

Converting Colors

YIQ(125.7320, -71.8020,
12.7260)

Have a look what the booklet for
YIQ(125.7320, -71.8020, 12.7260)
contains.

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Color

**YIQ(125.7320, -71.8020,
12.7260)**

Conversions

Conversions Part 1

Format	Color
Hex	4189E3
RGB	65, 137, 227
RGB Percent	25%, 54%, 89%
CMY	0.7452, 0.4626, 0.1102
CMYK	0.71, 0.40, 0.00, 0.11
HSL	213°, 74%, 57%
HSV	213°, 71%, 89%
XYZ	24.9807, 24.5639, 76.0323
YIQ	125.7320, -71.8020, 12.7260

Conversions

Conversions Part 2

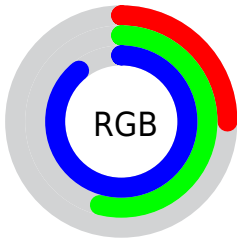
Format	Color
R _Y B	65, 115, 227
Decimal	4295139
CIE Lab	56.65, 7.14, -52.18
CIE LCh	57, 52.667, 277.790
Yxy	24.5639, 0.1989, 0.1956
Android (android.graphics.Color)	4282485219 (0xFF4189E3)
YUV	125.7320, 49.9251, -53.2620
Hunter-Lab	49.5619, 3.2358, -56.2626

Details

The YIQ color **125.7320, -71.8020, 12.7260** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **166.2680, 71.8020, -12.7260**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.7690, -56.0290, 7.7070**, and **71.1500, -79.0910, 7.1570** is the 20% darker color. If you saturate the color by 10%, you get **111.2240, -81.9350, 14.6490**, and if you desaturate by 10%, it is **140.2400, -61.6690, 10.8030**.

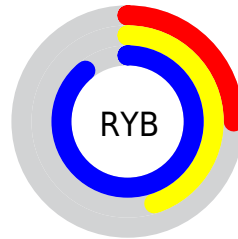
Distribution



Red (25%)

Green (54%)

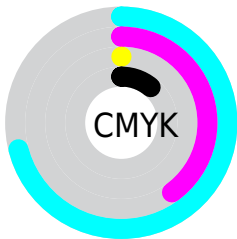
Blue (89%)



Red (25%)

Yellow (45%)

Blue (89%)

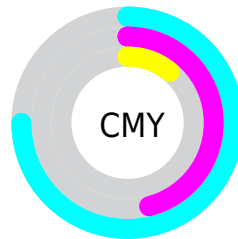


Cyan (71%)

Magenta (40%)

Yellow (0%)

Black (11%)



Cyan (75%)

Magenta (46%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 125.7320, -71.8020, 12.7260 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 125.7320, -71.8020, 12.7260 by changing the saturation by 10% instead.

■ 125.7320,
-71.8020, 12.7260

■ 125.7320,
-71.8020, 12.7260

■ 255.0000, -0.0000,
-0.0000

■ 92.0180, -87.5270,
5.8570

■ 179.7690,
-56.0290, 7.7070

■ 71.1500, -79.0910,
7.1570

■ 205.1750,
-45.8490, -0.5770

■ 54.5710, -64.0990,
10.7890

■ 230.5810,
-35.6690, -8.8610

■ 39.2800, -49.9780,
13.6860

■ 245.1330,
-19.6680, -6.9960

■ 25.1630, -36.4070,
15.5370

■ 254.4020, -1.1920,
-0.4240

■ 12.4480, -24.0280,
16.9640

■ 6.8910, -15.2700,

12.4260

■ 3.2090, -7.6580,
6.6300

■ 0.0000, 0.0000,
0.0000

■ 125.7320,
-71.8020, 12.7260

■ 125.7320,
-71.8020, 12.7260

■ 111.2240,
-81.9350, 14.6490

■ 140.2400,
-61.6690, 10.8030

■ 97.6020, -91.7470,
16.2610

■ 153.8620,
-51.8570, 9.1910

■ 85.1650,
-100.6420, 17.7740

■ 168.3700,
-41.7240, 7.2680

■ 182.2910,
-31.3160, 5.8680

■ 196.5000,
-21.7790, 3.7330

■ 211.0080,
-11.6460, 1.8100

■ 224.9290, -1.2380,
0.4100

■ 239.4370, 8.8950,
-1.5130

■ 248.8730, 10.3630,
-6.0930

Harmonies

Analogous

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



113.1300, -111.8700, -10.0300



125.7320, -71.8020, 12.7260



139.7250, -8.0300, 35.4100

Triad

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



125.7320, -71.8020, 12.7260



133.4960, 72.3010, 16.7890



102.8580, -74.6790, -50.7990

Complementary

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



125.7320, -71.8020, 12.7260



166.2680, 71.8020, -12.7260

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.



