

Converting Colors

YIQ(132.5500, 29.7920, 54.8160)

Have a look what the booklet for
YIQ(132.5500, 29.7920, 54.8160)
contains.

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Color

**YIQ(132.5500, 29.7920,
54.8160)**

Conversions

Conversions Part 1

Format	Color
Hex	C359C1
RGB	195, 89, 193
RGB Percent	76%, 35%, 76%
CMY	0.2350, 0.6511, 0.2431
CMYK	0.00, 0.54, 0.01, 0.23
HSL	301°, 47%, 56%
HSV	301°, 54%, 77%
XYZ	35.7220, 22.6009, 52.9374
YIQ	132.5500, 29.7920, 54.8160

Conversions

Conversions Part 2

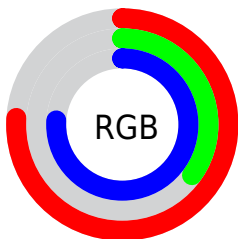
Format	Color
RYB	195, 89, 193
Decimal	12802497
CIELab	54.66, 56.27, -35.44
CIElCh	55, 66.496, 327.795
Yxy	22.6009, 0.3211, 0.2031
Android (android.graphics.Color)	4290992577 (0xFFC359C1)
YUV	132.5500, 29.8018, 54.7686
Hunter-Lab	47.5405, 50.9294, -32.7424

Details

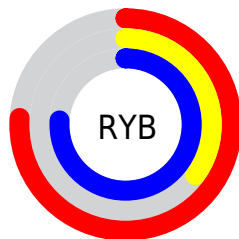
The YIQ color **132.5500, 29.7920, 54.8160** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **151.4500, -29.7920, -54.8160**, and the grayscale version is **132.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **188.9740, 31.5340, 56.2860**, and **76.1910, 29.4250, 55.9610** is the 20% darker color. If you saturate the color by 10%, you get **120.8100, 35.2920, 65.2760**, and if you desaturate by 10%, it is **143.7030, 24.5670, 44.8790**.

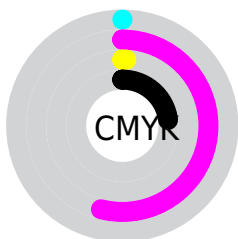
Distribution



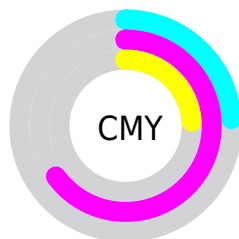
- Red (76%)
- Green (35%)
- Blue (76%)



- Red (76%)
- Yellow (35%)
- Blue (76%)



- Cyan (0%)
- Magenta (54%)
- Yellow (1%)
- Black (23%)



- Cyan (24%)
- Magenta (65%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 132.5500, 29.7920, 54.8160 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 132.5500, 29.7920, 54.8160 by changing the saturation by 10% instead.

