

Converting Colors

YIQ(155.2580, -8.2130, 33.2190)

Have a look what the booklet for
YIQ(155.2580, -8.2130, 33.2190)
contains.

YIQ(155.2580, -8.2130, 33.2190)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(155.2580, -8.2130,
33.2190)**

Conversions

Conversions Part 1

Format	Color
Hex	A888DD
RGB	168, 136, 221
RGB Percent	66%, 53%, 87%
CMY	0.3410, 0.4667, 0.1334
CMYK	0.24, 0.38, 0.00, 0.13
HSL	263°, 56%, 70%
HSV	263°, 38%, 87%
XYZ	38.0056, 31.1522, 72.3989
YIQ	155.2580, -8.2130, 33.2190

Conversions

Conversions Part 2

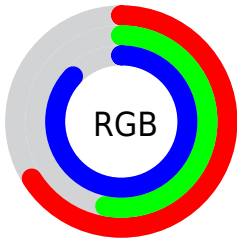
Format	Color
RYB	168, 136, 221
Decimal	11045085
CIELab	62.64, 29.41, -38.98
CIELCh	63, 48.836, 307.033
Yxy	31.1522, 0.2685, 0.2201
Android (android.graphics.Color)	4289235165 (0xFFA888DD)
YUV	155.2580, 32.4108, 11.1747
Hunter-Lab	55.8141, 23.8714, -37.8378

Details

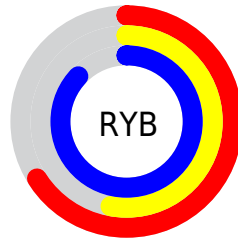
The YIQ color $155.2580, -8.2130, 33.2190$ is a light color, and the websafe version is hex $CC99FF$. A complement of this color would be $201.7420, 8.2130, -33.2190$, and the grayscale version is $155.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $207.8750, -0.0050, 27.6350$, and $103.3780, -8.6710, 30.5050$ is the 20% darker color. If you saturate the color by 10%, you get $138.1580, -10.5070, 41.7570$, and if you desaturate by 10%, it is $172.3580, -5.9190, 24.6810$.

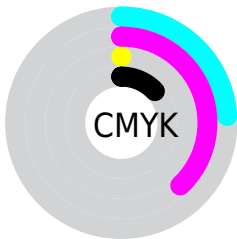
Distribution



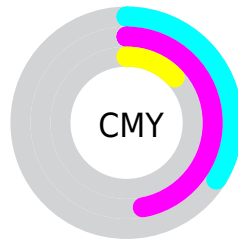
- Red (66%)
- Green (53%)
- Blue (87%)



- Red (66%)
- Yellow (53%)
- Blue (87%)



- Cyan (24%)
- Magenta (38%)
- Yellow (0%)
- Black (13%)



- Cyan (34%)
- Magenta (47%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 155.2580, -8.2130, 33.2190 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 155.2580, -8.2130, 33.2190 by changing the saturation by 10% instead.

155.2580, -8.2130,
33.2190

155.2580, -8.2130,
33.2190

255.0000, -0.0000,
-0.0000

128.7310, -8.1670,
32.3850

207.8750, -0.0050,
27.6350

103.3780, -8.6710,
30.5050

232.9820, 9.5790,
19.1390

78.5520, -9.2210,
29.4590

249.7170, 2.4750,
4.7070

54.3130, -10.0460,
27.8900

30.7750, -11.4670,
26.1090

10.8840, -13.3920,
22.4480

6.4350, -13.9860,

11.1820

■ 2.7530, -6.3740,
5.3860

■ 0.0000, 0.0000,
0.0000

■ 155.2580, -8.2130,
33.2190

■ 155.2580, -8.2130,
33.2190

■ 138.1580,
-10.5070, 41.7570

■ 172.3580, -5.9190,
24.6810

■ 121.3570,
-12.2050, 50.5070

■ 189.4580, -3.6250,
16.1430

■ 104.2570,
-14.4990, 59.0450

■ 206.2590, -1.9270,
7.3930

■ 87.1570, -16.7930,
67.5830

■ 223.3590, 0.3670,
-1.1450

■ 70.0570, -19.0870,
76.1210

■ 240.4590, 2.6610,
-9.6830

■ 52.3700, -21.1060,
85.1820

■ 249.9280, 8.5300,
-11.4220

■ 50.0110, -21.4730,
86.3270

■ 251.1240, 10.9140,
-10.5740

Harmonies

Analogous

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



144.6360, -62.7240, 13.4040



155.2580, -8.2130, 33.2190



155.3310, 34.2420, 40.2420

Triad

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



155.2580, -8.2130, 33.2190



149.5090, 61.1180, -6.3220



119.9050, -99.2560, -40.4080

Complementary

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



155.2580, -8.2130, 33.2190



201.7420, 8.2130, -33.2190

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.



