

Converting Colors

YIQ(143.6220, 30.4300, 76.3020)

Have a look what the booklet for
YIQ(143.6220, 30.4300, 76.3020)
contains.

YIQ(143.6220, 30.4300, 76.3020)	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(143.6220, 30.4300,
76.3020)**

Conversions

Conversions Part 1

Format	Color
Hex	DC56F0
RGB	220, 86, 240
RGB Percent	86%, 34%, 94%
CMY	0.1368, 0.6629, 0.0588
CMYK	0.08, 0.64, 0.00, 0.06
HSL	292°, 84%, 64%
HSV	292°, 64%, 94%
XYZ	48.5988, 28.1701, 85.3143
YIQ	143.6220, 30.4300, 76.3020

Conversions

Conversions Part 2

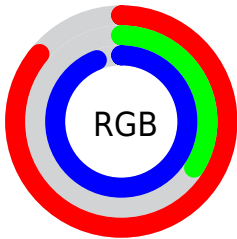
Format	Color
R _Y B	220, 86, 240
Decimal	14440176
CIE Lab	60.04, 72.05, -53.27
CIE LCh	60, 89.609, 323.522
Yxy	28.1701, 0.2998, 0.1738
Android (android.graphics.Color)	4292630256 (0xFFDC56F0)
YUV	143.6220, 47.5144, 66.9835
Hunter-Lab	53.0755, 70.5620, -58.1507

Details

The YIQ color **143.6220, 30.4300, 76.3020** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **182.3780, -30.4300, -76.3020**, and the grayscale version is **143.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **189.8430, 30.5250, 58.0530**, and **75.4580, 34.1880, 85.2920** is the 20% darker color. If you saturate the color by 10%, you get **128.6370, 35.2420, 88.2180**, and if you desaturate by 10%, it is **158.6070, 25.6180, 64.3860**.

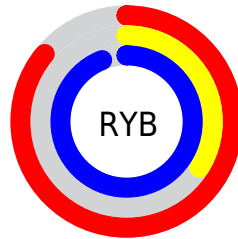
Distribution



Red (86%)

Green (34%)

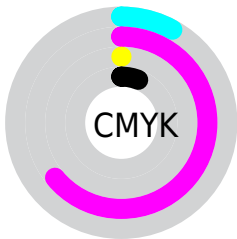
Blue (94%)



Red (86%)

Yellow (34%)

Blue (94%)

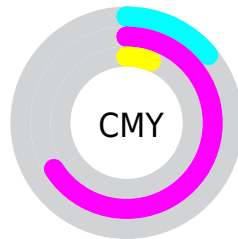


Cyan (8%)

Magenta (64%)

Yellow (0%)

Black (6%)



Cyan (14%)


Magenta (66%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 143.6220, 30.4300, 76.3020 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 143.6220, 30.4300, 76.3020 by changing the saturation by 10% instead.


 143.6220, 30.4300,
76.3020


 143.6220, 30.4300,
76.3020


255.0000, -0.0000,
-0.0000


 113.1490, 30.3840,
77.1360


 189.8430, 30.5250,
58.0530


 75.4580, 34.1880,
85.2920


 206.8660, 22.5500,
42.8860


 57.5510, 29.1920,
76.7120

 223.8890, 14.5750,
27.7190

 45.8020, 20.5750,
62.1670

 240.9120, 6.6000,
12.5520

 34.4660, 12.2330,
48.1450

 24.2550, 5.0370,
35.3810

 11.3530, -7.5230,

20.7090

■ 4.8220, -10.8220,
8.9060

■ 0.4560, -1.2840,
1.2440

■ 143.6220, 30.4300,
76.3020

■ 143.6220, 30.4300,
76.3020

■ 128.6370, 35.2420,
88.2180

■ 158.6070, 25.6180,
64.3860

■ 113.6520, 40.0540,
100.1340

■ 173.5920, 20.8060,
52.4700

■ 98.6670, 44.8660,
112.0500

■ 188.5770, 15.9940,
40.5540

■ 89.8510, 47.5240,
118.9480

■ 203.8610, 11.7780,
28.8500

218.8460, 6.9660,
16.9340

233.8310, 2.1540,
5.0180

248.8160, -2.6580,
-6.8980

250.3000, -1.1450,
-6.7850

251.1970, 0.6430,
-6.1490

Harmonies

Analogous

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



132.2680, -66.8990, 28.5010



143.6220, 30.4300, 76.3020



110.9040, 91.5900, 91.2540

Triad

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



143.6220, 30.4300, 76.3020



136.6420, 75.8400, -30.8480



127.9700, -115.0760, -29.0280

Complementary

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



143.6220, 30.4300, 76.3020



182.3780, -30.4300, -76.3020

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.



