

Converting Colors

XYZ(61.4417, 43.2377, 65.4677)

Have a look what the booklet for
XYZ(61.4417, 43.2377, 65.4677)
contains.

XYZ(61.4126, 43.1914, 65.4216)	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

**XYZ(61.4126, 43.1914,
65.4216)**

Conversions

Conversions Part 1

Format	Color
Hex	FF87D1
RGB	255, 135, 209
RGB Percent	100%, 53%, 82%
CMY	0.0000, 0.4706, 0.1804
CMYK	0.00, 0.47, 0.18, 0.00
HSL	323°, 100%, 76%
HSV	323°, 47%, 100%
XYZ	61.4126, 43.1914, 65.4216
YIQ	179.3160, 47.7660, 48.4540

Conversions

Conversions Part 2

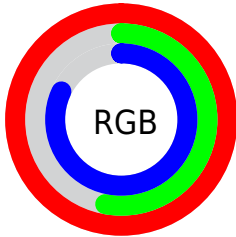
Format	Color
R _Y B	255, 135, 209
Decimal	16746449
CIE Lab	71.68, 54.31, -17.59
CIE LCh	72, 57.083, 342.058
Yxy	43.1914, 0.3612, 0.2540
Android (android.graphics.Color)	4294936529 (0xFFFF87D1)
YUV	179.3160, 14.6342, 66.3749
Hunter-Lab	65.7202, 51.7901, -13.0165

Details

The XYZ color **61.4126, 43.1914, 65.4216** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **54.0939, 80.0079, 56.3113**, and the grayscale version is **42.9240, 45.1594, 49.1786**.

A 20% lighter version of the original color is **77.9208, 65.7416, 103.1903**, and **31.4663, 19.8062, 32.7364** is the 20% darker color. If you saturate the color by 10%, you get **57.0979, 36.4397, 58.1944**, and if you desaturate by 10%, it is **66.6556, 51.6804, 73.3257**.

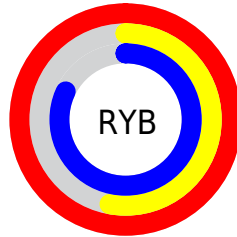
Distribution



Red (100%)

Green (53%)

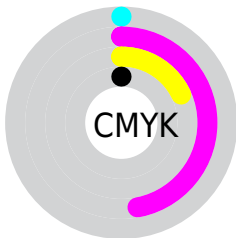
Blue (82%)



Red (100%)

Yellow (53%)

Blue (82%)

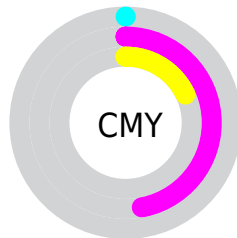


Cyan (0%)

Magenta (47%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (47%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.4126, 43.1914, 65.4216 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 XYZ color 61.4126, 43.1914, 65.4216 by changing the saturation by 10% instead.