124.0890, -0.3140, -38.3780



125.7320, -71.8020, 12.7260



132.7110, 63.3650, -8.4990

Square

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



125.7320, -71.8020, 12.7260



135.0230, 64.2280, 36.4520



129.1880, 39.2520, -28.5560



109.5040, -90.6370, -36.9170

Rectangle

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



125.7320, -71.8020, 12.7260



139.5240, 23.5130, 41.9530



129.1880, 39.2520, -28.5560



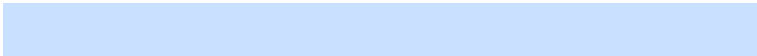
116.2340, -37.4510, -42.6590

Sweetspot

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



125.7320, -71.8020, 12.7260



221.2440, -23.9340, 4.2420



170.2400, -73.1190, -57.0470



107.8660, -14.1220, 2.6300



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.



125.7320, -71.8020, 12.7260



117.9050, -96.9740, 17.3780



85.8600, -47.2340, 52.0780



105.1890, -4.9060, 0.8060



65.8500, -77.9460, 13.9420



18.3860, -21.4580, 3.4220

Inverse Universe

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



121.6460, 73.4400, 56.7360



112.5390, 99.3870, 76.5950



206.1400, 47.2340, -52.0780



104.8590, 4.9510, 3.8870



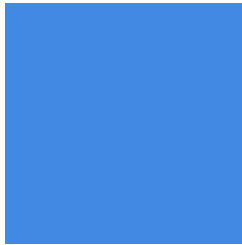
61.5160, 79.8580, 61.5700



16.8600, 21.5460, 17.0180

Previews

White Background



This preview shows how the YIQ color 125.7320, -71.8020, 12.7260 looks on a white background.

Color Contrast Check

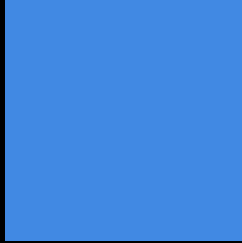
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.7320, -71.8020, 12.7260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

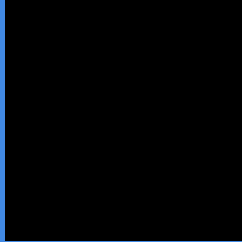
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

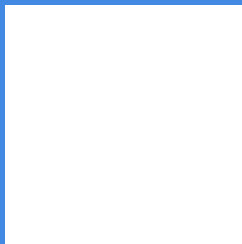
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 125.7320, -71.8020, 12.7260

Background



This preview shows how black text looks on a background with the YIQ color 125.7320, -71.8020, 12.7260.



This preview shows how white text looks on a background with the YIQ color 125.7320, -71.8020, 12.7260.

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

125.7320, -71.8020, 12.7260

Protanopia

132.3930, -48.5580, 20.9940

Deuteranopia

126.9390, -67.9510, 14.5210



Tritanopia

106.5180, -93.2520, -28.0680

Trichromacy



Original Color

125.7320, -71.8020, 12.7260

Protanomaly

130.2070, -56.9020, 18.0260

Deuteranomaly

126.3410, -69.1430, 14.0970

Tritanomaly

113.4950, -85.2770, -12.9010

Monochromacy



Original Color

125.7320, -71.8020, 12.7260

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.9880, -26.0890, 4.7510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.7320, -71.8020, 12.7260 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(65, 137, 227)` looks like.

```
.text, #text, p{  
    color:rgb(65, 137, 227)  
}
```

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(65, 137, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 137, 227) }
```

Border

The CSS property to change the border of an element to YIQ 125.7320, -71.8020, 12.7260 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(65, 137, 227) }
```


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

```
.border{ border-color:rgb(65, 137, 227) }
```

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

Here you see how a box with a 4 pixel rgb(65, 137, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 137, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 137, 227);  
box-shadow:4px 4px 4px 4px rgb(65, 137,  
227) }
```

Background

The CSS property to change the background color of an element to YIQ 125.7320, -71.8020, 12.7260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 137, 227) }
```

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

```
.background{ background-color: rgb(65, 137,  
227) }
```

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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