

Converting Colors

YIQ(179.7270, -20.6800,
11.3520)

Have a look what the booklet for
YIQ(179.7270, -20.6800, 11.3520)
contains.

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Color

**YIQ(179.7270, -20.6800,
11.3520)**

Conversions

Conversions Part 1

Format	Color
Hex	A7B2DE
RGB	167, 178, 222
RGB Percent	65%, 70%, 87%
CMY	0.3451, 0.3019, 0.1295
CMYK	0.25, 0.20, 0.00, 0.13
HSL	228°, 45%, 76%
HSV	228°, 25%, 87%
XYZ	45.0386, 45.3305, 75.4623
YIQ	179.7270, -20.6800, 11.3520

Conversions

Conversions Part 2

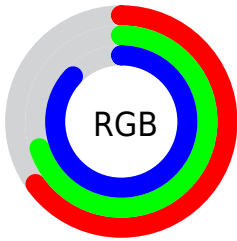
Format	Color
RYB	167, 176, 222
Decimal	10990302
CIELab	73.11, 5.72, -23.36
CIELCh	73, 24.046, 283.758
Yxy	45.3305, 0.2716, 0.2734
Android (android.graphics.Color)	4289180382 (0xFFA7B2DE)
YUV	179.7270, 20.8406, -11.1616
Hunter-Lab	67.3280, 1.5825, -19.3237

Details

The YIQ color $179.7270, -20.6800, 11.3520$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $209.2730, 20.6800, -11.3520$, and the grayscale version is $180.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $233.1050, -13.2970, 4.1990$, and $126.4990, -20.0380, 10.7300$ is the 20% darker color. If you saturate the color by 10%, you get $162.5830, -28.8420, 16.1020$, and if you desaturate by 10%, it is $196.8710, -12.5180, 6.6020$.

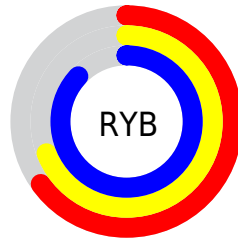
Distribution



Red (65%)

Green (70%)

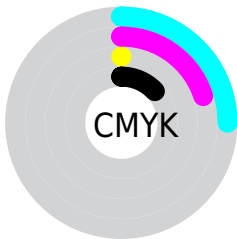
Blue (87%)



Red (65%)

Yellow (69%)

Blue (87%)

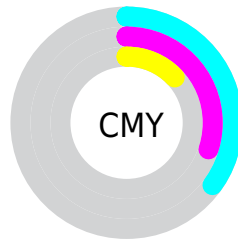


Cyan (25%)

Magenta (20%)

Yellow (0%)

Black (13%)



Cyan (35%)

Magenta (30%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 179.7270, -20.6800, 11.3520 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 179.7270, -20.6800, 11.3520 by changing the saturation by 10% instead.

