

Converting Colors

YIQ(161.1120, 22.6380, 63.3260)

Have a look what the booklet for
YIQ(161.1120, 22.6380, 63.3260)
contains.

YIQ(161.1120, 22.6380, 63.3260)	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(161.1120, 22.6380,
63.3260)**

Conversions

Conversions Part 1

Format	Color
Hex	DE72F4
RGB	222, 114, 244
RGB Percent	87%, 45%, 96%
CMY	0.1291, 0.5531, 0.0431
CMYK	0.09, 0.53, 0.00, 0.04
HSL	290°, 86%, 70%
HSV	290°, 53%, 96%
XYZ	52.4915, 34.0992, 89.4009
YIQ	161.1120, 22.6380, 63.3260

Conversions

Conversions Part 2

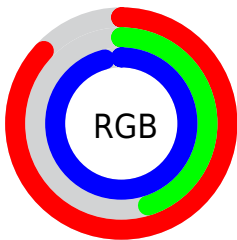
Format	Color
R _Y B	222, 114, 244
Decimal	14578420
CIE Lab	65.04, 60.91, -47.55
CIE LCh	65, 77.273, 322.019
Yxy	34.0992, 0.2983, 0.1938
Android (android.graphics.Color)	4292768500 (0xFFDE72F4)
YUV	161.1120, 40.8638, 53.3988
Hunter-Lab	58.3945, 58.2656, -49.8958

Details

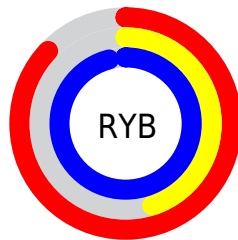
The YIQ color **161.1120, 22.6380, 63.3260** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **196.8880, -22.6380, -63.3260**, and the grayscale version is **161.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **205.1050, 23.3750, 44.4550**, and **104.4000, 21.7670, 62.5910** is the 20% darker color. If you saturate the color by 10%, you get **145.8280, 26.8540, 75.0300**, and if you desaturate by 10%, it is **176.3960, 18.4220, 51.6220**.

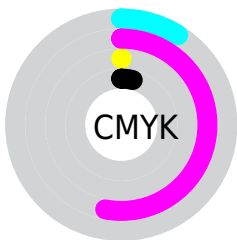
Distribution



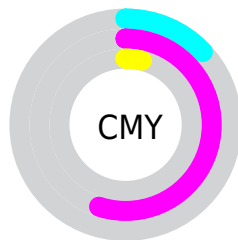
- Red (87%)
- Green (45%)
- Blue (96%)



- Red (87%)
- Yellow (45%)
- Blue (96%)



- Cyan (9%)
- Magenta (53%)
- Yellow (0%)
- Black (4%)



- Cyan (13%)
- Magenta (55%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 161.1120, 22.6380, 63.3260 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 161.1120, 22.6380, 63.3260 by changing the saturation by 10% instead.

161.1120, 22.6380,
63.3260

161.1120, 22.6380,
63.3260

255.0000, -0.0000,
-0.0000

132.6990, 22.3630,
62.8030

205.1050, 23.3750,
44.4550

104.4000, 21.7670,
62.5910

221.5410, 15.6750,
29.8110

74.1660, 22.5460,
64.9940

238.5640, 7.7000,
14.6440

47.4540, 21.6750,
64.2590

36.4170, 13.9290,
50.4490

25.4940, 5.8620,
36.9500

15.0980, -2.2510,

24.2850

■ 5.2780, -12.1060,
10.1500

■ 1.2540, -3.5310,
3.4210

■ 161.1120, 22.6380,
63.3260

■ 161.1120, 22.6380,
63.3260

■ 145.8280, 26.8540,
75.0300

■ 176.3960, 18.4220,
51.6220

■ 129.9570, 31.3450,
87.2570

■ 192.2670, 13.9310,
39.3950

■ 114.6730, 35.5610,
98.9610

■ 207.5510, 9.7150,
27.6910

■ 98.8020, 40.0520,
111.1880

■ 223.7210, 5.8200,
15.6760

88.5130, 42.6640,
118.9200

239.0050, 1.6040,
3.9720

251.3540, -1.2370,
-5.1170

252.5500, 1.1470,
-4.2690

253.7460, 3.5310,
-3.4210

Harmonies

Analogous

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



150.0320, -54.6110, 26.0690



161.1120, 22.6380, 63.3260



146.5460, 71.1460, 65.2740

Triad

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



161.1120, 22.6380, 63.3260



148.1710, 81.4800, -33.9440



134.6550, -118.7430, -34.1590

Complementary

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



161.1120, 22.6380, 63.3260



196.8880, -22.6380, -63.3260

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.



