

Converting Colors

YIQ(148.9290, 61.7970, 41.9650)

Have a look what the booklet for
YIQ(148.9290, 61.7970, 41.9650)
contains.

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Color

**YIQ(148.9290, 61.7970,
41.9650)**

Conversions

Conversions Part 1

Format	Color
Hex	EA6998
RGB	234, 105, 152
RGB Percent	92%, 41%, 60%
CMY	0.0820, 0.5884, 0.4037
CMYK	0.00, 0.55, 0.35, 0.08
HSL	338°, 76%, 66%
HSV	338°, 55%, 92%
XYZ	44.6778, 29.8678, 33.1389
YIQ	148.9290, 61.7970, 41.9650

Conversions

Conversions Part 2

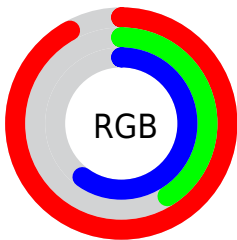
Format	Color
RYB	234, 105, 152
Decimal	15362456
CIELab	61.54, 54.54, -0.84
CIELCh	62, 54.548, 359.116
Yxy	29.8678, 0.4149, 0.2774
Android (android.graphics.Color)	4293552536 (0xFFEA6998)
YUV	148.9290, 1.5140, 74.6073
Hunter-Lab	54.6515, 50.2844, 2.3044

Details

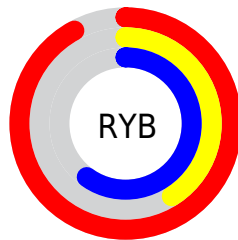
The YIQ color **148.9290, 61.7970, 41.9650** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **190.0710, -61.7970, -41.9650**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **193.6490, 41.8540, 34.4460**, and **92.6020, 58.4040, 42.8840** is the 20% darker color. If you saturate the color by 10%, you get **133.7180, 72.9370, 49.3290**, and if you desaturate by 10%, it is **164.1400, 50.6570, 34.6010**.

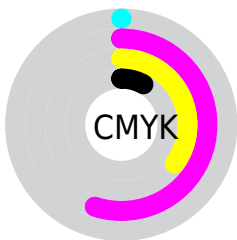
Distribution



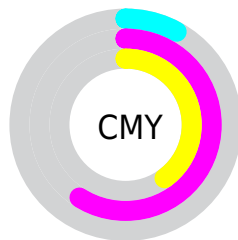
- Red (92%)
- Green (41%)
- Blue (60%)



- Red (92%)
- Yellow (41%)
- Blue (60%)



- Cyan (0%)
- Magenta (55%)
- Yellow (35%)
- Black (8%)




- Cyan (8%)
- Magenta (59%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 148.9290, 61.7970, 41.9650 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 148.9290, 61.7970, 41.9650 by changing the saturation by 10% instead.


 148.9290, 61.7970,
41.9650


 148.9290, 61.7970,
41.9650


255.0000, -0.0000,
-0.0000

 120.5590, 59.9630,
42.1630


 193.6490, 41.8540,
34.4460

 92.6020, 58.4040,
42.8840


 213.8640, 24.8910,
27.9870


 59.4760, 58.9990,
48.6230

 232.6940, 10.4500,
19.8740

 41.2530, 52.0770,
41.9090

 250.3040, 2.2000,
4.1840

 30.4870, 42.1300,
29.4420

 19.9770, 34.3380,
16.4660

 9.6820, 18.7510,

7.0950

■ 0.0000, 0.0000,
0.0000

■ 148.9290, 61.7970,
41.9650

■ 148.9290, 61.7970,
41.9650

■ 133.7180, 72.9370,
49.3290

■ 164.1400, 50.6570,
34.6010

■ 117.9200, 84.3520,
57.2160

■ 179.9380, 39.2420,
26.7140

■ 102.7090, 95.4920,
64.5800

■ 195.1490, 28.1020,
19.3500

■ 87.0250, 106.5860,
72.7780

■ 210.9470, 16.6870,
11.4630

■ 79.6560, 112.1790,
76.0430

■ 226.0440, 5.8680,
3.7880

■ 241.2550, -5.2720,
-3.5760

■ 248.7210,
-12.5160, -4.4520

Harmonies

Analogous

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



152.9590, 26.7220, 44.3700



148.9290, 61.7970, 41.9650



146.6910, 76.4260, 24.6340

Triad

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



148.9290, 61.7970, 41.9650



138.9180, 13.3490, -38.1950



123.7760, -119.8010, -14.9770

Complementary

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



148.9290, 61.7970, 41.9650



190.0710, -61.7970, -41.9650

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.



123.0800, -109.5740, -29.6220



148.9290, 61.7970, 41.9650



127.6140, -41.5770, -44.9770

Square

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



148.9290, 61.7970, 41.9650



143.4560, 50.3010, -25.0510



117.6080, -94.1660, -44.5500



119.5240, -118.6110, -3.4990

Rectangle

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



148.9290, 61.7970, 41.9650



146.4820, 74.9160, 7.9400



117.6080, -94.1660, -44.5500



124.3970, -117.4160, -19.6560

Sweetspot

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



148.9290, 61.7970, 41.9650



226.5670, 20.8130, 13.7810



144.2240, 7.4630, 57.5030



110.8000, 12.6070, 8.3110



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.



148.9290, 61.7970, 41.9650



144.1860, 80.5470, 54.5870



153.5500, 72.2090, 18.4570



109.7450, 5.2720, 3.5760



61.6430, 86.6900, 58.8980



18.4260, 25.7640, 17.6680

Inverse Universe

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



148.9290, 61.7970, 41.9650



144.1860, 80.5470, 54.5870



185.4500, -72.2090, -18.4570



109.7450, 5.2720, 3.5760



61.6430, 86.6900, 58.8980



18.4260, 25.7640, 17.6680

Previews

White Background



This preview shows how the YIQ color 148.9290, 61.7970, 41.9650 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 148.9290, 61.7970, 41.9650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

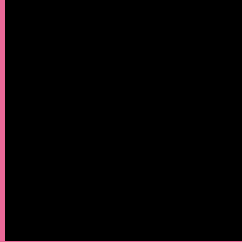
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 148.9290, 61.7970, 41.9650

Background



This preview shows how black text looks on a background with the YIQ color 148.9290, 61.7970, 41.9650.



This preview shows how white text looks on a background with the YIQ color 148.9290, 61.7970,

41.9650.

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

148.9290, 61.7970, 41.9650

Protanopia

149.9250, -12.6100, 8.2700

Deuteranopia

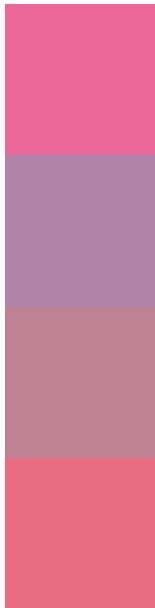
150.5070, 11.8740, 5.0740



Tritanopia

147.7920, 68.9520, 27.9280

Trichromacy



Original Color

148.9290, 61.7970, 41.9650

Protanomaly

149.3740, 14.3470, 20.8350

Deuteranomaly

149.9920, 29.9820, 18.3180

Tritanomaly

148.2850, 66.2460, 32.9180

Monochromacy



Original Color

148.9290, 61.7970, 41.9650

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

148.9910, 22.5550, 15.2510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.9290, 61.7970, 41.9650 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(234, 105, 152)` looks like.

```
.text, #text, p{  
    color:rgb(234, 105, 152)  
}
```

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(234, 105, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 105, 152) }
```

Border

The CSS property to change the border of an element to YIQ 148.9290, 61.7970, 41.9650 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(234, 105, 152) }
```


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

```
.border{ border-color:rgb(234, 105, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 105, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 105, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 105, 152);  
box-shadow:4px 4px 4px 4px rgb(234, 105,  
152) }
```

Background

The CSS property to change the background color of an element to YIQ 148.9290, 61.7970, 41.9650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 105, 152) }
```

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

```
.background{ background-color: rgb(234,  
105, 152) }
```

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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