■ 179.7270,
-20.6800, 11.3520

■ 179.7270,
-20.6800, 11.3520

■ 255.0000, -0.0000,
-0.0000

■ 152.6130,
-20.3590, 11.0410

■ 233.1050,
-13.2970, 4.1990

■ 126.4990,
-20.0380, 10.7300

■ 254.1030, -1.7880,
-0.6360

■ 101.8580,
-19.6710, 9.5850

■ 77.4450, -19.9460,
9.0620

■ 53.9180, -19.9000,
8.2280

■ 31.0810, -21.9170,
6.2350

■ 10.8860, -16.8740,

8.4540

■ 3.2090, -7.6580,
6.6300

■ 0.0000, 0.0000,
0.0000

■ 179.7270,
-20.6800, 11.3520

■ 179.7270,
-20.6800, 11.3520

■ 162.5830,
-28.8420, 16.1020

■ 196.8710,
-12.5180, 6.6020

■ 146.0260,
-37.2790, 20.3290

■ 214.0150, -4.3560,
1.8520

■ 128.5830,
-46.0370, 24.8670

■ 230.8710, 4.6770,
-2.1630

■ 111.4390,
-54.1990, 29.6170

■ 247.7160, 12.2430,
-7.1250

■ 94.2950, -62.3610,
34.3670

■ 251.2380, 10.5930,
-10.2630

■ 77.1510, -70.5230,
39.1170

■ 60.5940, -78.9600,
43.3440

■ 51.1360, -83.3620,
46.0300

Harmonies

Analogous

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



175.0510, -39.5680, 1.2320



179.7270, -20.6800, 11.3520



182.4480, 2.3350, 18.2630

Triad

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



179.7270, -20.6800, 11.3520



181.2080, 37.6410, 6.1610



171.7050, -24.7550, -19.4350

Complementary

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



179.7270, -20.6800, 11.3520



209.2730, 20.6800, -11.3520

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.



174.6660, -2.6560, -17.9520



179.7270, -20.6800, 11.3520



179.7630, 31.2240, -4.2000

Square

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



179.7270, -20.6800, 11.3520



182.9230, 34.4300, 14.7980



177.1800, 16.5080, -12.8360



169.8310, -42.5450, -16.4090

Rectangle

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



179.7270, -20.6800, 11.3520



182.9180, 15.6310, 19.5910



177.1800, 16.5080, -12.8360



172.7120, -17.4650, -19.3930

Sweetspot

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



179.7270, -20.6800, 11.3520



241.4000, -6.8780, 3.5060



204.1870, -28.9280, -15.3920



119.4280, -4.0810, 2.3750



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.



179.7270, -20.6800, 11.3520



196.4690, -28.5210, 15.7910



178.0540, -8.1190, 20.4970



103.4280, -4.0810, 2.3750



40.6090, -66.1210, 36.4310



11.3420, -18.1580, 9.6980

Inverse Universe

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



184.6990, 29.2490, 15.0810



203.4340, 40.4810, 20.7770



210.9460, 8.1190, -20.4970



104.5170, 5.9140, 2.9540



56.6140, 93.6610, 48.1970



15.4920, 25.3980, 13.2860

Previews

White Background



This preview shows how the YIQ color 179.7270, -20.6800, 11.3520 looks on a white background.

Color Contrast Check

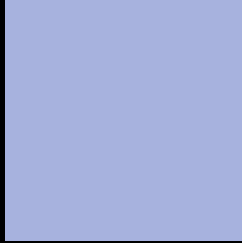
Large Text (above 18pt) WCAG AA × Fail

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 179.7270, -20.6800, 11.3520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

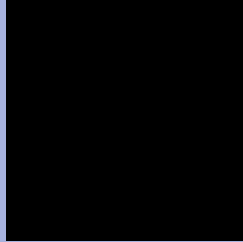
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 179.7270, -20.6800, 11.3520

Background



This preview shows how black text looks on a background with the YIQ color 179.7270, -20.6800, 11.3520.



This preview shows how white text looks on a background with the YIQ color 179.7270, -20.6800,

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

179.7270, -20.6800, 11.3520

Protanopia

179.7380, -19.2130, 12.2990

Deuteranopia

180.9450, -15.3620, 14.0940



Tritanopia

177.7300, -16.7350, 0.4250

Trichromacy



Original Color

179.7270, -20.6800, 11.3520

Protanomaly

179.4390, -19.8090, 12.0870

Deuteranomaly

180.6350, -17.4250, 12.9350

Tritanomaly

178.7670, -18.1570, 4.1710

Monochromacy



Original Color

179.7270, -20.6800, 11.3520

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

179.6280, -7.5200, 4.1280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.7270, -20.6800, 11.3520 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(167, 178, 222)` looks like.

```
.text, #text, p{  
    color:rgb(167, 178, 222)  
}
```

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(167, 178, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 178, 222) }
```

Border

The CSS property to change the border of an element to YIQ 179.7270, -20.6800, 11.3520 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(167, 178, 222) }
```


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

```
.border{ border-color:rgb(167, 178, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 178, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 178, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 178, 222);  
box-shadow:4px 4px 4px 4px rgb(167, 178,  
222) }
```

Background

The CSS property to change the background color of an element to YIQ 179.7270, -20.6800, 11.3520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 178, 222) }
```

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

```
.background{ background-color: rgb(167,  
178, 222) }
```

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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