130.3450, -50.8850, -41.4850



155.2580, -8.2130, 33.2190



146.1110, 38.1510, -25.1210

Square

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



155.2580, -8.2130, 33.2190



151.0010, 69.3210, 15.7290



141.4530, 1.6570, -35.5510



124.1060, -112.4630, -26.8230

Rectangle

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



155.2580, -8.2130, 33.2190



153.1020, 53.8200, 37.8520



141.4530, 1.6570, -35.5510



118.1950, -94.4410, -45.0730

Sweetspot

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



155.2580, -8.2130, 33.2190



231.1220, -2.7990, 12.1850



177.3880, -42.1350, -1.8070



113.8460, -2.2020, 6.8700



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.



155.2580, -8.2130, 33.2190



164.4940, -11.3330, 45.7150



167.8160, 16.8190, 42.1230



101.4500, -1.1470, 4.2690



39.1570, -16.7930, 67.5830



10.3270, -4.6340, 17.9100

Inverse Universe

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



167.4570, 33.6470, 34.5030



181.3050, 46.2990, 47.5070



189.1840, -16.8190, -42.1230



103.0870, 4.3090, 4.5090



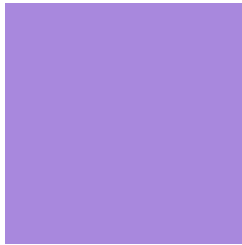
64.0390, 68.4400, 70.2640



17.0600, 18.1070, 18.7710

Previews

White Background



This preview shows how the YIQ color 155.2580, -8.2130, 33.2190 looks on a white background.

Color Contrast Check

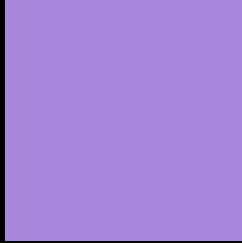
Large Text (above 18pt) WCAG AA × Fail

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 155.2580, -8.2130, 33.2190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

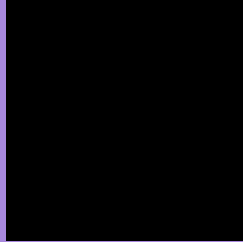
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 155.2580, -8.2130, 33.2190

Background



This preview shows how black text looks on a background with the YIQ color 155.2580, -8.2130, 33.2190.



This preview shows how white text looks on a background with the YIQ color 155.2580, -8.2130,

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

155.2580, -8.2130, 33.2190

Protanopia

150.3890, -42.7350, 20.0890

Deuteranopia

150.5760, -36.1320, 16.0600



Tritanopia

152.6460, 1.2370, 5.1170

Trichromacy



Original Color

155.2580, -8.2130, 33.2190

Protanomaly

152.0810, -29.9440, 25.0640

Deuteranomaly

152.2400, -26.1380, 22.1660

Tritanomaly

153.4150, -2.0660, 15.4220

Monochromacy



Original Color

155.2580, -8.2130, 33.2190

Achromatopsia

155.0000, -0.0000, 0.0000

Achromatomaly

155.1220, -2.7990, 12.1850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.2580, -8.2130, 33.2190 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(168, 136, 221)` looks like.

```
.text, #text, p{  
    color:rgb(168, 136, 221)  
}
```

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(168, 136, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 136, 221) }
```

Border

The CSS property to change the border of an element to YIQ 155.2580, -8.2130, 33.2190 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(168, 136, 221) }
```


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

```
.border{ border-color:rgb(168, 136, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 136, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 136, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 136, 221);  
box-shadow:4px 4px 4px 4px rgb(168, 136,  
221) }
```

Background

The CSS property to change the background color of an element to YIQ 155.2580, -8.2130, 33.2190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 136, 221) }
```

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

```
.background{ background-color: rgb(168,  
136, 221) }
```

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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