

Converting Colors

YIQ(126.9190, -73.2260,
27.5260)

Have a look what the booklet for
YIQ(126.9190, -73.2260, 27.5260)
contains.

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Color

**YIQ(126.9190, -73.2260,
27.5260)**

Conversions

Conversions Part 1

Format	Color
Hex	4A81FF
RGB	74, 129, 255
RGB Percent	29%, 51%, 100%
CMY	0.7098, 0.4940, 0.0004
CMYK	0.71, 0.49, 0.00, 0.00
HSL	222°, 100%, 64%
HSV	222°, 71%, 100%
XYZ	28.7104, 24.3756, 97.7160
YIQ	126.9190, -73.2260, 27.5260

Conversions

Conversions Part 2

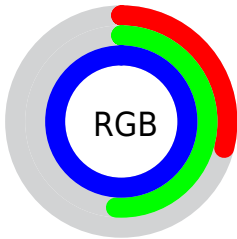
Format	Color
R _Y B	74, 116, 255
Decimal	4882943
CIE Lab	56.46, 23.15, -67.98
CIE LCh	56, 71.813, 288.803
Yxy	24.3756, 0.1904, 0.1616
Android (android.graphics.Color)	4283073023 (0xFF4A81FF)
YUV	126.9190, 63.1439, -46.4100
Hunter-Lab	49.3717, 17.4001, -82.7860

Details

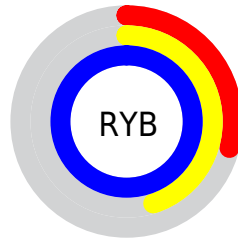
The YIQ color **126.9190, -73.2260, 27.5260** is a light color, and the websafe version is hex **3366CC**. The color can be described as light washed azure. A complement of this color would be **202.0810, 73.2260, -27.5260**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.7750, -46.9980, 14.7460**, and **70.0050, -85.5120, 18.9040** is the 20% darker color. If you saturate the color by 10%, you get **108.8780, -83.1760, 31.6400**, and if you desaturate by 10%, it is **144.9600, -63.2760, 23.4120**.

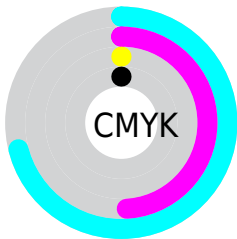
Distribution



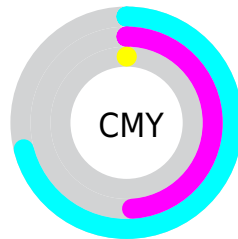
- Red (29%)
- Green (51%)
- Blue (100%)



- Red (29%)
- Yellow (45%)
- Blue (100%)



- Cyan (71%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)



- Cyan (71%)
- Magenta (49%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.9190, -73.2260, 27.5260 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 126.9190, -73.2260, 27.5260 by changing the saturation by 10% instead.

■ 126.9190,
-73.2260, 27.5260

■ 126.9190,
-73.2260, 27.5260

■ 255.0000, -0.0000,
-0.0000

■ 93.3900, -88.0340,
20.5580

■ 177.7750,
-46.9980, 14.7460

■ 70.0050, -85.5120,
18.9040

■ 203.7790,
-35.6260, 6.8860

■ 53.8990, -70.4740,
21.7020

■ 229.4840,
-24.8500, -1.1860

■ 39.0810, -56.3070,
23.7650

■ 249.3190,
-11.3240, -4.0280

■ 25.5510, -43.0110,
25.0930

■ 14.3690, -30.8150,
24.3290

■ 11.6330, -23.1110,

16.8650

■ 6.6630, -14.6280,
11.8040

■ 2.9810, -7.0160,
6.0080

■ 126.9190,
-73.2260, 27.5260

■ 126.9190,
-73.2260, 27.5260

■ 108.8780,
-83.1760, 31.6400

■ 144.9600,
-63.2760, 23.4120

■ 91.1250, -93.9970,
35.0190

■ 162.7130,
-52.4550, 20.0330

■ 74.8560,
-103.3050, 38.5110

■ 180.7540,
-42.5050, 15.9190

■ 199.0940,
-31.9590, 12.0170

■ 217.1350,
-22.0090, 7.9030

■ 234.8880,
-11.1880, 4.5240

■ 252.9290, -1.2380,
0.4100

■ 255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



117.1200, -123.1050, 0.8550



126.9190, -73.2260, 27.5260



138.6930, 13.3320, 55.7640

Triad

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



126.9190, -73.2260, 27.5260



127.8880, 94.2640, 9.7200



107.5200, -79.5390, -50.8270

Complementary

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



126.9190, -73.2260, 27.5260



202.0810, 73.2260, -27.5260

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.



