

Converting Colors

YIQ(138.3500, -20.6360,
21.5720)

Have a look what the booklet for
YIQ(138.3500, -20.6360, 21.5720)
contains.

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Color

**YIQ(138.3500, -20.6360,
21.5720)**

Conversions

Conversions Part 1

Format	Color
Hex	8482C6
RGB	132, 130, 198
RGB Percent	52%, 51%, 78%
CMY	0.4823, 0.4902, 0.2237
CMYK	0.33, 0.34, 0.00, 0.22
HSL	242°, 37%, 64%
HSV	242°, 34%, 78%
XYZ	27.6892, 24.9472, 56.7612
YIQ	138.3500, -20.6360, 21.5720

Conversions

Conversions Part 2

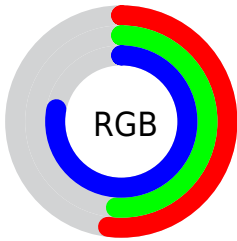
Format	Color
RYB	132, 130, 198
Decimal	8684230
CIELab	57.02, 16.70, -35.06
CIElCh	57, 38.834, 295.468
Yxy	24.9472, 0.2531, 0.2280
Android (android.graphics.Color)	4286874310 (0xFF8482C6)
YUV	138.3500, 29.4075, -5.5689
Hunter-Lab	49.9472, 11.5474, -32.4156

Details

The YIQ color $138.3500, -20.6360, 21.5720$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $189.6500, 20.6360, -21.5720$, and the grayscale version is $138.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $192.4040, -20.7280, 23.2400$, and $87.8830, -20.8190, 19.3810$ is the 20% darker color. If you saturate the color by 10%, you get $120.9290, -26.4600, 28.0040$, and if you desaturate by 10%, it is $155.7710, -14.8120, 15.1400$.

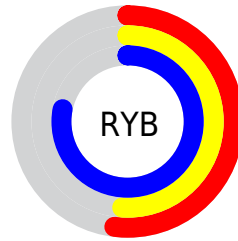
Distribution



Red (52%)

Green (51%)

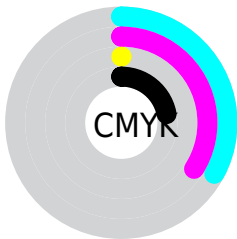
Blue (78%)



Red (52%)

Yellow (51%)

Blue (78%)

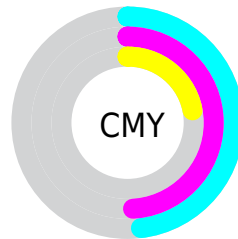


Cyan (33%)

Magenta (34%)

Yellow (0%)

Black (22%)



Cyan (48%)

Magenta (49%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.3500, -20.6360, 21.5720 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 138.3500, -20.6360, 21.5720 by changing the saturation by 10% instead.

