

Converting Colors

YIQ(146.3940, 64.3210, 29.2570)

Have a look what the booklet for
YIQ(146.3940, 64.3210, 29.2570)
contains.

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Color

**YIQ(146.3940, 64.3210,
29.2570)**

Conversions

Conversions Part 1

Format	Color
Hex	E26E7D
RGB	226, 110, 125
RGB Percent	89%, 43%, 49%
CMY	0.1134, 0.5688, 0.5096
CMYK	0.00, 0.51, 0.45, 0.11
HSL	352°, 67%, 66%
HSV	352°, 51%, 89%
XYZ	40.6632, 28.8041, 22.8394
YIQ	146.3940, 64.3210, 29.2570

Conversions

Conversions Part 2

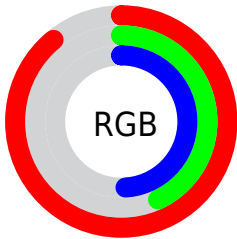
Format	Color
R _Y B	226, 110, 125
Decimal	14839421
CIE Lab	60.61, 46.55, 13.25
CIE LCh	61, 48.395, 15.890
Yxy	28.8041, 0.4405, 0.3120
Android (android.graphics.Color)	4293029501 (0xFFE26E7D)
YUV	146.3940, -10.5472, 69.8145
Hunter-Lab	53.6695, 41.3206, 12.3374

Details

The YIQ color **146.3940, 64.3210, 29.2570** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **189.6060, -64.3210, -29.2570**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **192.6910, 50.0630, 23.3350**, and **92.0560, 59.4610, 29.2290** is the 20% darker color. If you saturate the color by 10%, you get **130.6130, 77.0660, 35.0660**, and if you desaturate by 10%, it is **162.1750, 51.5760, 23.4480**.

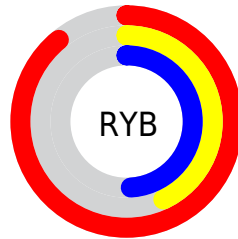
Distribution



Red (89%)

Green (43%)

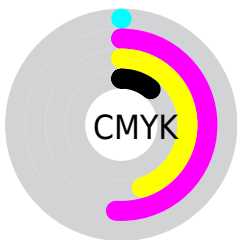
Blue (49%)



Red (89%)

Yellow (43%)

Blue (49%)

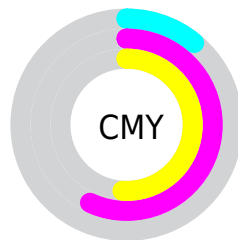


Cyan (0%)

Magenta (51%)

Yellow (45%)

Black (11%)



Cyan (11%)


Magenta (57%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 146.3940, 64.3210, 29.2570 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 146.3940, 64.3210, 29.2570 by changing the saturation by 10% instead.


 146.3940, 64.3210,
29.2570


 146.3940, 64.3210,
29.2570


255.0000, -0.0000,
-0.0000


 118.7250, 61.8910,
29.2430


 192.8050, 49.7420,
23.6460


 92.0560, 59.4610,
29.2290


 212.3190, 33.3750,
17.3990


 63.8540, 57.2140,
31.4060

 232.5340, 16.4120,
10.9400

 36.3530, 54.3710,
33.3710

 252.0650, 1.3750,
2.6150

 25.3590, 45.0660,
20.2820

 16.9720, 32.7340,
12.4940

 4.4850, 8.9400,

3.1800

■ 0.0000, 0.0000,
0.0000

■ 146.3940, 64.3210,
29.2570

■ 146.3940, 64.3210,
29.2570

■ 130.6130, 77.0660,
35.0660

■ 162.1750, 51.5760,
23.4480

■ 115.5330, 89.2150,
40.6630

■ 177.2550, 39.4270,
17.8510

■ 99.7520, 101.9600,
46.4720

■ 193.0360, 26.6820,
12.0420

■ 84.5580, 114.4300,
51.7580

■ 208.2300, 14.2120,
6.7560

■ 70.8800, 125.3870,
56.9310

■ 223.8970, 1.7880,
0.6360

■ 239.6780,
-10.9570, -5.1730

■ 246.3290,
-17.2840, -6.1480

Harmonies

Analogous

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



149.1810, 43.4120, 39.2520



146.3940, 64.3210, 29.2570



145.2300, 66.9380, 9.3540

Triad

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



146.3940, 64.3210, 29.2570



133.9830, -11.6390, -36.8790



118.2650, -116.6840, -10.8920

Complementary

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



146.3940, 64.3210, 29.2570



189.6060, -64.3210, -29.2570

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.



