

Converting Colors

YIQ(146.7310, 62.8950, 55.1110)

Have a look what the booklet for
YIQ(146.7310, 62.8950, 55.1110)
contains.

YIQ(146.7310, 62.8950, 55.1110)	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(146.7310, 62.8950,
55.1110)**

Conversions

Conversions Part 1

Format	Color
Hex	F15EAB
RGB	241, 94, 171
RGB Percent	95%, 37%, 67%
CMY	0.0545, 0.6316, 0.3292
CMYK	0.00, 0.61, 0.29, 0.05
HSL	329°, 84%, 66%
HSV	329°, 61%, 95%
XYZ	47.6628, 29.6552, 41.7642
YIQ	146.7310, 62.8950, 55.1110

Conversions

Conversions Part 2

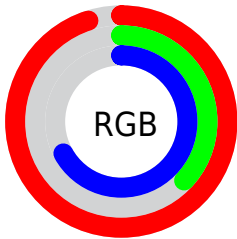
Format	Color
R_{YB}	241, 94, 171
Decimal	15818411
CIE _{Lab}	61.36, 63.81, -11.94
CIE _{LCh}	61, 64.917, 349.398
Yxy	29.6552, 0.4003, 0.2490
Android (android.graphics.Color)	4294008491 (0xFFFF15EAB)
YUV	146.7310, 11.9646, 82.6739
Hunter-Lab	54.4566, 60.9320, -7.3515

Details

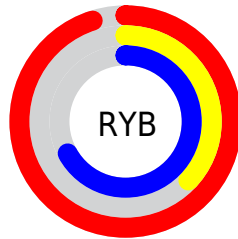
The YIQ color **146.7310, 62.8950, 55.1110** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **188.2690, -62.8950, -55.1110**, and the grayscale version is **147.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **190.6460, 37.9090, 45.3730**, and **85.2950, 61.4270, 59.6910** is the 20% darker color. If you saturate the color by 10%, you get **131.3890, 73.0260, 64.2420**, and if you desaturate by 10%, it is **162.1870, 52.4430, 46.2910**.

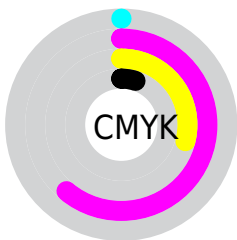
Distribution



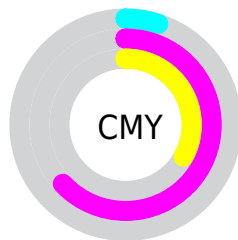
- Red (95%)
- Green (37%)
- Blue (67%)



- Red (95%)
- Yellow (37%)
- Blue (67%)



- Cyan (0%)
- Magenta (61%)
- Yellow (29%)
- Black (5%)





- Cyan (5%)
- Magenta (63%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 146.7310, 62.8950, 55.1110 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 146.7310, 62.8950, 55.1110 by changing the saturation by 10% instead.


