

Converting Colors

YIQ(180.7310, -17.3350,
22.3210)

Have a look what the booklet for
YIQ(180.7310, -17.3350, 22.3210)
contains.

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Color

**YIQ(180.7310, -17.3350,
22.3210)**

Conversions

Conversions Part 1

Format	Color
Hex	B2ABEE
RGB	178, 171, 238
RGB Percent	70%, 67%, 93%
CMY	0.3019, 0.3294, 0.0668
CMYK	0.25, 0.28, 0.00, 0.07
HSL	246°, 66%, 80%
HSV	246°, 28%, 93%
XYZ	48.3540, 44.7628, 86.9568
YIQ	180.7310, -17.3350, 22.3210

Conversions

Conversions Part 2

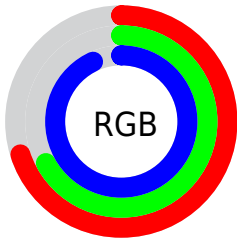
Format	Color
R _Y B	178, 171, 238
Decimal	11709422
CIE Lab	72.74, 16.67, -32.57
CIE LCh	73, 36.583, 297.106
Yxy	44.7628, 0.2685, 0.2486
Android (android.graphics.Color)	4289899502 (0xFFB2ABEE)
YUV	180.7310, 28.2336, -2.3951
Hunter-Lab	66.9050, 11.9230, -30.2261

Details

The YIQ color $180.7310, -17.3350, 22.3210$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $228.2690, 17.3350, -22.3210$, and the grayscale version is $180.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $231.9970, -3.9450, 10.9270$, and $127.6770, -17.2430, 20.6530$ is the 20% darker color. If you saturate the color by 10%, you get $160.3640, -23.2510, 30.4210$, and if you desaturate by 10%, it is $201.0980, -11.4190, 14.2210$.

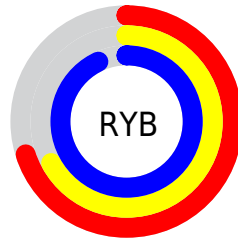
Distribution



Red (70%)

Green (67%)

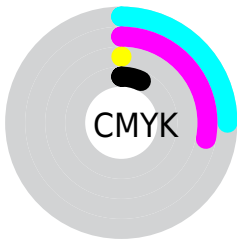
Blue (93%)



Red (70%)

Yellow (67%)

Blue (93%)

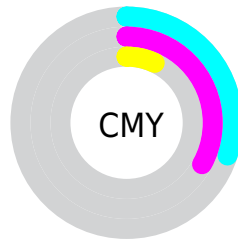


Cyan (25%)

Magenta (28%)

Yellow (0%)

Black (7%)



Cyan (30%)

Magenta (33%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 180.7310, -17.3350, 22.3210 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 180.7310, -17.3350, 22.3210 by changing the saturation by 10% instead.

■ 180.7310,
-17.3350, 22.3210

■ 180.7310,
-17.3350, 22.3210

255.0000, -0.0000,
-0.0000

■ 153.6170,
-17.0140, 22.0100

■ 231.9970, -3.9450,
10.9270

■ 127.6770,
-17.2430, 20.6530

■ 102.1500,
-17.1970, 19.8190

■ 77.9110, -18.0220,
18.2500

■ 53.9710, -18.2510,
16.8930

■ 31.1340, -20.2680,
14.9000

■ 7.5580, -18.5260,

16.3700

■ 4.9360, -11.1430,
9.2170

■ 0.7980, -2.2470,
2.1770

■ 180.7310,
-17.3350, 22.3210

■ 180.7310,
-17.3350, 22.3210

■ 160.3640,
-23.2510, 30.4210

■ 201.0980,
-11.4190, 14.2210

■ 139.6980,
-29.7630, 38.3090

■ 221.7640, -4.9070,
6.3330

■ 119.9180,
-35.9540, 45.8860

■ 241.5440, 1.2840,
-1.2440

■ 99.5510, -41.8700,
53.9860

■ 253.0620, 5.4570,
-5.2870

■ 78.8850, -48.3820,
61.8740

■ 58.5180, -54.2980,
69.9740

■ 38.1510, -60.2140,
78.0740

■ 34.6070, -61.4980,
79.3180

Harmonies

Analogous

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



173.0250, -53.8740, 7.1980



180.7310, -17.3350, 22.3210



183.0250, 17.1880, 29.9240

Triad

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



180.7310, -17.3350, 22.3210



179.0600, 52.4970, 1.2410



161.2000, -57.3060, -29.7380

Complementary

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



180.7310, -17.3350, 22.3210



228.2690, 17.3350, -22.3210

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.



