

Converting Colors

YIQ(145.0590, 30.1570, 64.7250)

Have a look what the booklet for
YIQ(145.0590, 30.1570, 64.7250)
contains.

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Color

**YIQ(145.0590, 30.1570,
64.7250)**

Conversions

Conversions Part 1

Format	Color
Hex	D65FDE
RGB	214, 95, 222
RGB Percent	84%, 37%, 87%
CMY	0.1604, 0.6276, 0.1294
CMYK	0.04, 0.57, 0.00, 0.13
HSL	296°, 66%, 62%
HSV	296°, 57%, 87%
XYZ	45.0318, 27.7597, 72.0958
YIQ	145.0590, 30.1570, 64.7250

Conversions

Conversions Part 2

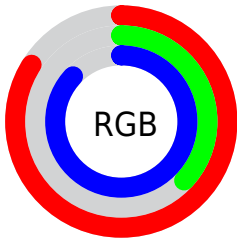
Format	Color
RYB	214, 95, 222
Decimal	14049246
CIELab	59.67, 63.62, -43.85
CIELCh	60, 77.270, 325.423
Yxy	27.7597, 0.3108, 0.1916
Android (android.graphics.Color)	4292239326 (0xFFD65FDE)
YUV	145.0590, 37.9319, 60.4613
Hunter-Lab	52.6875, 60.3601, -44.2492

Details

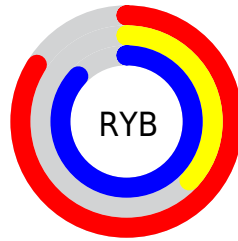
The YIQ color **145.0590, 30.1570, 64.7250** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **171.9410, -30.1570, -64.7250**, and the grayscale version is **145.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **193.9520, 28.6000, 54.3920**, and **86.1130, 30.0650, 66.3930** is the 20% darker color. If you saturate the color by 10%, you get **131.8460, 35.6110, 76.0190**, and if you desaturate by 10%, it is **158.2720, 24.7030, 53.4310**.

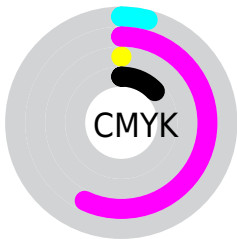
Distribution



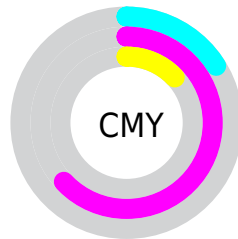
- Red (84%)
- Green (37%)
- Blue (87%)



- Red (84%)
- Yellow (37%)
- Blue (87%)



- Cyan (4%)
- Magenta (57%)
- Yellow (0%)
- Black (13%)





- Cyan (16%)
- Magenta (63%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 145.0590, 30.1570, 64.7250 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 145.0590, 30.1570, 64.7250 by changing the saturation by 10% instead.


 145.0590, 30.1570,
64.7250


 145.0590, 30.1570,
64.7250


255.0000, -0.0000,
-0.0000


 116.1730, 29.8360,
65.0360


 193.9520, 28.6000,
54.3920


 86.1130, 30.0650,
66.3930


 210.3880, 20.9000,
39.7480

 54.1180, 31.6690,
70.3650

 227.4110, 12.9250,
24.5810

 43.0810, 23.9230,
56.5550

 245.0210, 4.6750,
8.8910

 31.8590, 15.2600,
42.8440

 22.3600, 8.9350,
30.8150

 9.1590, -4.2210,

15.9310

■ 2.7530, -6.3740,
5.3860

■ 0.0000, 0.0000,
0.0000

■ 145.0590, 30.1570,
64.7250

■ 145.0590, 30.1570,
64.7250

■ 131.8460, 35.6110,
76.0190

■ 158.2720, 24.7030,
53.4310

■ 118.3340, 40.4690,
87.1010

■ 171.7840, 19.8450,
42.3490

■ 104.5340, 46.1980,
98.9180

■ 185.5840, 14.1160,
30.5320

■ 91.3210, 51.6520,
110.2120

■ 199.0960, 9.2580,
19.4500

87.5000, 52.7060,
113.1380

212.3090, 3.8040,
8.1560

225.5220, -1.6500,
-3.1380

239.0340, -6.5080,
-14.2200

242.2680, -7.2870,
-16.6230

242.8660, -6.0950,
-16.1990

Harmonies

Analogous

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



139.7650, -49.0650, 35.6950



145.0590, 30.1570, 64.7250



132.2980, 83.7080, 68.8920

Triad

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



145.0590, 30.1570, 64.7250



134.8370, 70.7970, -33.0670



125.0520, -112.3710, -28.4910

Complementary

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



145.0590, 30.1570, 64.7250



171.9410, -30.1570, -64.7250

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.



