

Converting Colors

YIQ(179.4570, -20.2200, 3.0120)

Have a look what the booklet for
YIQ(179.4570, -20.2200, 3.0120)
contains.

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Color

**YIQ(179.4570, -20.2200,
3.0120)**

Conversions

Conversions Part 1

Format	Color
Hex	A2B7CF
RGB	162, 183, 207
RGB Percent	64%, 72%, 81%
CMY	0.3647, 0.2823, 0.1883
CMYK	0.22, 0.12, 0.00, 0.19
HSL	212°, 32%, 72%
HSV	212°, 22%, 81%
XYZ	43.0932, 46.0548, 65.6335
YIQ	179.4570, -20.2200, 3.0120

Conversions

Conversions Part 2

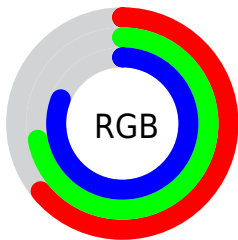
Format	Color
R _Y B	162, 176, 207
Decimal	10663887
CIE Lab	73.58, -2.01, -14.50
CIE LCh	74, 14.636, 262.101
Yxy	46.0548, 0.2784, 0.2975
Android (android.graphics.Color)	4288853967 (0xFFA2B7CF)
YUV	179.4570, 13.5787, -15.3098
Hunter-Lab	67.8637, -5.4147, -9.8370

Details

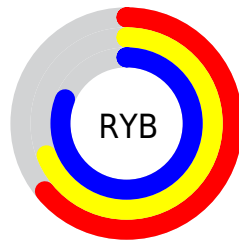
The YIQ color $179.4570, -20.2200, 3.0120$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $189.5430, 20.2200, -3.0120$, and the grayscale version is $179.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $234.2460, -18.2480, 0.3120$, and $126.6420, -19.3030, 2.9130$ is the 20% darker color. If you saturate the color by 10%, you get $166.7210, -29.7110, 4.3130$, and if you desaturate by 10%, it is $192.1930, -10.7290, 1.7110$.

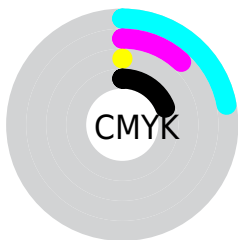
Distribution



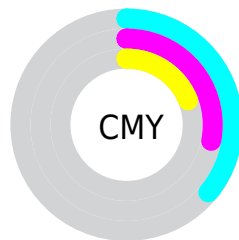
- Red (64%)
- Green (72%)
- Blue (81%)



- Red (64%)
- Yellow (69%)
- Blue (81%)



- Cyan (22%)
- Magenta (12%)
- Yellow (0%)
- Black (19%)



- Cyan (36%)
- Magenta (28%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 179.4570, -20.2200, 3.0120 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 179.4570, -20.2200, 3.0120 by changing the saturation by 10% instead.

■ 179.4570,
-20.2200, 3.0120

■ 179.4570,
-20.2200, 3.0120

■ 255.0000, -0.0000,
-0.0000

■ 152.3430,
-19.8990, 2.7010

■ 234.2460,
-18.2480, 0.3120

■ 126.6420,
-19.3030, 2.9130

■ 252.3090, -5.3640,
-1.9080

■ 101.5280,
-18.9820, 2.6020

■ 77.4140, -18.6610,
2.2910

■ 54.0010, -18.9360,
1.7680

■ 31.8760, -20.0820,
0.5100

■ 12.5670, -14.7180,

2.4180

■ 0.9120, -2.5680,
2.4880

■ 0.0000, 0.0000,
0.0000

■ 179.4570,
-20.2200, 3.0120

■ 179.4570,
-20.2200, 3.0120

■ 166.7210,
-29.7110, 4.3130

■ 192.1930,
-10.7290, 1.7110

■ 154.2840,
-38.6060, 5.8260

■ 204.6300, -1.8340,
0.1980

■ 141.5480,
-48.0970, 7.1270

■ 217.3660, 7.6570,
-1.1030

■ 128.8120,
-57.5880, 8.4280

■ 230.1020, 17.1480,
-2.4040

■ 116.3750,
-66.4830, 9.9410

■ 239.5490, 20.0830,
-6.0370

■ 103.6390,
-75.9740, 11.2420

■ 246.0060, 17.0580,
-11.7900

■ 90.9030, -85.4650,
12.5430

■ 249.5280, 15.4080,
-14.9280

■ 80.5370, -93.1220,
13.6460

Harmonies

Analogous

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



177.5330, -26.5460, -3.4900



179.4570, -20.2200, 3.0120



181.9640, -8.3460, 8.0860

Triad

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



179.4570, -20.2200, 3.0120



183.2480, 22.9690, 7.7450



177.8000, -5.7290, -11.8170

Complementary

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



179.4570, -20.2200, 3.0120



189.5430, 20.2200, -3.0120

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.