168.2350, -20.8560, -29.5280



180.7310, -17.3350, 22.3210



176.3750, 37.8280, -13.7560

Square

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



180.7310, -17.3350, 22.3210



181.0410, 54.6490, 17.3130



173.4640, 12.2920, -24.5400



154.6110, -89.0800, -26.5840

Rectangle

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



180.7310, -17.3350, 22.3210



182.7790, 35.4360, 29.6120



173.4640, 12.2920, -24.5400



164.0180, -45.1100, -30.5020

Sweetspot

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



180.7310, -17.3350, 22.3210



237.8780, -5.2280, 6.6440



213.8580, -38.0070, -10.5430



116.7810, -3.5770, 4.2550



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.



180.7310, -17.3350, 22.3210



180.6090, -22.5630, 28.9650



190.5980, 2.3330, 29.3170



109.6670, -3.2560, 3.9440



26.6570, -47.7400, 61.2520



8.1780, -14.4000, 18.6880

Inverse Universe

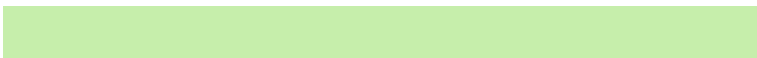
The Inverse Universe completely reimagines the original color for something new.



197.8730, 20.6720, 32.8640



202.9050, 26.8140, 42.7020



218.4020, -2.3330, -29.3170



112.8420, 3.6210, 5.9650



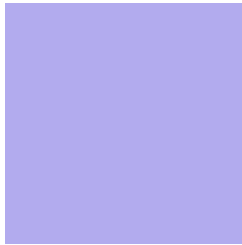
73.7120, 57.0200, 90.0120



22.4440, 17.3260, 27.4220

Previews

White Background



This preview shows how the YIQ color 180.7310, -17.3350, 22.3210 looks on a white background.

Color Contrast Check

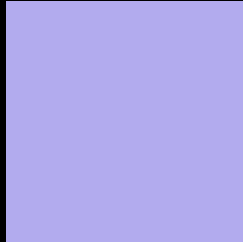
Large Text (above 18pt) WCAG AA × Fail

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 180.7310, -17.3350, 22.3210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

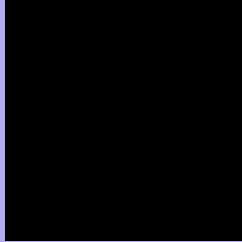
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 180.7310, -17.3350, 22.3210

Background



This preview shows how black text looks on a background with the YIQ color 180.7310, -17.3350, 22.3210.



This preview shows how white text looks on a background with the YIQ color 180.7310, -17.3350,

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

180.7310, -17.3350, 22.3210

Protanopia

178.4410, -31.3180, 16.9220

Deuteranopia

179.0670, -27.3290, 16.2150



Tritanopia

177.7200, -10.7750, 2.5450

Trichromacy



Original Color

180.7310, -17.3350, 22.3210

Protanomaly

179.2460, -26.2750, 19.1410

Deuteranomaly

179.3880, -23.7990, 18.3210

Tritanomaly

178.6800, -13.2980, 9.7260

Monochromacy



Original Color

180.7310, -17.3350, 22.3210

Achromatopsia

181.0000, -0.0000, 0.0000

Achromatomaly

180.7470, -6.2370, 8.4110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.7310, -17.3350, 22.3210 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(178, 171, 238)` looks like.

```
.text, #text, p{  
    color:rgb(178, 171, 238)  
}
```

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(178, 171, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 171, 238) }
```

Border

The CSS property to change the border of an element to YIQ 180.7310, -17.3350, 22.3210 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(178, 171, 238) }
```


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

```
.border{ border-color:rgb(178, 171, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 171, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 171, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 171, 238);  
box-shadow:4px 4px 4px 4px rgb(178, 171,  
238) }
```

Background

The CSS property to change the background color of an element to YIQ 180.7310, -17.3350, 22.3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 171, 238) }
```

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

```
.background{ background-color: rgb(178,  
171, 238) }
```

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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