

Converting Colors

YIQ(154.6430, 43.1320, 66.3640)

Have a look what the booklet for
YIQ(154.6430, 43.1320, 66.3640)
contains.

YIQ(154.6430, 43.1320, 66.3640)	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(154.6430, 43.1320,
66.3640)**

Conversions

Conversions Part 1

Format	Color
Hex	ED64DC
RGB	237, 100, 220
RGB Percent	93%, 39%, 86%
CMY	0.0702, 0.6080, 0.1372
CMYK	0.00, 0.58, 0.07, 0.07
HSL	307°, 79%, 66%
HSV	307°, 58%, 93%
XYZ	52.4318, 32.2938, 71.1939
YIQ	154.6430, 43.1320, 66.3640

Conversions

Conversions Part 2

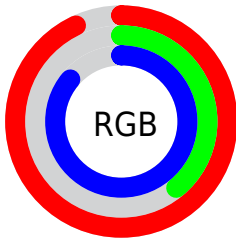
Format	Color
RYB	237, 100, 220
Decimal	15557852
CIELab	63.59, 67.03, -36.37
CIELCh	64, 76.262, 331.513
Yxy	32.2938, 0.3363, 0.2071
Android (android.graphics.Color)	4293747932 (0xFFED64DC)
YUV	154.6430, 32.2210, 72.2271
Hunter-Lab	56.8277, 65.2437, -34.4993

Details

The YIQ color **154.6430, 43.1320, 66.3640** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **182.3570, -43.1320, -66.3640**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **197.4740, 26.9500, 51.2540**, and **94.3380, 42.6730, 69.1770** is the 20% darker color. If you saturate the color by 10%, you get **140.2130, 50.6950, 77.9830**, and if you desaturate by 10%, it is **169.0730, 35.5690, 54.7450**.

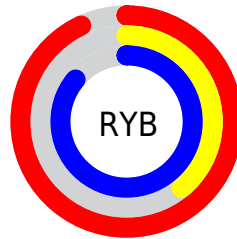
Distribution



Red (93%)

Green (39%)

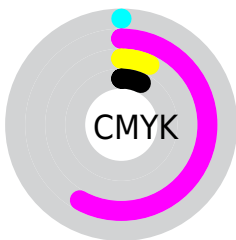
Blue (86%)



Red (93%)

Yellow (39%)

Blue (86%)

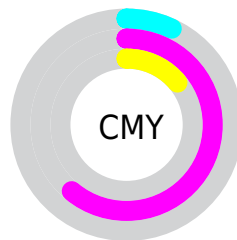


Cyan (0%)

Magenta (58%)

Yellow (7%)

Black (7%)



Cyan (7%)


Magenta (61%)


Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 154.6430, 43.1320, 66.3640 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 154.6430, 43.1320, 66.3640 by changing the saturation by 10% instead.


 154.6430, 43.1320,
66.3640


 154.6430, 43.1320,
66.3640


255.0000, -0.0000,
-0.0000


 125.4580, 42.2150,
66.4630


 197.4740, 26.9500,
51.2540


 94.3380, 42.6730,
69.1770


 214.4970, 18.9750,
36.0870


 60.2830, 44.5060,
74.5060

 231.5200, 11.0000,
20.9200

 48.9470, 36.1640,
60.4840

 249.1300, 2.7500,
5.2300

 37.7250, 27.5010,
46.7730

 27.2150, 19.7090,
33.7970

 16.6340, 10.6790,

21.2310

■ 2.6390, -6.0530,
5.0750

■ 0.0000, 0.0000,
0.0000

■ 154.6430, 43.1320,
66.3640

■ 154.6430, 43.1320,
66.3640

■ 140.2130, 50.6950,
77.9830

■ 169.0730, 35.5690,
54.7450

■ 126.3700, 57.9830,
89.0790

■ 182.9160, 28.2810,
43.6490

■ 111.9400, 65.5460,
100.6980

■ 197.3460, 20.7180,
32.0300

■ 97.5100, 73.1090,
112.3170

■ 211.7760, 13.1550,
20.4110

■ 94.5750, 74.4840,
114.9320

■ 226.2060, 5.5920,
8.7920

■ 240.0490, -1.6960,
-2.3040

■ 248.0220, -6.2340,
-8.1700

■ 248.3640, -7.1970,
-7.2370

■ 248.7060, -8.1600,
-6.3040

Harmonies

Analogous

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



154.0730, -26.3250, 42.0830



154.6430, 43.1320, 66.3640



139.5870, 81.0960, 61.1600

Triad

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



154.6430, 43.1320, 66.3640



143.6420, 66.6720, -40.9120



133.5440, -122.5040, -26.5680

Complementary

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



154.6430, 43.1320, 66.3640



182.3570, -43.1320, -66.3640

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.