179.3240, 7.4750, -8.8210



179.4570, -20.2200, 3.0120



181.9720, 23.5660, 2.4300

Square

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



179.4570, -20.2200, 3.0120



183.6480, 16.0910, 11.2510



180.9340, 17.5610, -4.3830



176.2810, -17.3290, -10.8410

Rectangle

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



179.4570, -20.2200, 3.0120



183.0360, 0.3190, 10.7430



180.9340, 17.5610, -4.3830



177.7790, -1.2360, -10.6440

Sweetspot

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



179.4570, -20.2200, 3.0120



243.7480, -7.9780, 1.4140



191.0370, -19.7580, -16.3820



121.1890, -4.9060, 0.8060



0.0000, 0.0000, 0.0000



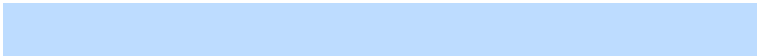
128.0000, -0.0000, -0.0000

Same Dimension

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



179.4570, -20.2200, 3.0120



214.7210, -29.7110, 4.3130



167.4290, -13.8490, 14.2070



98.1890, -4.9060, 0.8060



65.5250, -75.6530, 10.9310



15.8270, -18.3860, 2.8140

Inverse Universe

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



177.8490, 20.0790, 16.0710



212.2680, 29.3850, 23.6330



201.5710, 13.8490, -14.2070



97.8590, 4.9510, 3.8870



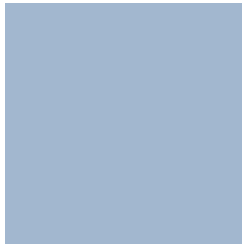
59.2380, 74.7690, 60.1850



14.4250, 18.3370, 14.6010

Previews

White Background



This preview shows how the YIQ color 179.4570, -20.2200, 3.0120 looks on a white background.

Color Contrast Check

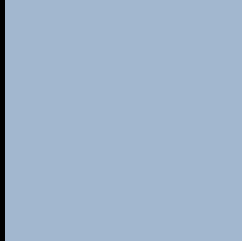
Large Text (above 18pt) WCAG AA × Fail

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 179.4570, -20.2200, 3.0120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

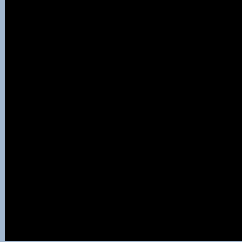
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 179.4570, -20.2200, 3.0120

Background



This preview shows how black text looks on a background with the YIQ color 179.4570, -20.2200, 3.0120.



This preview shows how white text looks on a background with the YIQ color 179.4570, -20.2200,

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

179.4570, -20.2200, 3.0120

Protanopia

181.2520, -9.2170, 7.3510

Deuteranopia

182.3390, -4.9080, 11.8600



Tritanopia

178.5340, -19.1190, -0.4230

Trichromacy



Original Color

179.4570, -20.2200, 3.0120

Protanomaly

180.4580, -12.7930, 6.0790

Deuteranomaly

181.7080, -10.5010, 8.5950

Tritanomaly

179.1750, -19.4860, 0.7220

Monochromacy



Original Color

179.4570, -20.2200, 3.0120

Achromatopsia

179.0000, -0.0000, -0.0000

Achromatomaly

178.9330, -7.0610, 1.3150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.4570, -20.2200, 3.0120 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(162, 183, 207)` looks like.

```
.text, #text, p{  
    color:rgb(162, 183, 207)  
}
```

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(162, 183, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 183, 207) }
```

Border

The CSS property to change the border of an element to YIQ 179.4570, -20.2200, 3.0120 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(162, 183, 207) }
```


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

```
.border{ border-color:rgb(162, 183, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 183, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 183, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 183, 207);  
box-shadow:4px 4px 4px 4px rgb(162, 183,  
207) }
```

Background

The CSS property to change the background color of an element to YIQ 179.4570, -20.2200, 3.0120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 183, 207) }
```

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

```
.background{ background-color: rgb(162,  
183, 207) }
```

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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