132.5500, 29.7920,
54.8160

132.5500, 29.7920,
54.8160

255.0000, -0.0000,
-0.0000

105.2510, 29.1960,
54.6040

188.9740, 31.5340,
56.2860

76.1910, 29.4250,
55.9610

205.6920, 23.1000,
43.9320

46.0710, 29.8830,
58.6750

222.7150, 15.1250,
28.7650

35.1480, 21.8160,
45.1760

239.7380, 7.1500,
13.5980

24.9370, 14.6200,
32.4120

14.9540, 6.7820,
20.2700

2.7530, -6.3740,

5.3860

■ 0.0000, 0.0000,
0.0000

■ 132.5500, 29.7920,
54.8160

■ 132.5500, 29.7920,
54.8160

■ 120.8100, 35.2920,
65.2760

■ 143.7030, 24.5670,
44.8790

■ 109.5430, 40.8380,
74.9020

■ 155.5570, 18.7460,
34.7300

■ 97.8030, 46.3380,
85.3620

■ 166.7100, 13.5210,
24.7930

■ 86.5360, 51.8840,
94.9880

■ 178.5640, 7.7000,
14.6440

■ 80.0790, 54.9090,
100.7410

■ 190.3040, 2.2000,
4.1840

■ 201.4570, -3.0250,
-5.7530

■ 213.3110, -8.8460,
-15.9020

■ 224.4640,
-14.0710, -25.8390

■ 230.3340,
-16.8210, -31.0690

Harmonies

Analogous

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



130.8220, -36.0440, 36.5000



132.5500, 29.7920, 54.8160



124.1190, 73.4860, 55.9020

Triad

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



132.5500, 29.7920, 54.8160



122.6880, 61.0310, -32.2890



112.4340, -101.6430, -24.6750

Complementary

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



132.5500, 29.7920, 54.8160



151.4500, -29.7920, -54.8160

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.



105.8220, -83.0250, -42.7130



132.5500, 29.7920, 54.8160



115.3360, 23.2550, -52.5290

Square

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



132.5500, 29.7920, 54.8160



124.5350, 84.5920, -2.2240



96.6340, -62.6650, -59.2810



115.2160, -114.9880, -8.5880

Rectangle

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



132.5500, 29.7920, 54.8160



122.3310, 86.9680, 42.8400



96.6340, -62.6650, -59.2810



110.8550, -95.8190, -31.1070

Sweetspot

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



132.5500, 29.7920, 54.8160



228.5200, 11.0000, 20.9200



101.6820, -32.8340, 33.3900



113.2110, 7.1960, 12.7640



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.



132.5500, 29.7920, 54.8160



155.3900, 46.0630, 84.8390



126.5080, 46.8050, 38.3330



91.1300, 2.7500, 5.2300



66.1510, 45.2380, 83.2700



13.6290, 9.0750, 17.2590

Inverse Universe

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



132.5500, 29.7920, 54.8160



155.3900, 46.0630, 84.8390



157.4920, -46.8050, -38.3330



91.1300, 2.7500, 5.2300



66.1510, 45.2380, 83.2700



13.6290, 9.0750, 17.2590

Previews

White Background



This preview shows how the YIQ color 132.5500, 29.7920, 54.8160 looks on a white background.

Color Contrast Check

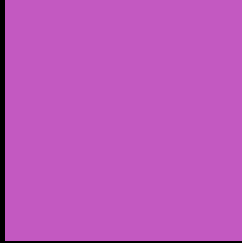
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.5500, 29.7920, 54.8160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

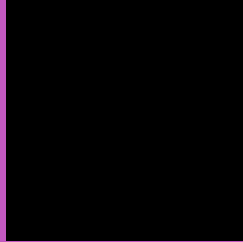
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 132.5500, 29.7920, 54.8160

Background



This preview shows how black text looks on a background with the YIQ color 132.5500, 29.7920, 54.8160.



This preview shows how white text looks on a background with the YIQ color 132.5500, 29.7920,

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

132.5500, 29.7920, 54.8160

Protanopia

127.0270, -56.2150, 22.0970

Deuteranopia

130.7030, -29.3000, 13.3880



Tritanopia

132.9350, 43.3240, 18.8120

Trichromacy



Original Color

132.5500, 29.7920, 54.8160



Protanomaly

129.1020, -25.2690, 33.9550



Deuteranomaly

131.5090, -7.6620, 28.7380



Tritanomaly

132.9150, 38.0490, 31.8170

Monochromacy



Original Color

132.5500, 29.7920, 54.8160



Achromatopsia

133.0000, 0.0000, 0.0000



Achromatomaly

132.9930, 11.0460, 20.0860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.5500, 29.7920, 54.8160 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(195, 89, 193)` looks like.

```
.text, #text, p{  
    color:rgb(195, 89, 193)  
}
```

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(195, 89, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 89, 193) }
```

Border

The CSS property to change the border of an element to YIQ 132.5500, 29.7920, 54.8160 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(195, 89, 193) }
```


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

```
.border{ border-color:rgb(195, 89, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 89, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 89, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 89, 193);  
box-shadow:4px 4px 4px 4px rgb(195, 89,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 132.5500, 29.7920, 54.8160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 89, 193) }
```

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

```
.background{ background-color: rgb(195, 89,  
193) }
```

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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