

# Converting Colors

YIQ(146.4720, 47.6270, 56.4830)

Have a look what the booklet for  
YIQ(146.4720, 47.6270, 56.4830)  
contains.

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# Color

**YIQ(146.4720, 47.6270,  
56.4830)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E361BE
RGB	227, 97, 190
RGB Percent	89%, 38%, 75%
CMY	0.1094, 0.6198, 0.2548
CMYK	0.00, 0.57, 0.16, 0.11
HSL	317°, 70%, 64%
HSV	317°, 57%, 89%
XYZ	45.2753, 28.6045, 51.8672
YIQ	146.4720, 47.6270, 56.4830

# Conversions

## Conversions Part 2

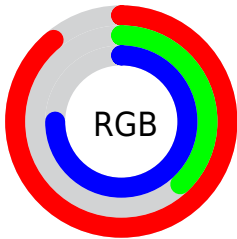
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	227, 97, 190
Decimal	14901694
CIE Lab	60.43, 61.05, -24.42
CIE LCh	60, 65.750, 338.198
Yxy	28.6045, 0.3601, 0.2275
Android (android.graphics.Color)	4293091774 (0xFFE361BE)
YUV	146.4720, 21.4593, 70.6231
Hunter-Lab	53.4832, 57.5108, -20.0604

# Details

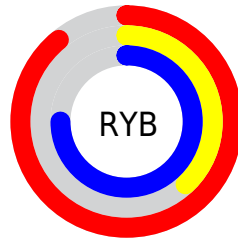
The YIQ color **146.4720, 47.6270, 56.4830** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **177.5280, -47.6270, -56.4830**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **194.1000, 30.9390, 50.5470**, and **87.7540, 46.8930, 58.7730** is the 20% darker color. If you saturate the color by 10%, you get **132.2870, 55.8780, 66.6460**, and if you desaturate by 10%, it is **160.6570, 39.3760, 46.3200**.

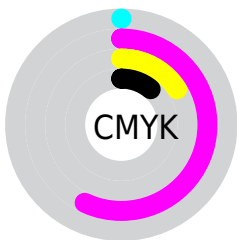
# Distribution



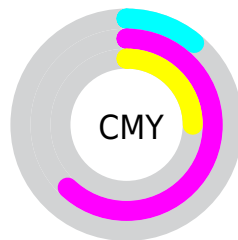
- Red (89%)
- Green (38%)
- Blue (75%)



- Red (89%)
- Yellow (38%)
- Blue (75%)



- Cyan (0%)
- Magenta (57%)
- Yellow (16%)
- Black (11%)



- Cyan (11%)
- Magenta (62%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 146.4720, 47.6270, 56.4830 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 146.4720, 47.6270, 56.4830 by changing the saturation by 10% instead.