118.0350, -88.4790, -54.0070



143.6220, 30.4300, 76.3020



127.7180, 24.8150, -58.7770

Square

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



143.6220, 30.4300, 76.3020



130.7810, 119.0700, 0.6860



104.4810, -58.5810, -78.2370



131.2080, -129.7050, -11.6970

Rectangle

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



143.6220, 30.4300, 76.3020



103.8020, 108.8320, 76.1280



104.4810, -58.5810, -78.2370



125.0060, -106.7300, -37.1140

Sweetspot

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



143.6220, 30.4300, 76.3020



225.0300, 9.6240, 23.8320



115.2960, -54.9340, 37.4340



109.1940, 5.8660, 14.8420



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.



143.6220, 30.4300, 76.3020



132.4730, 39.0000, 97.2080



143.2180, 60.3260, 63.1260



112.3580, 2.1080, 5.8520



68.8160, 36.2960, 91.1440



21.0350, 11.2280, 27.8040

Inverse Universe

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



134.3260, 85.3640, 38.8680



120.4540, 108.7910, 49.3270



182.7820, -60.3260, -63.1260



111.7020, 6.8310, 2.8550



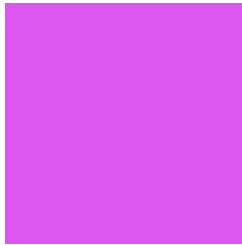
57.7520, 101.9600, 46.4720



17.5420, 31.1290, 14.0490

Previews

White Background



This preview shows how the YIQ color 143.6220, 30.4300, 76.3020 looks on a white background.

Color Contrast Check

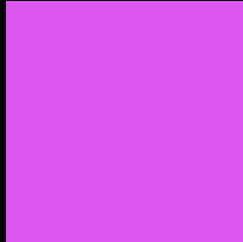
Large Text (above 18pt) WCAG AA ✓ Pass

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 143.6220, 30.4300, 76.3020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

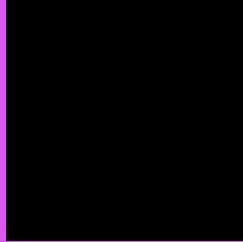
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 143.6220, 30.4300, 76.3020

Background



This preview shows how black text looks on a background with the YIQ color 143.6220, 30.4300, 76.3020.



This preview shows how white text looks on a background with the YIQ color 143.6220, 30.4300,

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

143.6220, 30.4300, 76.3020

Protanopia

139.0460, -66.3940, 24.8540

Deuteranopia

140.3380, -55.8930, 16.2590



Tritanopia

146.6260, 48.6880, 20.7200

Trichromacy



Original Color

143.6220, 30.4300, 76.3020



Protanomaly

140.7890, -31.2770, 43.7230



Deuteranomaly

141.9220, -24.5820, 38.0260



Tritanomaly

145.7510, 41.8070, 40.8070

Monochromacy



Original Color

143.6220, 30.4300, 76.3020



Achromatopsia

144.0000, -0.0000, 0.0000



Achromatomaly

144.0350, 11.2280, 27.8040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 143.6220, 30.4300, 76.3020 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(220, 86, 240)` looks like.

```
.text, #text, p{  
    color:rgb(220, 86, 240)  
}
```

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(220, 86, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 86, 240) }
```

Border

The CSS property to change the border of an element to YIQ 143.6220, 30.4300, 76.3020 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(220, 86, 240) }
```


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

```
.border{ border-color:rgb(220, 86, 240) }
```

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

Here you see how a box with a 4 pixel rgb(220, 86, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 86, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 86, 240);  
box-shadow:4px 4px 4px 4px rgb(220, 86,  
240) }
```

Background

The CSS property to change the background color of an element to YIQ 143.6220, 30.4300, 76.3020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 86, 240) }
```

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

```
.background{ background-color: rgb(220, 86,  
240) }
```

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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