

Converting Colors

YIQ(160.9280, -15.5510,
45.0650)

Have a look what the booklet for
YIQ(160.9280, -15.5510, 45.0650)
contains.

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Color

**YIQ(160.9280, -15.5510,
45.0650)**

Conversions

Conversions Part 1

Format	Color
Hex	AE88FF
RGB	174, 136, 255
RGB Percent	68%, 53%, 100%
CMY	0.3175, 0.4667, 0.0002
CMYK	0.32, 0.47, 0.00, 0.00
HSL	259°, 100%, 77%
HSV	259°, 47%, 100%
XYZ	44.3105, 33.8249, 98.7681
YIQ	160.9280, -15.5510, 45.0650

Conversions

Conversions Part 2

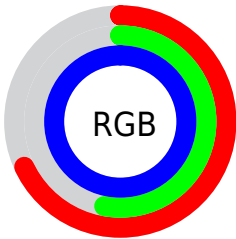
Format	Color
RYB	174, 136, 255
Decimal	11438335
CIELab	64.82, 39.32, -54.25
CIELCh	65, 67.005, 305.933
Yxy	33.8249, 0.2505, 0.1912
Android (android.graphics.Color)	4289628415 (0xFFAE88FF)
YUV	160.9280, 46.3775, 11.4641
Hunter-Lab	58.1592, 34.2178, -59.9771

Details

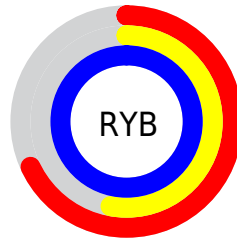
The YIQ color $160.9280, -15.5510, 45.0650$ is a light color, and the websafe version is hex $CC99FF$. A complement of this color would be $230.0720, 15.5510, -45.0650$, and the grayscale version is $160.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $209.9680, 4.1670, 29.1190$, and $107.7490, -16.6050, 42.1390$ is the 20% darker color. If you saturate the color by 10%, you get $140.5830, -18.5330, 55.0590$, and if you desaturate by 10%, it is $180.6860, -12.2940, 35.5940$.

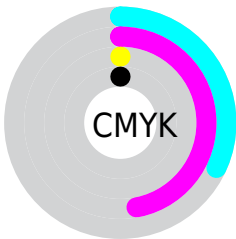
Distribution



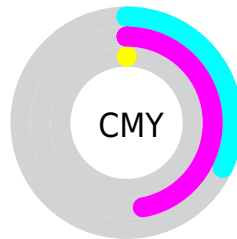
- Red (68%)
- Green (53%)
- Blue (100%)



- Red (68%)
- Yellow (53%)
- Blue (100%)



- Cyan (32%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)



- Cyan (32%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 160.9280, -15.5510, 45.0650 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 160.9280, -15.5510, 45.0650 by changing the saturation by 10% instead.

■ 160.9280,
-15.5510, 45.0650

■ 160.9280,
-15.5510, 45.0650

■ 255.0000, -0.0000,
-0.0000

■ 133.9880,
-15.7800, 43.7080

■ 209.9680, 4.1670,
29.1190

■ 107.7490,
-16.6050, 42.1390

■ 233.2810, 10.1750,
19.3510

■ 82.0970, -17.7050,
40.0470

■ 250.3040, 2.2000,
4.1840

■ 57.1460, -19.4010,
37.7430

■ 31.1130, -23.8020,
34.9020

■ 10.3740, -29.2110,
28.3010

■ 7.6380, -21.5070,

20.8370

■ 6.7770, -14.9490,
12.1150

■ 3.0950, -7.3370,
6.3190

■ 160.9280,
-15.5510, 45.0650

■ 160.9280,
-15.5510, 45.0650

■ 140.5830,
-18.5330, 55.0590

■ 180.6860,
-12.2940, 35.5940

■ 120.5260,
-22.3860, 64.3180

■ 201.3300, -8.7160,
25.8120

■ 100.1810,
-25.3680, 74.3120

■ 221.0880, -5.4590,
16.3410

■ 80.4230, -28.6250,
83.7830

■ 241.4330, -2.4770,
6.3470

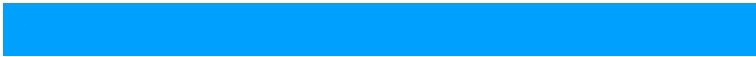
■ 60.3660, -32.4780, 255.0000, -0.0000,
93.0420 -0.0000

■ 53.5880, -32.9830,
96.6890

Harmonies

Analogous

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



122.9900, -125.8550, -4.3750



160.9280, -15.5510, 45.0650



159.3300, 45.1510, 57.3030

Triad

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



160.9280, -15.5510, 45.0650



151.7810, 83.5390, -10.6770



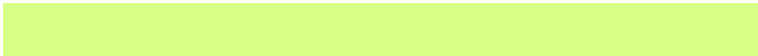
127.7470, -104.8030, -44.5070

Complementary

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



160.9280, -15.5510, 45.0650



230.0720, 15.5510, -45.0650

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.