107.6510, -34.9720, -60.0600



126.9190, -73.2260, 27.5260



127.2060, 74.3720, -26.2680

Square

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



126.9190, -73.2260, 27.5260



124.4570, 95.5410, 47.1650



122.2020, 35.4960, -48.6000



115.5170, -100.6790, -31.1350

Rectangle

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



126.9190, -73.2260, 27.5260



132.6240, 53.3110, 63.6070



122.2020, 35.4960, -48.6000



103.8380, -71.9270, -56.6230

Sweetspot

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



126.9190, -73.2260, 27.5260



217.1350, -22.0090, 7.9030



194.3830, -89.5790, -56.0990



104.9310, -12.7470, 5.2450



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.



126.9190, -73.2260, 27.5260



101.4800, -87.8070, 32.9690



104.5010, -38.4330, 63.2870



118.8300, -5.2730, 1.9510



55.8200, -77.2610, 29.0670



18.4490, -25.7690, 9.9670

Inverse Universe

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



134.3890, 90.2210, 55.4770



110.4070, 108.1460, 66.5300



224.4990, 38.4330, -63.2870



119.3430, 6.4640, 4.0000



63.7210, 95.2180, 58.5300



21.3020, 32.0450, 19.4770

Previews

White Background



This preview shows how the YIQ color 126.9190, -73.2260, 27.5260 looks on a white background.

Color Contrast Check

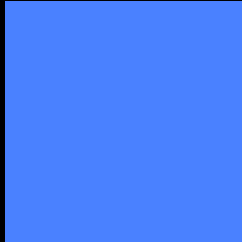
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.9190, -73.2260, 27.5260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

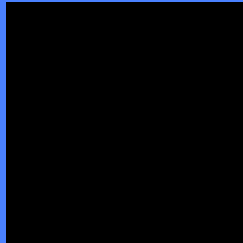
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

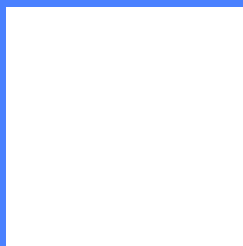
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 126.9190, -73.2260, 27.5260

Background



This preview shows how black text looks on a background with the YIQ color 126.9190, -73.2260, 27.5260.



This preview shows how white text looks on a background with the YIQ color 126.9190, -73.2260, 27.5260.

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

126.9190, -73.2260, 27.5260

Protanopia

124.8150, -78.8650, 25.0950

Deuteranopia

107.8930, -115.0360, 3.3000



Tritanopia

105.8170, -92.6560, -27.8560

Trichromacy



Original Color

126.9190, -73.2260, 27.5260

Protanomaly

125.7120, -77.0770, 25.7310

Deuteranomaly

114.7750, -99.7240, 12.1480

Tritanomaly

113.6570, -85.5530, -7.8970

Monochromacy



Original Color

126.9190, -73.2260, 27.5260

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

127.2640, -26.6860, 10.0660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.9190, -73.2260, 27.5260 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(74, 129, 255)` looks like.

```
.text, #text, p{  
    color:rgb(74, 129, 255)  
}
```

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(74, 129, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 129, 255) }
```

Border

The CSS property to change the border of an element to YIQ 126.9190, -73.2260, 27.5260 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(74, 129, 255) }
```


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

```
.border{ border-color:rgb(74, 129, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 129, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 129, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 129, 255);  
box-shadow:4px 4px 4px 4px rgb(74, 129,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 126.9190, -73.2260, 27.5260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 129, 255) }
```

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

```
.background{ background-color: rgb(74, 129,  
255) }
```

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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