

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



125.6970, -72.7210, 23.8790



217.7220, -22.2840, 7.3800



187.3080, -84.9940, -56.5940



105.5180, -13.0220, 4.7220



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.



125.6970, -72.7210, 23.8790



105.5890, -89.7320, 29.3080



98.8380, -41.0000, 60.2480



113.7160, -4.9520, 1.6400



57.5980, -76.7560, 25.4200



18.4660, -24.4390, 7.8890

Inverse Universe

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



130.3500, 85.9570, 55.6610



111.2050, 105.8990, 68.7070



219.1620, 41.0000, -60.2480



114.0440, 5.8680, 3.7880



62.6820, 90.9540, 58.7140



19.9210, 28.7440, 18.7280

Previews

White Background



This preview shows how the YIQ color 125.6970, -72.7210, 23.8790 looks on a white background.

Color Contrast Check

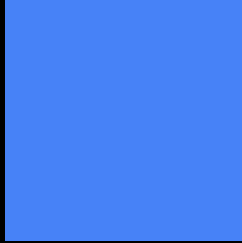
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.6970, -72.7210, 23.8790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

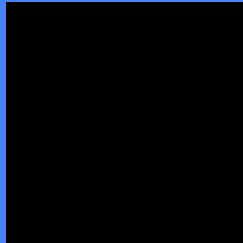
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

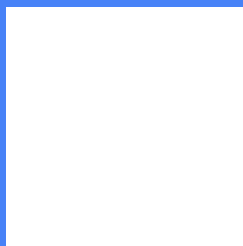
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 125.6970, -72.7210, 23.8790

Background



This preview shows how black text looks on a background with the YIQ color 125.6970, -72.7210, 23.8790.



This preview shows how white text looks on a background with the YIQ color 125.6970, -72.7210, 23.8790.

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

125.6970, -72.7210, 23.8790

Protanopia

126.5940, -70.9330, 24.5150

Deuteranopia

107.1920, -114.4400, 3.5120



Tritanopia

105.1160, -92.0600, -27.6440

Trichromacy



Original Color

125.6970, -72.7210, 23.8790

Protanomaly

126.2950, -71.5290, 24.3030

Deuteranomaly

114.1340, -99.3570, 11.0030

Tritanomaly

112.4290, -84.9110, -8.5190

Monochromacy



Original Color

125.6970, -72.7210, 23.8790

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.6230, -26.3190, 8.9210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.6970, -72.7210, 23.8790 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(71, 130, 247)` looks like.

```
.text, #text, p{  
    color:rgb(71, 130, 247)  
}
```

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(71, 130, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 130, 247) }
```

Border

The CSS property to change the border of an element to YIQ 125.6970, -72.7210, 23.8790 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(71, 130, 247) }
```


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

```
.border{ border-color:rgb(71, 130, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 130, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 130, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 130, 247);  
box-shadow:4px 4px 4px 4px rgb(71, 130,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 125.6970, -72.7210, 23.8790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 130, 247) }
```

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

```
.background{ background-color: rgb(71, 130,  
247) }
```

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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