

Converting Colors

YIQ(155.6570, -13.3500,
43.7220)

Have a look what the booklet for
YIQ(155.6570, -13.3500, 43.7220)
contains.

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Color

**YIQ(155.6570, -13.3500,
43.7220)**

Conversions

Conversions Part 1

Format	Color
Hex	AA83F5
RGB	170, 131, 245
RGB Percent	67%, 51%, 96%
CMY	0.3332, 0.4863, 0.0394
CMYK	0.31, 0.47, 0.00, 0.04
HSL	261°, 85%, 74%
HSV	261°, 47%, 96%
XYZ	41.1767, 31.3694, 90.2420
YIQ	155.6570, -13.3500, 43.7220

Conversions

Conversions Part 2

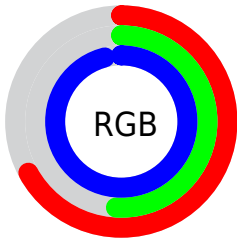
Format	Color
R _Y B	170, 131, 245
Decimal	11174901
CIE _{Lab}	62.82, 38.60, -51.97
CIE _{LCh}	63, 64.738, 306.601
Y _{xy}	31.3694, 0.2529, 0.1927
Android (android.graphics.Color)	4289364981 (0xFFAA83F5)
YUV	155.6570, 44.0461, 12.5788
Hunter-Lab	56.0083, 33.2164, -56.3236

Details

The YIQ color $155.6570, -13.3500, 43.7220$ is a light color, and the websafe version is hex $CC99FF$. A complement of this color would be $220.3430, 13.3500, -43.7220$, and the grayscale version is $155.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $205.8370, 3.1580, 30.8860$, and $103.0650, -14.6790, 40.2730$ is the 20% darker color. If you saturate the color by 10%, you get $136.1980, -16.0110, 53.4050$, and if you desaturate by 10%, it is $174.5290, -10.4140, 34.5620$.

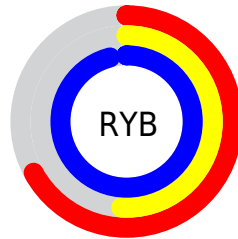
Distribution



Red (67%)

Green (51%)

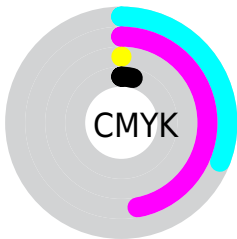
Blue (96%)



Red (67%)

Yellow (51%)

Blue (96%)

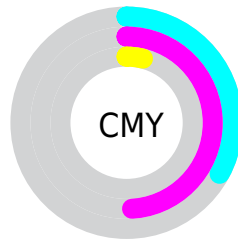


Cyan (31%)

Magenta (47%)

Yellow (0%)

Black (4%)



Cyan (33%)

Magenta (49%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 155.6570, -13.3500, 43.7220 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 155.6570, -13.3500, 43.7220 by changing the saturation by 10% instead.

■ 155.6570,
-13.3500, 43.7220

■ 155.6570,
-13.3500, 43.7220

■ 255.0000, -0.0000,
-0.0000

■ 128.7170,
-13.5790, 42.3650

■ 205.8370, 3.1580,
30.8860

■ 103.0650,
-14.6790, 40.2730

■ 230.3460, 11.5500,
21.9660

■ 77.8260, -15.5040,
38.7040

■ 246.7820, 3.8500,
7.3220

■ 52.2880, -16.9250,
36.9230

■ 26.5540, -20.7300,
34.2940

■ 9.4620, -26.6430,
25.8130

■ 6.7260, -18.9390,

18.3490

■ 5.2780, -12.1060,
10.1500

■ 1.3680, -3.8520,
3.7320

■ 155.6570,
-13.3500, 43.7220

■ 155.6570,
-13.3500, 43.7220

■ 136.1980,
-16.0110, 53.4050

■ 174.5290,
-10.4140, 34.5620

■ 117.3260,
-18.9470, 62.5650

■ 193.9880, -7.7530,
24.8790

■ 97.8670, -21.6080,
72.2480

■ 212.8600, -4.8170,
15.7190

■ 78.9950, -24.5440,
81.4080

■ 232.3190, -2.1560,
6.0360

■ 60.1230, -27.4800,
90.5680

■ 251.4900, 1.3760,
-2.9120

■ 53.0460, -28.5810,
94.0030

■ 253.8600, 3.2100,
-3.1100

Harmonies

Analogous

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



124.2410, -116.1360, 1.2080



155.6570, -13.3500, 43.7220



153.9770, 44.6470, 55.4230

Triad

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



155.6570, -13.3500, 43.7220



146.6280, 79.5960, -10.8040



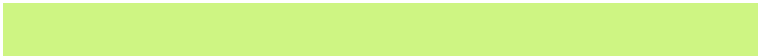
123.6550, -101.5480, -42.9240

Complementary

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



155.6570, -13.3500, 43.7220



220.3430, 13.3500, -43.7220

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.