125.8600, -95.3560, -56.0280



161.1120, 22.6380, 63.3260



141.3620, 37.5610, -58.4950

Square

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



161.1120, 22.6380, 63.3260



150.1570, 103.5720, 6.2280



123.5130, -52.4390, -68.3990



137.6650, -132.7300, -17.4500

Rectangle

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



161.1120, 22.6380, 63.3260



139.5410, 86.7370, 52.5370



123.5130, -52.4390, -68.3990



132.0330, -111.3600, -41.3120

Sweetspot

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



161.1120, 22.6380, 63.3260



228.8400, 7.1030, 19.9590



142.9080, -48.3300, 27.8780



111.8300, 3.8950, 12.0150



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.



161.1120, 22.6380, 63.3260



151.2460, 28.7330, 79.5250



163.0160, 48.9110, 55.2390



114.3580, 2.1080, 5.8520



67.5490, 32.6740, 90.7060



21.3770, 10.2650, 28.7370

Inverse Universe

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



155.3780, 70.4180, 34.4020



143.8150, 88.4810, 42.9530



194.9840, -48.9110, -55.2390



113.8160, 6.5100, 3.1660



59.1480, 100.9050, 49.0730



18.7810, 31.9540, 15.6180

Previews

White Background



This preview shows how the YIQ color 161.1120, 22.6380, 63.3260 looks on a white background.

Color Contrast Check

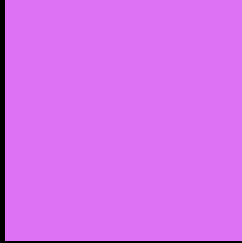
Large Text (above 18pt) WCAG AA × Fail

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 161.1120, 22.6380, 63.3260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

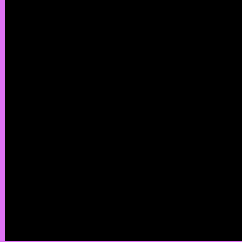
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 161.1120, 22.6380, 63.3260

Background



This preview shows how black text looks on a background with the YIQ color 161.1120, 22.6380, 63.3260.



This preview shows how white text looks on a background with the YIQ color 161.1120, 22.6380,

63.3260.

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

161.1120, 22.6380, 63.3260

Protanopia

155.3370, -54.1520, 23.2560

Deuteranopia

155.8400, -45.6230, 17.3610



Tritanopia

160.4830, 38.7850, 18.4730

Trichromacy



Original Color

161.1120, 22.6380, 63.3260



Protanomaly

157.4380, -26.0950, 37.9130



Deuteranomaly

157.5540, -20.7300, 34.2940



Tritanomaly

160.6850, 33.0050, 35.1250

Monochromacy



Original Color

161.1120, 22.6380, 63.3260



Achromatopsia

161.0000, -0.0000, -0.0000



Achromatomaly

161.0190, 8.1570, 22.8850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 161.1120, 22.6380, 63.3260 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, 114, 244)` looks like.

```
.text, #text, p{  
    color:rgb(222, 114, 244)  
}
```

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, 114, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 114, 244) }
```

Border

The CSS property to change the border of an element to YIQ 161.1120, 22.6380, 63.3260 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, 114, 244) }
```


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

```
.border{ border-color:rgb(222, 114, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 114, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 114, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 114, 244);  
box-shadow:4px 4px 4px 4px rgb(222, 114,  
244) }
```

Background

The CSS property to change the background color of an element to YIQ 161.1120, 22.6380, 63.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 114, 244) }
```

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

```
.background{ background-color: rgb(222,  
114, 244) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor