

Converting Colors

YIQ(141.8100, 69.6820, 47.7460)

Have a look what the booklet for
YIQ(141.8100, 69.6820, 47.7460)
contains.

YIQ(141.8100, 69.6820, 47.7460)	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(141.8100, 69.6820,
47.7460)**

Conversions

Conversions Part 1

Format	Color
Hex	EE5C92
RGB	238, 92, 146
RGB Percent	93%, 36%, 57%
CMY	0.0663, 0.6394, 0.4272
CMYK	0.00, 0.61, 0.39, 0.07
HSL	338°, 81%, 65%
HSV	338°, 61%, 93%
XYZ	44.3073, 27.9148, 30.2714
YIQ	141.8100, 69.6820, 47.7460

Conversions

Conversions Part 2

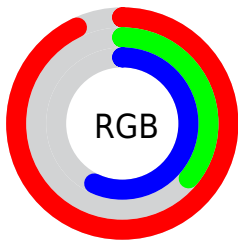
Format	Color
R _Y B	238, 92, 146
Decimal	15621266
CIE Lab	59.81, 60.91, 0.18
CIE LCh	60, 60.914, 0.166
Yxy	27.9148, 0.4323, 0.2724
Android (android.graphics.Color)	4293811346 (0xFFEE5C92)
YUV	141.8100, 2.0657, 84.3586
Hunter-Lab	52.8345, 57.2308, 3.0141

Details

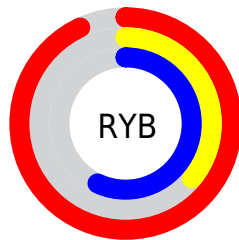
The YIQ color **141.8100, 69.6820, 47.7460** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **188.1900, -69.6820, -47.7460**, and the grayscale version is **142.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **186.5080, 46.8050, 38.3330**, and **81.1890, 67.2970, 52.4250** is the 20% darker color. If you saturate the color by 10%, you get **126.0120, 81.0970, 55.6330**, and if you desaturate by 10%, it is **157.6080, 58.2670, 39.8590**.

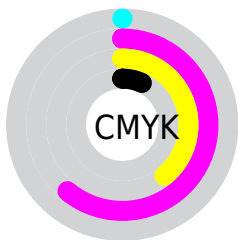
Distribution



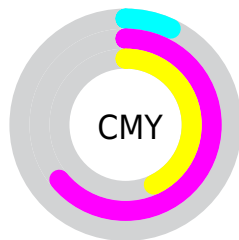
- Red (93%)
- Green (36%)
- Blue (57%)



- Red (93%)
- Yellow (36%)
- Blue (57%)



- Cyan (0%)
- Magenta (61%)
- Yellow (39%)
- Black (7%)





- Cyan (7%)
- Magenta (64%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 141.8100, 69.6820, 47.7460 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 141.8100, 69.6820, 47.7460 by changing the saturation by 10% instead.


 141.8100, 69.6820,
47.7460


 141.8100, 69.6820,
47.7460


255.0000, -0.0000,
-0.0000


 112.8530, 68.1230,
48.4670


 185.9210, 47.0800,
38.8560

 81.1890, 67.2970,
52.4250


 206.1360, 30.1170,
32.3970


 52.4600, 65.0960,
53.7680

 226.2370, 13.4750,
25.6270

 41.2810, 54.8740,
40.7780

 243.2600, 5.5000,
10.4600

 30.2160, 44.3310,
28.0990

 19.7770, 37.7770,
14.7130

 9.3830, 18.1550,

6.8830

■ 0.0000, 0.0000,
0.0000

■ 141.8100, 69.6820,
47.7460

■ 141.8100, 69.6820,
47.7460

■ 126.0120, 81.0970,
55.6330

■ 157.6080, 58.2670,
39.8590

■ 110.2140, 92.5120,
63.5200

■ 173.4060, 46.8520,
31.9720

■ 95.0030, 103.6520,
70.8840

■ 188.6170, 35.7120,
24.6080

■ 81.1940, 113.6000,
77.8240

■ 204.4150, 24.2970,
16.7210

■ 220.2130, 12.8820,
8.8340

■ 236.0110, 1.4670,
0.9470

■ 249.4610, -8.8480,
-4.8480

■ 249.9170,
-10.1320, -3.6040

Harmonies

Analogous

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



147.2850, 31.8560, 50.4480



141.8100, 69.6820, 47.7460



140.1650, 83.8990, 26.8670

Triad

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



141.8100, 69.6820, 47.7460



131.8160, 13.3960, -44.5560



122.6990, -120.9020, -11.5420

Complementary

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



141.8100, 69.6820, 47.7460



188.1900, -69.6820, -47.7460

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.



