

Converting Colors

YIQ(155.3560, 25.0670, 68.8670)

Have a look what the booklet for
YIQ(155.3560, 25.0670, 68.8670)
contains.

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Color

**YIQ(155.3560, 25.0670,
68.8670)**

Conversions

Conversions Part 1

Format	Color
Hex	DE68F5
RGB	222, 104, 245
RGB Percent	87%, 41%, 96%
CMY	0.1290, 0.5923, 0.0392
CMYK	0.09, 0.58, 0.00, 0.04
HSL	290°, 88%, 68%
HSV	290°, 58%, 96%
XYZ	51.5794, 32.0276, 89.8476
YIQ	155.3560, 25.0670, 68.8670

Conversions

Conversions Part 2

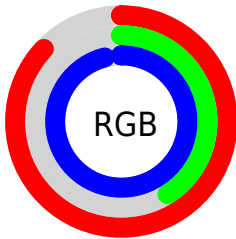
Format	Color
R _Y B	222, 104, 245
Decimal	14575861
CIE Lab	63.37, 65.74, -50.75
CIE LCh	63, 83.052, 322.330
Yxy	32.0276, 0.2974, 0.1846
Android (android.graphics.Color)	4292765941 (0xFFDE68F5)
YUV	155.3560, 44.1945, 58.4468
Hunter-Lab	56.5929, 63.6493, -54.5145

Details

The YIQ color $155.3560, 25.0670, 68.8670$ is a light color, and the websafe version is hex $CC66FF$. A complement of this color would be $193.6440, -25.0670, -68.8670$, and the grayscale version is $155.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $199.2350, 26.1250, 49.6850$, and $96.8830, 25.0210, 69.7010$ is the 20% darker color. If you saturate the color by 10%, you get $139.4850, 29.5580, 81.0940$, and if you desaturate by 10%, it is $170.6400, 20.8510, 57.1630$.

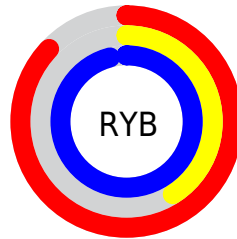
Distribution



Red (87%)

Green (41%)

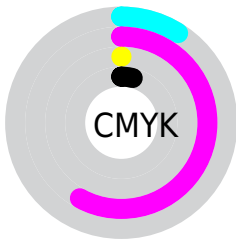
Blue (96%)



Red (87%)

Yellow (41%)

Blue (96%)

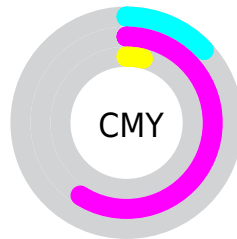


Cyan (9%)

Magenta (58%)

Yellow (0%)

Black (4%)



Cyan (13%)


Magenta (59%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 155.3560, 25.0670, 68.8670 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 155.3560, 25.0670, 68.8670 by changing the saturation by 10% instead.


 155.3560, 25.0670,
68.8670

 155.3560, 25.0670,
68.8670


255.0000, -0.0000,
-0.0000


 126.9430, 24.7920,
68.3440


 199.2350, 26.1250,
49.6850

 96.8830, 25.0210,
69.7010


 216.2580, 18.1500,
34.5180


 58.7190, 28.7790,
78.6910

 233.2810, 10.1750,
19.3510

 47.2690, 20.7580,
64.3580

 250.3040, 2.2000,
4.1840

 36.2320, 13.0120,
50.5480

 25.3090, 4.9450,
37.0490

 13.9020, -4.6350,

23.4370

■ 5.2780, -12.1060,
10.1500

■ 1.3680, -3.8520,
3.7320

■ 155.3560, 25.0670,
68.8670

■ 155.3560, 25.0670,
68.8670

■ 139.4850, 29.5580,
81.0940

■ 170.6400, 20.8510,
57.1630

■ 124.2010, 33.7740,
92.7980

■ 186.5110, 16.3600,
44.9360

■ 108.3300, 38.2650,
105.0250

■ 201.7950, 12.1440,
33.2320

■ 93.0460, 42.4810,
116.7290

■ 217.6660, 7.6530,
21.0050

89.2250, 43.5350,
119.6550

232.9500, 3.4370,
9.3010

248.8210, -1.0540,
-2.9260

252.3650, 0.2300,
-4.1700

253.5610, 2.6140,
-3.3220

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.