115.1680, -81.7840, -59.7040



155.6570, -13.3500, 43.7220



141.9380, 54.1550, -39.8370

Square

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



155.6570, -13.3500, 43.7220



147.3520, 90.5020, 22.8380



136.7220, 1.7970, -49.1070



129.4520, -119.2490, -24.9850

Rectangle

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



155.6570, -13.3500, 43.7220



149.7550, 71.5150, 53.0750



136.7220, 1.7970, -49.1070



121.3750, -95.1280, -49.1440

Sweetspot

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



155.6570, -13.3500, 43.7220



226.9910, -3.8080, 13.9520



188.6080, -57.4940, -4.2940



110.6010, -2.8900, 8.3260



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.



155.6570, -13.3500, 43.7220



142.9530, -16.6990, 54.8610



172.4010, 20.0260, 55.5940



112.5640, -1.4680, 4.5800



40.3400, -21.5620, 71.4140



12.7060, -7.0190, 22.5890

Inverse Universe

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



173.6360, 43.8690, 47.4930



165.4730, 55.0540, 59.5500



203.5990, -20.0260, -55.5940



114.5000, 4.5840, 5.0320



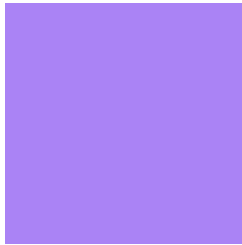
69.5220, 71.6940, 77.3740



22.0870, 22.6450, 24.6370

Previews

White Background



This preview shows how the YIQ color 155.6570, -13.3500, 43.7220 looks on a white background.

Color Contrast Check

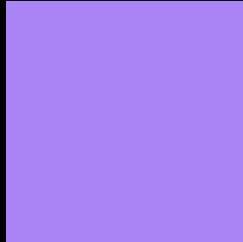
Large Text (above 18pt) WCAG AA × Fail

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 155.6570, -13.3500, 43.7220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

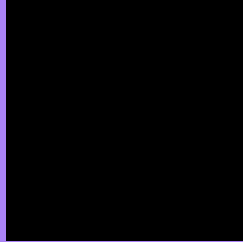
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 155.6570, -13.3500, 43.7220

Background



This preview shows how black text looks on a background with the YIQ color 155.6570, -13.3500, 43.7220.



This preview shows how white text looks on a background with the YIQ color 155.6570, -13.3500,

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

155.6570, -13.3500, 43.7220

Protanopia

148.5260, -59.0580, 24.0620

Deuteranopia

147.4950, -57.7730, 17.2910



Tritanopia

152.5640, -1.4680, 4.5800

Trichromacy



Original Color

155.6570, -13.3500, 43.7220

Protanomaly

150.8380, -42.1410, 31.3550

Deuteranomaly

150.0890, -41.5900, 26.8740

Tritanomaly

153.6690, -5.5970, 18.8430

Monochromacy



Original Color

155.6570, -13.3500, 43.7220

Achromatopsia

156.0000, -0.0000, -0.0000

Achromatomaly

155.8600, -4.8170, 15.7190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.6570, -13.3500, 43.7220 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(170, 131, 245)` looks like.

```
.text, #text, p{  
    color:rgb(170, 131, 245)  
}
```

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(170, 131, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 131, 245) }
```

Border

The CSS property to change the border of an element to YIQ 155.6570, -13.3500, 43.7220 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(170, 131, 245) }
```


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

```
.border{ border-color:rgb(170, 131, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 131, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 131, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 131, 245);  
box-shadow:4px 4px 4px 4px rgb(170, 131,  
245) }
```

Background

The CSS property to change the background color of an element to YIQ 155.6570, -13.3500, 43.7220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 131, 245) }
```

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

```
.background{ background-color: rgb(170,  
131, 245) }
```

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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