

Converting Colors

YIQ(121.2300, -21.3190,
-4.6070)

Have a look what the booklet for
YIQ(121.2300, -21.3190, -4.6070)
contains.

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Color

**YIQ(121.2300, -21.3190,
-4.6070)**

Conversions

Conversions Part 1

Format	Color
Hex	628289
RGB	98, 130, 137
RGB Percent	38%, 51%, 54%
CMY	0.6158, 0.4901, 0.4628
CMYK	0.28, 0.05, 0.00, 0.46
HSL	191°, 17%, 46%
HSV	191°, 28%, 54%
XYZ	17.5332, 20.3700, 26.6660
YIQ	121.2300, -21.3190, -4.6070

Conversions

Conversions Part 2

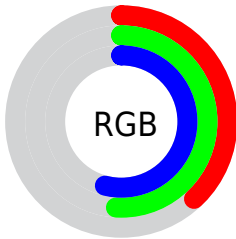
Format	Color
R _{YB}	98, 116, 137
Decimal	6455945
CIE Lab	52.25, -9.57, -7.45
CIE LCh	52, 12.127, 217.922
Yxy	20.3700, 0.2715, 0.3155
Android (android.graphics.Color)	4284646025 (0xFF628289)
YUV	121.2300, 7.7746, -20.3727
Hunter-Lab	45.1331, -9.6399, -3.4371

Details

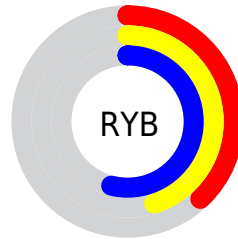
The YIQ color $121.2300, -21.3190, -4.6070$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $113.7700, 21.3190, 4.6070$, and the grayscale version is $121.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $173.9310, -21.9150, -4.8190$, and $72.4150, -20.4020, -4.7060$ is the 20% darker color. If you saturate the color by 10%, you get $115.8700, -29.1130, -6.5290$, and if you desaturate by 10%, it is $126.5900, -13.5250, -2.6850$.

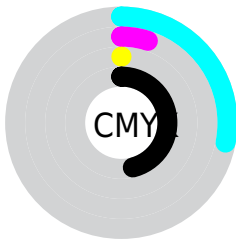
Distribution



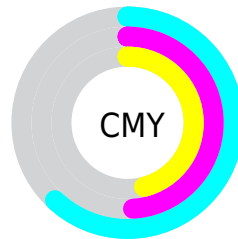
- Red (38%)
- Green (51%)
- Blue (54%)



- Red (38%)
- Yellow (45%)
- Blue (54%)



- Cyan (28%)
- Magenta (5%)
- Yellow (0%)
- Black (46%)



- Cyan (62%)
- Magenta (49%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.2300, -21.3190, -4.6070 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 121.2300, -21.3190, -4.6070 by changing the saturation by 10% instead.