116.4850, -89.6260, -49.7380



145.0590, 30.1570, 64.7250



127.1420, 26.5570, -57.3070

Square

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



145.0590, 30.1570, 64.7250



134.9730, 100.9140, -0.6700



105.4560, -65.4600, -69.2040



128.2730, -128.3300, -9.0820

Rectangle

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



145.0590, 30.1570, 64.7250



127.7550, 97.8780, 54.3740



105.4560, -65.4600, -69.2040



122.4300, -104.9880, -35.6440

Sweetspot

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



145.0590, 30.1570, 64.7250



228.8620, 10.0370, 21.8530



114.1740, -42.9670, 35.3130



112.1400, 5.9580, 13.1740



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.



145.0590, 30.1570, 64.7250



148.3990, 41.8440, 89.7160



141.1810, 52.5800, 49.3160



105.5430, 3.0250, 5.7530



69.3990, 41.8440, 89.7160



18.9270, 11.4120, 24.4680

Inverse Universe

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



133.8850, 73.1240, 29.4120



132.8780, 101.3650, 40.7330



175.8190, -52.5800, -49.3160



104.4030, 6.2350, 2.6430



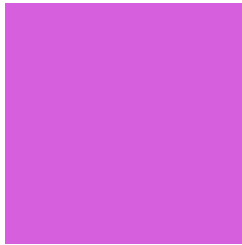
53.8780, 101.3650, 40.7330



14.6940, 27.6450, 11.1090

Previews

White Background



This preview shows how the YIQ color 145.0590, 30.1570, 64.7250 looks on a white background.

Color Contrast Check

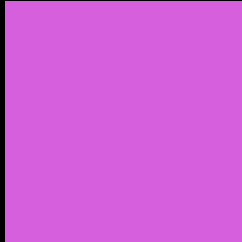
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.0590, 30.1570, 64.7250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

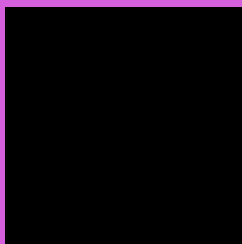
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 145.0590, 30.1570, 64.7250

Background



This preview shows how black text looks on a background with the YIQ color 145.0590, 30.1570, 64.7250.



This preview shows how white text looks on a background with the YIQ color 145.0590, 30.1570,

64.7250.

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

145.0590, 30.1570, 64.7250

Protanopia

138.1600, -66.7150, 25.1650

Deuteranopia

142.1240, -40.6710, 15.7210



Tritanopia

145.5440, 45.9830, 20.1830

Trichromacy



Original Color

145.0590, 30.1570, 64.7250



Protanomaly

140.8550, -31.6430, 39.3410



Deuteranomaly

143.5500, -14.9070, 33.3890



Tritanomaly

145.3330, 39.9280, 36.3120

Monochromacy



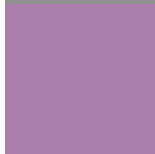
Original Color

145.0590, 30.1570, 64.7250



Achromatopsia

145.0000, 0.0000, -0.0000



Achromatomaly

145.1010, 10.8620, 23.4220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.0590, 30.1570, 64.7250 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(214, 95, 222)` looks like.

```
.text, #text, p{  
    color:rgb(214, 95, 222)  
}
```

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(214, 95, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 95, 222) }
```

Border

The CSS property to change the border of an element to YIQ 145.0590, 30.1570, 64.7250 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(214, 95, 222) }
```


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

```
.border{ border-color:rgb(214, 95, 222) }
```

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

Here you see how a box with a 4 pixel rgb(214, 95, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 95, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 95, 222);  
box-shadow:4px 4px 4px 4px rgb(214, 95,  
222) }
```

Background

The CSS property to change the background color of an element to YIQ 145.0590, 30.1570, 64.7250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 95, 222) }
```

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

```
.background{ background-color: rgb(214, 95,  
222) }
```

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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