120.3390, -111.5010, -22.2290



146.3940, 64.3210, 29.2570



111.5780, -85.4540, -48.2540

Square

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



146.3940, 64.3210, 29.2570



140.0280, 28.0190, -28.7250



117.7680, -100.1280, -35.6160



144.0190, -44.5690, 20.2870

Rectangle

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



146.3940, 64.3210, 29.2570



143.8510, 60.1550, -5.3890



117.7680, -100.1280, -35.6160



119.3420, -115.5830, -14.3270

Sweetspot

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



146.3940, 64.3210, 29.2570



228.9320, 21.0430, 9.6110



153.4230, 22.9600, 57.4880



112.2190, 12.7450, 5.8090



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.



146.3940, 64.3210, 29.2570



146.5220, 87.7480, 39.7160



169.9250, 57.3110, 2.1030



104.4030, 6.2350, 2.6430



55.2460, 97.5130, 44.4650



15.0360, 26.6820, 12.0420

Inverse Universe

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



146.3940, 64.3210, 29.2570



146.5220, 87.7480, 39.7160



166.0750, -57.3110, -2.1030



104.4030, 6.2350, 2.6430



55.2460, 97.5130, 44.4650



15.0360, 26.6820, 12.0420

Previews

White Background



This preview shows how the YIQ color 146.3940, 64.3210, 29.2570 looks on a white background.

Color Contrast Check

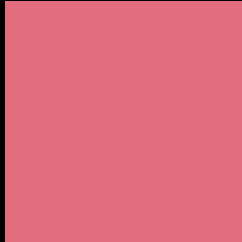
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.3940, 64.3210, 29.2570 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 146.3940, 64.3210, 29.2570

Background



This preview shows how black text looks on a background with the YIQ color 146.3940, 64.3210, 29.2570.



This preview shows how white text looks on a background with the YIQ color 146.3940, 64.3210,

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

146.3940, 64.3210, 29.2570

Protanopia

146.9680, 3.0260, 0.2260

Deuteranopia

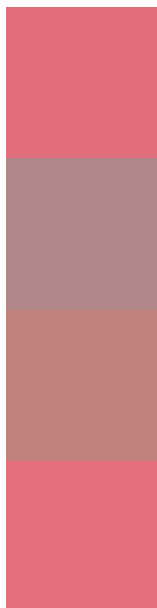
147.2770, 24.0250, -0.3830



Tritanopia

146.2970, 65.9720, 26.8680

Trichromacy



Original Color

146.3940, 64.3210, 29.2570

Protanomaly

146.9110, 25.5360, 10.7840

Deuteranomaly

147.0280, 38.3280, 10.2320

Tritanomaly

146.5250, 65.3300, 27.4900

Monochromacy



Original Color

146.3940, 64.3210, 29.2570

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

146.1280, 23.4270, 10.4590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.3940, 64.3210, 29.2570 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(226, 110, 125)` looks like.

```
.text, #text, p{  
    color:rgb(226, 110, 125)  
}
```

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(226, 110, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 110, 125) }
```

Border

The CSS property to change the border of an element to YIQ 146.3940, 64.3210, 29.2570 is called "border". The border property can be set on classes, ids or directly on the HTML element.

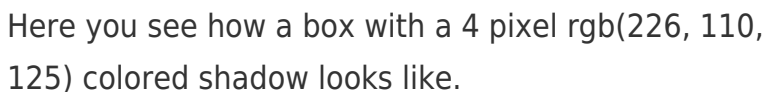
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 110, 125) }
```


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

```
.border{ border-color:rgb(226, 110, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(226, 110, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 110, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 110, 125); box-shadow:4px 4px 4px 4px rgb(226, 110, 125) }
```

Background

The CSS property to change the background color of an element to YIQ 146.3940, 64.3210, 29.2570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 110, 125) }
```

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

```
.background{ background-color: rgb(226,  
110, 125) }
```

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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