 146.7310, 62.8950,
55.1110


 146.7310, 62.8950,
55.1110


255.0000, -0.0000,
-0.0000


 117.1870, 61.6110,
56.3550


 190.6460, 37.9090,
45.3730


 85.2950, 61.4270,
59.6910


 210.9750, 20.6250,
39.2250


 56.1640, 60.4180,
61.4580

 227.9980, 12.6500,
24.0580

 44.7570, 50.8380,
47.8460

 245.0210, 4.6750,
8.8910

 33.8770, 41.2120,
35.0680

 23.5240, 31.5400,
23.1240

 12.0740, 23.5190,

8.7910

■ 0.0000, 0.0000,
0.0000

■ 146.7310, 62.8950,
55.1110

■ 146.7310, 62.8950,
55.1110

■ 131.3890, 73.0260,
64.2420

■ 162.1870, 52.4430,
46.2910

■ 115.9330, 83.4780,
73.0620

■ 177.5290, 42.3120,
37.1600

■ 100.5910, 93.6090,
82.1930

■ 192.8710, 32.1810,
28.0290

■ 86.4230, 103.1900,
90.2780

■ 208.3270, 21.7290,
19.2090

■ 223.6690, 11.5980,
10.0780

■ 239.7120, 0.8710,
0.7350

■ 250.3580, -7.0600,
-4.2120

■ 250.8140, -8.3440,
-2.9680

Harmonies

Analogous

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



152.5310, 13.6080, 50.7600



146.7310, 62.8950, 55.1110



143.1090, 87.4730, 39.1930

Triad

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



146.7310, 62.8950, 55.1110



136.4840, 34.7620, -46.3100



127.0530, -122.1390, -16.6590

Complementary

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



146.7310, 62.8950, 55.1110



188.2690, -62.8950, -55.1110

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.



123.8150, -107.5100, -33.9900



146.7310, 62.8950, 55.1110



126.7000, -27.5000, -52.3000

Square

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



146.7310, 62.8950, 55.1110



140.8360, 72.5380, -26.0700



116.3880, -87.9750, -52.1270



123.5770, -126.1300, -4.8980

Rectangle

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



146.7310, 62.8950, 55.1110



143.1730, 89.4480, 19.9120



116.3880, -87.9750, -52.1270



126.6310, -118.1950, -22.0590

Sweetspot

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



146.7310, 62.8950, 55.1110



225.4900, 19.7120, 17.2160



131.3890, -6.0630, 60.3450



109.3810, 12.4690, 10.8130



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.



146.7310, 62.8950, 55.1110



135.6720, 79.7190, 69.5990



138.5230, 86.0070, 32.7190



112.2720, 5.2260, 4.4100



65.9600, 78.8480, 68.8640



20.0500, 24.0670, 20.8910

Inverse Universe

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



146.7310, 62.8950, 55.1110



135.6720, 79.7190, 69.5990



196.4770, -86.0070, -32.7190



112.2720, 5.2260, 4.4100



65.9600, 78.8480, 68.8640



20.0500, 24.0670, 20.8910

Previews

White Background



This preview shows how the YIQ color 146.7310, 62.8950, 55.1110 looks on a white background.

Color Contrast Check

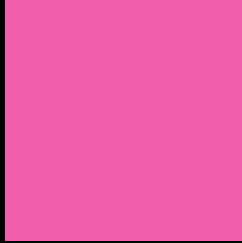
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.7310, 62.8950, 55.1110 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 146.7310, 62.8950, 55.1110

Background



This preview shows how black text looks on a background with the YIQ color 146.7310, 62.8950, 55.1110.



This preview shows how white text looks on a background with the YIQ color 146.7310, 62.8950,

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

146.7310, 62.8950, 55.1110

Protanopia

148.1700, -29.1170, 15.5790

Deuteranopia

149.7540, 1.0530, 8.4530



Tritanopia

146.3690, 74.6370, 29.5250

Trichromacy



Original Color

146.7310, 62.8950, 55.1110



Protanomaly

147.4950, 4.1210, 29.9530



Deuteranomaly

148.7990, 23.5160, 25.3720



Tritanomaly

146.4260, 70.4630, 39.0950

Monochromacy



Original Color

146.7310, 62.8950, 55.1110



Achromatopsia

147.0000, -0.0000, 0.0000



Achromatomaly

147.0390, 22.6000, 19.9440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.7310, 62.8950, 55.1110 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(241, 94, 171)` looks like.

```
.text, #text, p{  
    color:rgb(241, 94, 171)  
}
```

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(241, 94, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 94, 171) }
```

Border

The CSS property to change the border of an element to YIQ 146.7310, 62.8950, 55.1110 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(241, 94, 171) }
```


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

```
.border{ border-color:rgb(241, 94, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 94, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 94, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 94, 171);  
box-shadow:4px 4px 4px 4px rgb(241, 94,  
171) }
```

Background

The CSS property to change the background color of an element to YIQ 146.7310, 62.8950, 55.1110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 94, 171) }
```

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

```
.background{ background-color: rgb(241, 94,  
171) }
```

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