 61.4126, 43.1914,
65.4216


 61.4126, 43.1914,
65.4216


419.5370,
359.3983, 462.6531


 44.8120, 30.0353,
47.3495

 105.9709, 79.9996,
114.2748

 31.5100, 19.8654,
32.9557


 134.6593,
104.4205, 145.8931

 21.1413, 12.2972,
21.8217


 168.1077,
133.3652, 182.8638

 13.3404, 6.9464,
13.5289

206.6814,
167.2180, 225.6055

 7.7419, 3.4286,
7.6587

250.7459,
206.3633, 274.5367

 3.9807, 1.3594,
3.7927

300.6664,

 1.6912, 0.1865,

251.1855, 330.0760

1.5123

356.8083,
302.0691, 392.6420

■ 0.4508, 0.0000,
0.2271

■ 0.0000, 0.0000,
0.0000

■ 61.4126, 43.1914,
65.4216

■ 61.4126, 43.1914,
65.4216

■ 57.0979, 36.4397,
58.1944

■ 66.6556, 51.6804,
73.3257

■ 53.6451, 31.2954,
51.6139

■ 72.8806, 62.0128,
81.9293

■ 50.9838, 27.6195,
45.6504

■ 80.1411, 74.2930,
91.2571

■ 49.0302, 25.2466,
40.2692

■ 88.4853, 88.6160,
101.3311

■ 47.6775, 23.9654, 95.0500, 100.0000,
35.4275 108.9000

■ 47.3469, 23.7027,
34.0883

Harmonies

Analogous

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



54.8154, 43.1914, 98.7044



61.4126, 43.1914, 65.4216



62.0614, 43.1914, 36.7548

Triad

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



61.4126, 43.1914, 65.4216



37.2879, 43.1914, 11.8012



28.7325, 43.1914, 92.4998

Complementary

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



61.4126, 43.1914, 65.4216



54.0939, 80.0079, 56.3113

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.



25.4163, 43.1914, 59.0569



61.4126, 43.1914, 65.4216



29.8101, 43.1914, 17.5280

Square

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



61.4126, 43.1914, 65.4216



47.0530, 43.1914, 12.3734



25.7770, 43.1914, 32.4523



35.5845, 43.1914, 118.0932

Rectangle

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



61.4126, 43.1914, 65.4216



58.9204, 43.1914, 24.0415



25.7770, 43.1914, 32.4523



27.2196, 43.1914, 81.3477

Sweetspot

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



61.4136, 43.1933, 65.4224



82.5741, 78.4494, 94.2557



45.7720, 34.3741, 98.8302



17.3043, 16.1591, 19.7199



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.4136, 43.1933, 65.4224



57.5118, 37.0747, 58.9267



55.3302, 40.7600, 33.3875



18.4802, 18.1754, 21.1461



24.8149, 12.4153, 18.2077



2.4695, 1.2302, 2.0539

Inverse Universe

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



61.4136, 43.1933, 65.4224



57.5118, 37.0747, 58.9267



61.6301, 83.0224, 95.9964



18.4802, 18.1754, 21.1461



24.8149, 12.4153, 18.2077



2.4695, 1.2302, 2.0539

Previews

White Background



This preview shows how the XYZ color 61.4126, 43.1914, 65.4216 looks on a white background.

Color Contrast Check

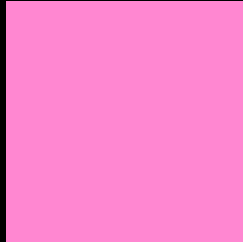
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 61.4126, 43.1914, 65.4216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

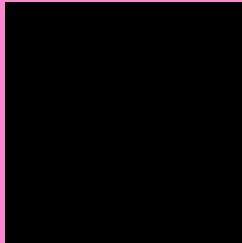
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.4126, 43.1914, 65.4216

Background



This preview shows how black text looks on a background with the XYZ color 61.4126, 43.1914, 65.4216.



This preview shows how white text looks on a background with the XYZ color 61.4126, 43.1914,

65.4216.

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

61.4126, 43.1914, 65.4216

Protanopia

44.3769, 43.5973, 85.4331

Deuteranopia

44.3544, 43.5201, 62.5624



Tritanopia

55.7890, 43.3161, 37.3187

Trichromacy



Original Color

61.4126, 43.1914, 65.4216



Protanomaly

48.2906, 41.9701, 77.5073



Deuteranomaly

49.1497, 42.4695, 63.3646



Tritanomaly

57.6544, 43.1760, 46.3694

Monochromacy



Original Color

61.4126, 43.1914, 65.4216



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

48.1236, 43.1775, 54.5129

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4126, 43.1914, 65.4216 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(255, 135, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 135, 209)  
}
```

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(255, 135, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 135, 209) }
```

Border

The CSS property to change the border of an element to XYZ 61.4126, 43.1914, 65.4216 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(255, 135, 209) }
```


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

```
.border{ border-color:rgb(255, 135, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 135, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 135, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 135, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 135,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4126, 43.1914, 65.4216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 135, 209) }
```

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

```
.background{ background-color: rgb(255,  
135, 209) }
```

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