■ 138.3500,
-20.6360, 21.5720

■ 138.3500,
-20.6360, 21.5720

■ 255.0000, -0.0000,
-0.0000

■ 112.7090,
-20.2690, 20.4270

■ 192.4040,
-20.7280, 23.2400

■ 87.8830, -20.8190,
19.3810

■ 216.6250,
-11.4650, 15.0550

■ 63.6440, -21.6440,
17.8120

■ 242.3190, -2.1560,
6.0360

■ 39.8070, -23.6610,
15.8190

■ 17.8450, -26.8240,
12.5680

■ 5.8310, -15.0410,
13.7830

■ 3.3230, -7.9790,

6.9410

■ 0.0000, 0.0000,
0.0000

■ 138.3500,
-20.6360, 21.5720

■ 138.3500,
-20.6360, 21.5720

■ 120.9290,
-26.4600, 28.0040

■ 155.7710,
-14.8120, 15.1400

■ 103.5080,
-32.2840, 34.4360

■ 173.1920, -8.9880,
8.7080

■ 86.3750, -38.9790,
40.1330

■ 190.3250, -2.2930,
3.0110

■ 68.9540, -44.8030,
46.5650

■ 207.7460, 3.5310,
-3.4210

■ 51.5330, -50.6270,
52.9970

■ 225.1670, 9.3550,
-9.8530

■ 34.1120, -56.4510,
59.4290

■ 242.5880, 15.1790,
-16.2850

■ 24.3660, -59.9820,
62.8500

■ 248.5020, 18.2970,
-17.7270

Harmonies

Analogous

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



127.2410, -63.4100, 3.8060



138.3500, -20.6360, 21.5720



140.7690, 15.0330, 30.4330

Triad

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



138.3500, -20.6360, 21.5720



136.5870, 52.4510, 2.0750



112.3940, -69.7760, -35.0240

Complementary

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



138.3500, -20.6360, 21.5720



189.6500, 20.6360, -21.5720

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.



126.0070, -20.2140, -30.1500



138.3500, -20.6360, 21.5720



134.2610, 38.1490, -14.0670

Square

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



138.3500, -20.6360, 21.5720



137.7960, 53.9610, 18.7690



131.5350, 13.5300, -24.9500



109.2080, -95.3150, -29.2270

Rectangle

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



138.3500, -20.6360, 21.5720



140.2350, 34.1520, 30.8560



131.5350, 13.5300, -24.9500



118.9250, -49.2820, -31.9860

Sweetspot

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



138.3500, -20.6360, 21.5720



232.8500, -8.0250, 7.7750



177.0810, -40.2530, -13.8930



114.1230, -4.5400, 5.1880



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.



138.3500, -20.6360, 21.5720



163.1660, -31.3210, 33.5030



148.2170, -0.9680, 28.5680



91.0260, -2.8890, 2.7990



20.0770, -49.3430, 51.7530



4.4030, -10.9600, 11.4080

Inverse Universe

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



157.8560, 19.3420, 34.9420



193.0230, 29.8380, 53.9820



179.7830, 0.9680, -28.5680



93.7170, 2.4750, 4.7070



66.7490, 46.4300, 83.6940



14.7540, 10.2210, 18.5170

Previews

White Background



This preview shows how the YIQ color 138.3500, -20.6360, 21.5720 looks on a white background.

Color Contrast Check

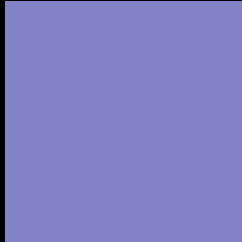
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.3500, -20.6360, 21.5720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

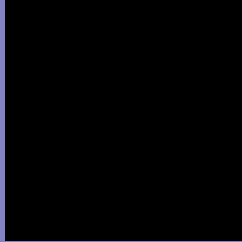
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 138.3500, -20.6360, 21.5720

Background



This preview shows how black text looks on a background with the YIQ color 138.3500, -20.6360, 21.5720.



This preview shows how white text looks on a background with the YIQ color 138.3500, -20.6360,

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

138.3500, -20.6360, 21.5720

Protanopia

136.3590, -34.0230, 16.3850

Deuteranopia

136.0770, -33.2890, 14.0950



Tritanopia

135.8720, -14.2590, -0.3950

Trichromacy



Original Color

138.3500, -20.6360, 21.5720

Protanomaly

137.1640, -28.9800, 18.6040

Deuteranomaly

136.9960, -28.5670, 16.6250

Tritanomaly

136.6580, -16.2320, 7.8320

Monochromacy



Original Color

138.3500, -20.6360, 21.5720

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

138.1490, -7.4290, 7.9870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.3500, -20.6360, 21.5720 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(132, 130, 198)` looks like.

```
.text, #text, p{  
    color:rgb(132, 130, 198)  
}
```

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(132, 130, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 130, 198) }
```

Border

The CSS property to change the border of an element to YIQ 138.3500, -20.6360, 21.5720 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(132, 130, 198) }
```


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

```
.border{ border-color:rgb(132, 130, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 130, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 130, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 130, 198);  
box-shadow:4px 4px 4px 4px rgb(132, 130,  
198) }
```

Background

The CSS property to change the background color of an element to YIQ 138.3500, -20.6360, 21.5720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 130, 198) }
```

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

```
.background{ background-color: rgb(132,  
130, 198) }
```

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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