125.7920, -100.6760, -47.7160



154.6430, 43.1320, 66.3640



133.5770, 20.5980, -64.9540

Square

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



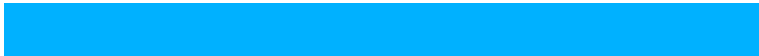
154.6430, 43.1320, 66.3640



145.6210, 98.6690, -9.5470



115.3500, -76.7850, -67.7050



132.9690, -130.5300, -13.2660

Rectangle

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



154.6430, 43.1320, 66.3640



138.5660, 93.6160, 43.5040



115.3500, -76.7850, -67.7050



131.6230, -115.7170, -33.9330

Sweetspot

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



154.6430, 43.1320, 66.3640



229.1890, 13.4300, 20.9340



120.4020, -34.4410, 45.9990



112.2820, 8.4340, 12.3540



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.



154.6430, 43.1320, 66.3640



149.1800, 55.4620, 85.2060



147.0050, 64.6390, 45.5270



110.4290, 3.3460, 5.4420



72.1310, 57.1580, 87.5100



21.5040, 17.0970, 26.0650

Inverse Universe

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



154.6430, 43.1320, 66.3640



149.1800, 55.4620, 85.2060



190.1090, -64.9600, -45.2160



110.4290, 3.3460, 5.4420



72.1310, 57.1580, 87.5100



21.5040, 17.0970, 26.0650

Previews

White Background



This preview shows how the YIQ color 154.6430, 43.1320, 66.3640 looks on a white background.

Color Contrast Check

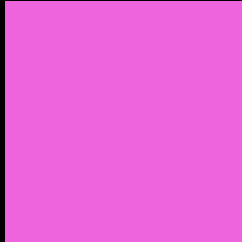
Large Text (above 18pt) WCAG AA × Fail

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 154.6430, 43.1320, 66.3640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

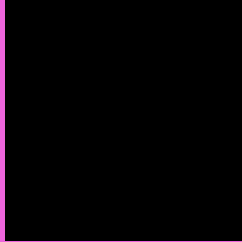
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 154.6430, 43.1320, 66.3640

Background



This preview shows how black text looks on a background with the YIQ color 154.6430, 43.1320, 66.3640.



This preview shows how white text looks on a background with the YIQ color 154.6430, 43.1320,

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

154.6430, 43.1320, 66.3640

Protanopia

151.1950, -56.6280, 24.0760

Deuteranopia

154.2410, -27.8790, 15.1690



Tritanopia

155.1220, 59.0950, 24.8470

Trichromacy



Original Color

154.6430, 43.1320, 66.3640



Protanomaly

152.0150, -20.4100, 39.5100



Deuteranomaly

154.1940, -2.1610, 33.6710



Tritanomaly

155.2700, 53.4070, 39.8310

Monochromacy



Original Color

154.6430, 43.1320, 66.3640



Achromatopsia

155.0000, -0.0000, 0.0000



Achromatomaly

154.9660, 15.6760, 24.2840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.6430, 43.1320, 66.3640 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(237, 100, 220)` looks like.

```
.text, #text, p{  
    color:rgb(237, 100, 220)  
}
```

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(237, 100, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 100, 220) }
```

Border

The CSS property to change the border of an element to YIQ 154.6430, 43.1320, 66.3640 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(237, 100, 220) }
```


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

```
.border{ border-color:rgb(237, 100, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 100, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 100, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 100, 220);  
box-shadow:4px 4px 4px 4px rgb(237, 100,  
220) }
```

Background

The CSS property to change the background color of an element to YIQ 154.6430, 43.1320, 66.3640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 100, 220) }
```

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

```
.background{ background-color: rgb(237,  
100, 220) }
```

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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