118.9180, -84.0760, -62.2200



160.9280, -15.5510, 45.0650



146.5100, 58.2360, -42.2120

Square

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



160.9280, -15.5510, 45.0650



151.6620, 92.5650, 23.9970



141.0380, 3.7230, -50.9730



133.7720, -123.1460, -25.9460

Rectangle

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



160.9280, -15.5510, 45.0650



153.5100, 70.8270, 54.5310



141.0380, 3.7230, -50.9730



125.3530, -98.0620, -51.0380

Sweetspot

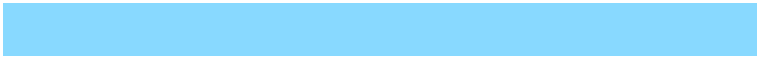
The Sweet Spot groups the original color and five complimentary colors.



160.9280, -15.5510, 45.0650



226.6920, -4.4040, 13.7400



197.1130, -60.4740, -5.3540



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.



160.9280, -15.5510, 45.0650



142.0560, -18.4870, 54.2250



178.5690, 19.6130, 57.5730



117.6780, -1.7890, 4.8910



40.0130, -24.9550, 72.3330



13.2760, -8.6240, 24.1440

Inverse Universe

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



180.8150, 44.9230, 50.4190



165.8150, 54.0910, 60.4830



212.4310, -19.6130, -57.5730



119.7990, 5.1800, 5.2440



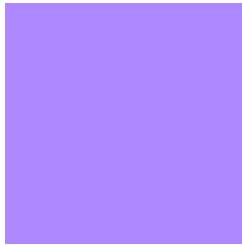
71.9290, 72.1060, 80.9220



24.0380, 24.3410, 26.9410

Previews

White Background



This preview shows how the YIQ color 160.9280, -15.5510, 45.0650 looks on a white background.

Color Contrast Check

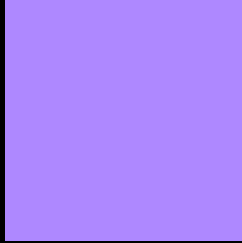
Large Text (above 18pt) WCAG AA × Fail

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 160.9280, -15.5510, 45.0650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

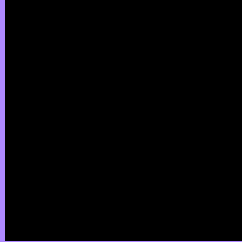
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 160.9280, -15.5510, 45.0650

Background



This preview shows how black text looks on a background with the YIQ color 160.9280, -15.5510, 45.0650.



This preview shows how white text looks on a background with the YIQ color 160.9280, -15.5510,

45.0650.

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

160.9280, -15.5510, 45.0650

Protanopia

154.4510, -54.4730, 23.5670

Deuteranopia

151.7550, -61.4410, 17.6870



Tritanopia

157.6670, -3.2560, 3.9440

Trichromacy



Original Color

160.9280, -15.5510, 45.0650

Protanomaly

156.6210, -40.0320, 31.6800

Deuteranomaly

154.7620, -44.9830, 27.7930

Tritanomaly

159.0000, -8.0270, 18.8290

Monochromacy



Original Color

160.9280, -15.5510, 45.0650

Achromatopsia

161.0000, -0.0000, -0.0000

Achromatomaly

161.0880, -5.4590, 16.3410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 160.9280, -15.5510, 45.0650 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(174, 136, 255)` looks like.

```
.text, #text, p{  
    color:rgb(174, 136, 255)  
}
```

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(174, 136, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 136, 255) }
```

Border

The CSS property to change the border of an element to YIQ 160.9280, -15.5510, 45.0650 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(174, 136, 255) }
```


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

```
.border{ border-color:rgb(174, 136, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 136, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 136, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 136, 255);  
box-shadow:4px 4px 4px 4px rgb(174, 136,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 160.9280, -15.5510, 45.0650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 136, 255) }
```

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

```
.background{ background-color: rgb(174,  
136, 255) }
```

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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