142.6230, -60.7090, 26.4510



155.3560, 25.0670, 68.8670



135.6380, 77.0590, 73.7550

Triad

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



155.3560, 25.0670, 68.8670



144.6270, 80.1960, -32.7000



132.8940, -117.9180, -32.5900

Complementary

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



155.3560, 25.0670, 68.8670



193.6440, -25.0670, -68.8670

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.



123.5290, -92.9260, -56.0140



155.3560, 25.0670, 68.8670



136.9100, 33.0220, -58.8340

Square

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



155.3560, 25.0670, 68.8670



143.2240, 110.6330, 4.9130



111.1150, -66.2380, -77.1340



135.9040, -131.9050, -15.8810

Rectangle

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



155.3560, 25.0670, 68.8670



128.1770, 93.9340, 59.7740



111.1150, -66.2380, -77.1340



130.0440, -109.8930, -40.3650

Sweetspot

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



155.3560, 25.0670, 68.8670



227.6660, 7.6530, 21.0050



133.5750, -51.5860, 31.8220



111.2430, 4.1700, 12.5380



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.



155.3560, 25.0670, 68.8670



143.0170, 31.1160, 85.9000



156.8750, 53.8620, 59.1260



114.3580, 2.1080, 5.8520



67.8480, 33.2700, 90.9180



21.3770, 10.2650, 28.7370

Inverse Universe

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



148.7810, 76.6530, 37.0450



134.9300, 95.5870, 46.3310



192.1250, -53.8620, -59.1260



113.8160, 6.5100, 3.1660



59.0340, 101.2260, 48.7620



18.7810, 31.9540, 15.6180

Previews

White Background



This preview shows how the YIQ color 155.3560, 25.0670, 68.8670 looks on a white background.

Color Contrast Check

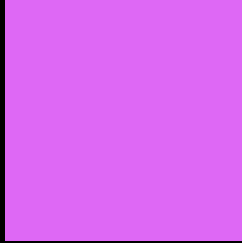
Large Text (above 18pt) WCAG AA × Fail

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 155.3560, 25.0670, 68.8670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

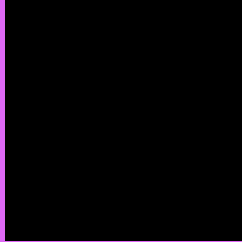
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 155.3560, 25.0670, 68.8670

Background



This preview shows how black text looks on a background with the YIQ color 155.3560, 25.0670, 68.8670.



This preview shows how white text looks on a background with the YIQ color 155.3560, 25.0670,

68.8670.

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

155.3560, 25.0670, 68.8670

Protanopia

149.7110, -58.1410, 23.9630

Deuteranopia

150.2030, -51.0790, 17.1210



Tritanopia

155.8640, 42.0860, 19.2220

Trichromacy



Original Color

155.3560, 25.0670, 68.8670



Protanomaly

151.5350, -27.7460, 40.3020



Deuteranomaly

151.9390, -23.2520, 35.9480



Tritanomaly

155.7070, 35.9390, 37.0190

Monochromacy



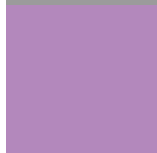
Original Color

155.3560, 25.0670, 68.8670



Achromatopsia

155.0000, -0.0000, 0.0000



Achromatomaly

154.7850, 8.9360, 25.2880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.3560, 25.0670, 68.8670 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(222, 104, 245)` looks like.

```
.text, #text, p{  
    color:rgb(222, 104, 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(222, 104, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 104, 245) }
```

Border

The CSS property to change the border of an element to YIQ 155.3560, 25.0670, 68.8670 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(222, 104, 245) }
```


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

```
.border{ border-color:rgb(222, 104, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 104, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 104, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 104, 245);  
box-shadow:4px 4px 4px 4px rgb(222, 104,  
245) }
```

Background

The CSS property to change the background color of an element to YIQ 155.3560, 25.0670, 68.8670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 104, 245) }
```

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

```
.background{ background-color: rgb(222,  
104, 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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