121.6610, -109.7120, -27.1200



141.8100, 69.6820, 47.7460



113.7640, -59.9150, -54.0510

Square

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



141.8100, 69.6820, 47.7460



136.6490, 56.7670, -32.1050



115.5050, -92.3780, -43.9140



116.7780, -122.1420, -0.0780

Rectangle

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



141.8100, 69.6820, 47.7460



140.0760, 81.9310, 7.4590



115.5050, -92.3780, -43.9140



123.2060, -118.1960, -16.5320

Sweetspot

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



141.8100, 69.6820, 47.7460



224.6920, 21.9590, 15.0390



135.5540, 6.7740, 64.4860



108.9250, 13.7530, 9.5690



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.



141.8100, 69.6820, 47.7460



130.4910, 90.1740, 61.8380



145.6330, 82.3410, 22.0610



112.0440, 5.8680, 3.7880



62.7680, 87.8360, 60.1560



19.1380, 26.6350, 18.4030

Inverse Universe

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



141.8100, 69.6820, 47.7460



130.4910, 90.1740, 61.8380



184.3670, -82.3410, -22.0610



112.0440, 5.8680, 3.7880



62.7680, 87.8360, 60.1560



19.1380, 26.6350, 18.4030

Previews

White Background



This preview shows how the YIQ color 141.8100, 69.6820, 47.7460 looks on a white background.

Color Contrast Check

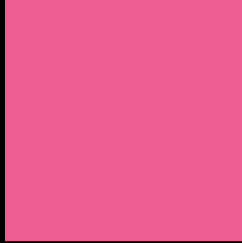
Large Text (above 18pt) WCAG AA ✓ Pass

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 141.8100, 69.6820, 47.7460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

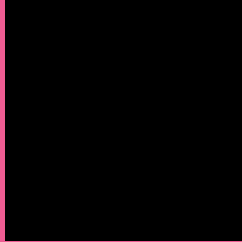
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 141.8100, 69.6820, 47.7460

Background



This preview shows how black text looks on a background with the YIQ color 141.8100, 69.6820, 47.7460.



This preview shows how white text looks on a background with the YIQ color 141.8100, 69.6820,

47.7460.

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

141.8100, 69.6820, 47.7460

Protanopia

145.1960, -14.8110, 9.6130

Deuteranopia

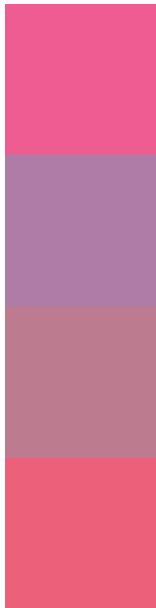
145.8660, 12.2410, 3.9290



Tritanopia

141.1630, 78.2130, 30.7970

Trichromacy



Original Color

141.8100, 69.6820, 47.7460

Protanomaly

143.7380, 16.3180, 23.6620

Deuteranomaly

144.6010, 32.6410, 19.6890

Tritanomaly

141.2970, 75.1400, 36.9320

Monochromacy



Original Color

141.8100, 69.6820, 47.7460

Achromatopsia

142.0000, -0.0000, -0.0000

Achromatomaly

142.0130, 25.4890, 17.1450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 141.8100, 69.6820, 47.7460 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(238, 92, 146)` looks like.

```
.text, #text, p{  
    color:rgb(238, 92, 146)  
}
```

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(238, 92, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 92, 146) }
```

Border

The CSS property to change the border of an element to YIQ 141.8100, 69.6820, 47.7460 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(238, 92, 146) }
```


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

```
.border{ border-color:rgb(238, 92, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 92, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 92, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 92, 146);  
box-shadow:4px 4px 4px 4px rgb(238, 92,  
146) }
```

Background

The CSS property to change the background color of an element to YIQ 141.8100, 69.6820, 47.7460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 92, 146) }
```

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

```
.background{ background-color: rgb(238, 92,  
146) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor