

Converting Colors

YIQ(172.0680, -19.9020,
19.2820)

Have a look what the booklet for
YIQ(172.0680, -19.9020, 19.2820)
contains.

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Color

**YIQ(172.0680, -19.9020,
19.2820)**

Conversions

Conversions Part 1

Format	Color
Hex	A5A5E3
RGB	165, 165, 227
RGB Percent	65%, 65%, 89%
CMY	0.3529, 0.3529, 0.1099
CMYK	0.27, 0.27, 0.00, 0.11
HSL	240°, 53%, 77%
HSV	240°, 27%, 89%
XYZ	42.8349, 40.4550, 78.2006
YIQ	172.0680, -19.9020, 19.2820

Conversions

Conversions Part 2

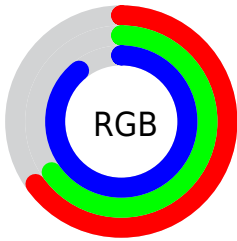
Format	Color
R _Y B	165, 165, 227
Decimal	10855907
CIE Lab	69.79, 13.55, -31.19
CIE LCh	70, 34.006, 293.483
Yxy	40.4550, 0.2652, 0.2505
Android (android.graphics.Color)	4289045987 (0xFFA5A5E3)
YUV	172.0680, 27.0815, -6.1986
Hunter-Lab	63.6042, 8.9053, -28.3733

Details

The YIQ color $172.0680, -19.9020, 19.2820$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $219.9320, 19.9020, -19.2820$, and the grayscale version is $172.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $224.2890, -10.6390, 11.0970$, and $119.3130, -19.2140, 17.8260$ is the 20% darker color. If you saturate the color by 10%, you get $151.6900, -27.2850, 26.4350$, and if you desaturate by 10%, it is $192.4460, -12.5190, 12.1290$.

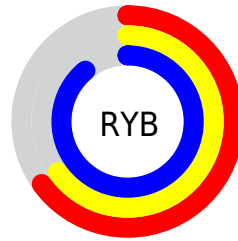
Distribution



Red (65%)

Green (65%)

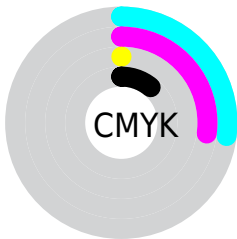
Blue (89%)



Red (65%)

Yellow (65%)

Blue (89%)

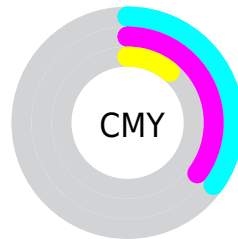


Cyan (27%)

Magenta (27%)

Yellow (0%)

Black (11%)



Cyan (35%)

Magenta (35%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.0680, -19.9020, 19.2820 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 172.0680, -19.9020, 19.2820 by changing the saturation by 10% instead.

■ 172.0680,
-19.9020, 19.2820

■ 172.0680,
-19.9020, 19.2820

■ 255.0000, -0.0000,
-0.0000

■ 145.5410,
-19.8560, 18.4480

■ 224.2890,
-10.6390, 11.0970

■ 119.3130,
-19.2140, 17.8260

■ 249.3960, -1.0550,
2.6010

■ 94.4870, -19.7640,
16.7800

■ 70.5470, -19.9930,
15.4230

■ 47.0090, -21.4140,
13.6420

■ 22.9760, -25.8150,
10.8010

■ 5.3580, -15.0870,

14.6170

■ 3.5510, -8.6210,
7.5630

■ 0.0000, 0.0000,
0.0000

■ 172.0680,
-19.9020, 19.2820

■ 172.0680,
-19.9020, 19.2820

■ 151.6900,
-27.2850, 26.4350

■ 192.4460,
-12.5190, 12.1290

■ 132.1980,
-34.3470, 33.2770

■ 211.9380, -5.4570,
5.2870

■ 111.8200,
-41.7300, 40.4300

■ 232.3160, 1.9260,
-1.8660

■ 91.4420, -49.1130,
47.5830

■ 251.8080, 8.9880,
-8.7080

■ 71.9500, -56.1750,
54.4250

■ 51.5720, -63.5580,
61.5780

■ 31.1940, -70.9410,
68.7310

■ 25.8780, -72.8670,
70.5970

Harmonies

Analogous

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



164.6290, -52.8190, 4.5970



172.0680, -19.9020, 19.2820



174.8070, 11.8700, 27.1820

Triad

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



172.0680, -19.9020, 19.2820



171.5590, 49.6540, 3.2060



156.0440, -47.9990, -27.7030

Complementary

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



172.0680, -19.9020, 19.2820



219.9320, 19.9020, -19.2820

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.



161.7520, -14.9420, -26.5740



172.0680, -19.9020, 19.2820



169.0700, 37.3690, -10.9430

Square

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



172.0680, -19.9020, 19.2820



172.7030, 49.7890, 17.2850



166.1270, 14.8590, -21.5010



150.7220, -76.1510, -24.1110

Rectangle

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



172.0680, -19.9020, 19.2820



174.7890, 29.4760, 27.4920



166.1270, 14.8590, -21.5010



158.2040, -36.7660, -27.5340

Sweetspot

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



172.0680, -19.9020, 19.2820



237.2800, -6.4200, 6.2200



208.4620, -36.9520, -13.1440



116.4820, -4.1730, 4.0430



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.



172.0680, -19.9020, 19.2820



180.5760, -26.9640, 26.1240



181.3370, -1.4260, 25.8540



104.3680, -3.8520, 3.7320



20.4060, -57.4590, 55.6690



5.8140, -16.3710, 15.8610

Inverse Universe

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



190.6060, 17.0500, 32.4260



205.6920, 23.1000, 43.9320



210.6630, 1.4260, -25.8540



107.9560, 3.3000, 6.2760



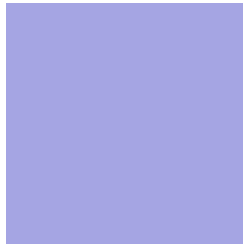
73.8130, 49.5460, 93.3060



21.0630, 14.0250, 26.6730

Previews

White Background



This preview shows how the YIQ color 172.0680, -19.9020, 19.2820 looks on a white background.

Color Contrast Check

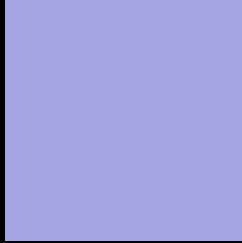
Large Text (above 18pt) WCAG AA × Fail

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 172.0680, -19.9020, 19.2820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

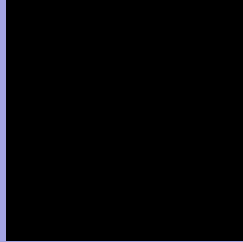
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 172.0680, -19.9020, 19.2820

Background



This preview shows how black text looks on a background with the YIQ color 172.0680, -19.9020, 19.2820.



This preview shows how white text looks on a background with the YIQ color 172.0680, -19.9020,

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

172.0680, -19.9020, 19.2820

Protanopia

170.4690, -28.5210, 15.7910

Deuteranopia

171.0240, -25.7700, 15.4940



Tritanopia

169.6980, -13.7090, 0.6510

Trichromacy



Original Color

172.0680, -19.9020, 19.2820

Protanomaly

170.9640, -25.5410, 16.8510

Deuteranomaly

171.3340, -23.7070, 16.6530

Tritanomaly

170.5440, -15.9110, 7.5210

Monochromacy



Original Color

172.0680, -19.9020, 19.2820

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

171.6220, -7.3830, 7.1530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.0680, -19.9020, 19.2820 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(165, 165, 227)` looks like.

```
.text, #text, p{  
    color:rgb(165, 165, 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(165, 165, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 165, 227) }
```

Border

The CSS property to change the border of an element to YIQ 172.0680, -19.9020, 19.2820 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(165, 165, 227) }
```


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

```
.border{ border-color:rgb(165, 165, 227) }
```

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

Here you see how a box with a 4 pixel rgb(165, 165, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 165, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 165, 227);  
box-shadow:4px 4px 4px 4px rgb(165, 165,  
227) }
```

Background

The CSS property to change the background color of an element to YIQ 172.0680, -19.9020, 19.2820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 165, 227) }
```

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

```
.background{ background-color: rgb(165,  
165, 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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