■ 121.2300,
-21.3190, -4.6070

■ 121.2300,
-21.3190, -4.6070

■ 255.0000, -0.0000,
-0.0000

■ 96.2300, -21.3190,
-4.6070

■ 173.9310,
-21.9150, -4.8190

■ 72.4150, -20.4020,
-4.7060

■ 201.6320,
-22.5110, -5.0310

■ 49.1160, -20.9980,
-4.9180

■ 229.4470,
-23.4280, -4.9320

■ 26.5180, -22.1900,
-5.3420

■ 248.4220,
-13.1120, -4.6640

■ 11.3130, -11.1870,
-1.0030

■ 0.0000, 0.0000,
0.0000

■ 121.2300,
-21.3190, -4.6070

■ 121.2300,
-21.3190, -4.6070

■ 115.8700,
-29.1130, -6.5290

■ 126.5900,
-13.5250, -2.6850

■ 110.2220,
-36.0360, -7.7160

■ 132.2380, -6.6020,
-1.4980

■ 104.8620,
-43.8300, -9.6380

■ 137.5980, 1.1920,
0.4240

■ 98.9150, -51.3490,
-11.0370

■ 143.5450, 8.7110,
1.8230

■ 93.5550, -59.1430,
-12.9590

■ 148.6060, 15.9090,
3.5330

■ 87.9070, -66.0660,
-14.1460

■ 154.5530, 23.4280,
4.9320

■ 82.5470, -73.8600,
-16.0680


■ 159.9130, 31.2220,
6.8540

■ 81.9490, -75.0520,

■ 165.8600, 38.7410,

-16.4920

8.2530

 170.9210, 45.9390,
9.9630

Harmonies

Analogous

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



120.9760, -17.7880, -8.0280



121.2300, -21.3190, -4.6070



122.9470, -18.8440, 0.1000

Triad

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



121.2300, -21.3190, -4.6070



126.5870, 8.8930, 9.5410



124.1010, 9.7210, -5.4710

Complementary

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



121.2300, -21.3190, -4.6070



113.7700, 21.3190, 4.6070

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.



124.9710, 16.1390, -0.6370



121.2300, -21.3190, -4.6070



126.2410, 15.6790, 7.7030

Square

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



121.2300, -21.3190, -4.6070



125.9710, -1.0560, 8.1280



126.2750, 18.3390, 3.5470



122.7300, 0.4600, -8.3400

Rectangle

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



121.2300, -21.3190, -4.6070



123.9800, -14.4430, 2.9410



126.2750, 18.3390, 3.5470



124.7100, 12.3800, -4.1000

Sweetspot

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



121.2300, -21.3190, -4.6070



172.1560, -9.3070, -2.0350



121.5770, -12.6510, -18.5310



84.8360, -5.4100, -1.0740



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



121.2300, -21.3190, -4.6070



154.3040, -33.3310, -7.1790



110.0770, -16.0940, 5.3300



66.3200, -3.8970, -0.9610



79.1450, -72.6680, -15.6440



2.9180, -2.7050, -0.5370

Inverse Universe

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



113.3090, 12.9720, 18.2200



141.9390, 20.3060, 28.4820



124.9230, 16.0940, -5.3300



64.7770, 2.2460, 3.3500



52.1930, 44.2790, 62.0950



1.9510, 1.6960, 2.3040

Previews

White Background



This preview shows how the YIQ color 121.2300, -21.3190, -4.6070 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 121.2300, -21.3190, -4.6070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

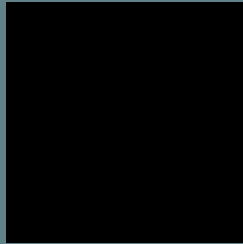
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 121.2300, -21.3190, -4.6070

Background



This preview shows how black text looks on a background with the YIQ color 121.2300, -21.3190, -4.6070.



This preview shows how white text looks on a background with the YIQ color 121.2300, -21.3190, -4.6070.

-4.6070.

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

121.2300, -21.3190, -4.6070

Protanopia

124.4390, -2.6140, 3.3220

Deuteranopia

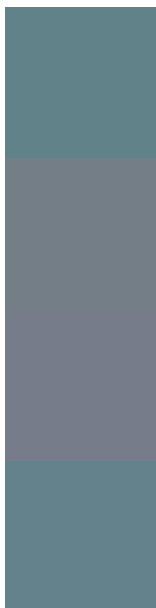
125.7430, -0.4140, 7.5060



Tritanopia

121.8710, -21.6860, -3.4620

Trichromacy



Original Color

121.2300, -21.3190, -4.6070

Protanomaly

123.6230, -9.1240, 0.1560

Deuteranomaly

123.8020, -8.0700, 3.0820

Tritanomaly

121.7570, -21.3650, -3.7730

Monochromacy



Original Color

121.2300, -21.3190, -4.6070

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

121.0530, -7.5190, -1.3990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.2300, -21.3190, -4.6070 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(98, 130, 137)` looks like.

```
.text, #text, p{  
    color:rgb(98, 130, 137)  
}
```

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(98, 130, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 130, 137) }
```

Border

The CSS property to change the border of an element to YIQ 121.2300, -21.3190, -4.6070 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(98, 130, 137) }
```


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

```
.border{ border-color:rgb(98, 130, 137) }
```

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

Here you see how a box with a 4 pixel rgb(98, 130, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 130, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 130, 137);  
box-shadow:4px 4px 4px 4px rgb(98, 130,  
137) }
```

Background

The CSS property to change the background color of an element to YIQ 121.2300, -21.3190, -4.6070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 130, 137) }
```

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

```
.background{ background-color: rgb(98, 130,  
137) }
```

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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