146.4720, 47.6270,  
56.4830

146.4720, 47.6270,  
56.4830

255.0000, -0.0000,  
-0.0000

117.7000, 46.9850,  
57.1050

194.2140, 30.6180,  
50.8580

87.7540, 46.8930,  
58.7730

211.5620, 20.3500,  
38.7020

54.5140, 47.8090,  
64.2010

228.5850, 12.3750,  
23.5350

43.2920, 39.1460,  
50.4900

246.1950, 4.1250,  
7.8450

32.5970, 30.4370,  
37.6130

22.6140, 22.5990,  
25.4710

11.0220, 12.1020,

11.9580

■ 0.0000, 0.0000,  
0.0000

■ 146.4720, 47.6270,  
56.4830

■ 146.4720, 47.6270,  
56.4830

■ 132.2870, 55.8780,  
66.6460

■ 160.6570, 39.3760,  
46.3200

■ 118.5750, 64.1750,  
75.9750

■ 174.3690, 31.0790,  
36.9910

■ 104.3900, 72.4260,  
86.1380

■ 188.5540, 22.8280,  
26.8280

■ 90.0910, 80.9980,  
95.9900

■ 202.8530, 14.2560,  
16.9760

■ 86.3410, 83.2900,  
98.5060

■ 216.4510, 6.2800,  
7.3360

■ 230.7500, -2.2920,  
-2.5160

■ 244.3480,  
-10.2680, -12.1560

■ 245.1460,  
-12.5150, -9.9790

■ 245.8300,  
-14.4410, -8.1130

# Harmonies

## Analogous

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



149.5650, -10.0950, 45.3050



146.4720, 47.6270, 56.4830



140.5680, 82.1070, 48.3390

# Triad

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



146.4720, 47.6270, 56.4830



134.4170, 54.0640, -43.6960



125.0010, -116.3610, -22.2570

# Complementary

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



146.4720, 47.6270, 56.4830



177.5280, -47.6270, -56.4830

# 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.



119.9050, -99.2560, -40.4080



146.4720, 47.6270, 56.4830



129.2270, -1.1830, -50.1670

# Square

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



146.4720, 47.6270, 56.4830



139.9330, 80.0550, -13.6170



111.1900, -78.8500, -57.8100



124.5230, -126.0380, -6.5660



# Rectangle

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



146.4720, 47.6270, 56.4830



140.1490, 89.9960, 32.0120



111.1900, -78.8500, -57.8100



123.6500, -111.1790, -28.0670

# Sweetspot

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



146.4720, 47.6270, 56.4830



228.3910, 15.6770, 18.7570



122.8830, -19.6780, 48.2740



111.8260, 9.7180, 11.1100



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.



146.4720, 47.6270, 56.4830



145.9880, 64.4500, 76.4980



139.0620, 68.4920, 36.2680



107.5000, 4.5840, 5.0320



68.1130, 65.5960, 77.7560



19.3530, 18.8400, 22.0080



# Inverse Universe

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



146.4720, 47.6270, 56.4830



145.9880, 64.4500, 76.4980



184.9380, -68.4920, -36.2680



107.5000, 4.5840, 5.0320



68.1130, 65.5960, 77.7560



19.3530, 18.8400, 22.0080



# Previews

## White Background



This preview shows how the YIQ color 146.4720, 47.6270, 56.4830 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

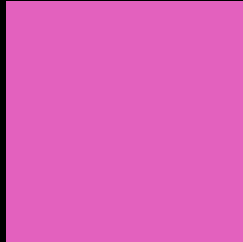
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 146.4720, 47.6270, 56.4830 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

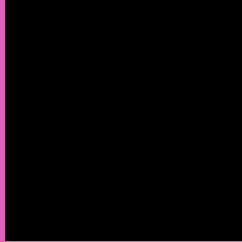
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 146.4720, 47.6270, 56.4830

## Background



This preview shows how black text looks on a background with the YIQ color 146.4720, 47.6270, 56.4830.



This preview shows how white text looks on a background with the YIQ color 146.4720, 47.6270,



# 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

146.4720, 47.6270, 56.4830

### Protanopia

144.3890, -42.7350, 20.0890

### Deuteranopia

147.2610, -13.4360, 12.2280



## Tritanopia

145.9050, 61.2040, 25.1720

# Trichromacy



## Original Color

146.4720, 47.6270, 56.4830



## Protanomaly

144.8880, -10.0470, 33.4170



## Deuteranomaly

146.8930, 8.7520, 28.6240



## Tritanomaly

146.1300, 56.6170, 36.7210

# Monochromacy



## Original Color

146.4720, 47.6270, 56.4830



## Achromatopsia

146.0000, -0.0000, -0.0000



## Achromatomaly

145.9290, 17.0980, 20.5380

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 146.4720, 47.6270, 56.4830 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(227, 97, 190)` looks like.

```
.text, #text, p{  
    color:rgb(227, 97, 190)  
}
```

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(227, 97, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 97, 190) }
```

## Border

The CSS property to change the border of an element to YIQ 146.4720, 47.6270, 56.4830 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(227, 97, 190) }
```



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

```
.border{ border-color:rgb(227, 97, 190) }
```

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

Here you see how a box with a 4 pixel rgb(227, 97, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 97, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 97, 190);  
box-shadow:4px 4px 4px 4px rgb(227, 97,  
190) }
```

# Background

The CSS property to change the background color of an element to YIQ 146.4720, 47.6270, 56.4830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 97, 190) }
```

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

```
.background{ background-color: rgb(227, 97,  
190) }
```

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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