

Converting Colors

XYZ(61.2592, 44.8544, 59.2979)

Have a look what the booklet for
XYZ(61.2592, 44.8544, 59.2979)
contains.

XYZ(61.2218, 44.7295, 59.4397)	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(61.2218, 44.7295,
59.4397)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8EC7
RGB	255, 142, 199
RGB Percent	100%, 56%, 78%
CMY	0.0000, 0.4431, 0.2196
CMYK	0.00, 0.44, 0.22, 0.00
HSL	330°, 100%, 78%
HSV	330°, 44%, 100%
XYZ	61.2218, 44.7295, 59.4397
YIQ	182.2850, 49.0510, 41.6830

Conversions

Conversions Part 2

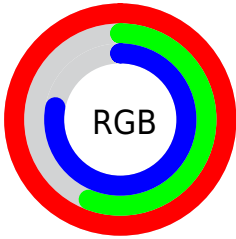
Format	Color
R_{YB}	255, 142, 199
Decimal	16748231
CIE _{Lab}	72.71, 49.42, -10.50
CIE _{LCh}	73, 50.528, 348.004
Yxy	44.7295, 0.3702, 0.2704
Android (android.graphics.Color)	4294938311 (0xFFFF8EC7)
YUV	182.2850, 8.2405, 63.7711
Hunter-Lab	66.8801, 46.3580, -5.8779

Details

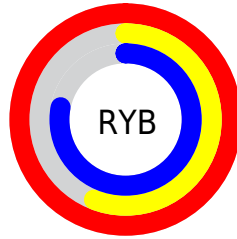
The XYZ color **61.2218, 44.7295, 59.4397** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **57.1102, 81.3489, 66.1215**, and the grayscale version is **44.5576, 46.8781, 51.0502**.

A 20% lighter version of the original color is **79.4841, 68.8682, 103.7114**, and **31.3655, 20.7595, 29.1419** is the 20% darker color. If you saturate the color by 10%, you get **56.4455, 37.4285, 50.9064**, and if you desaturate by 10%, it is **66.9898, 53.8187, 68.9058**.

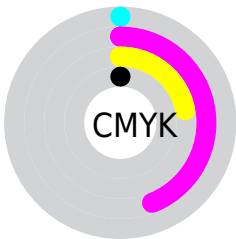
Distribution



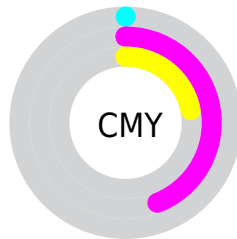
- Red (100%)
- Green (56%)
- Blue (78%)



- Red (100%)
- Yellow (56%)
- Blue (78%)



- Cyan (0%)
- Magenta (44%)
- Yellow (22%)
- Black (0%)





- Cyan (0%)
- Magenta (44%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.2218, 44.7295, 59.4397 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 61.2218, 44.7295, 59.4397 by changing the saturation by 10% instead.


 61.2218, 44.7295,
59.4397


 61.2218, 44.7295,
59.4397


418.8497,
365.6769, 440.2766

 44.6574, 31.2444,
42.5448


 105.6963, 82.3143,
105.5519

 31.3878, 20.7850,
29.1994


 134.3372,
107.1829, 135.6062

 21.0476, 12.9670,
18.9848

167.7342,
136.6147, 170.8842

 13.2715, 7.4058,
11.4826

206.2528,
170.9942, 211.8042

 7.6940, 3.7172,
6.2742

250.2583,
210.7058, 258.7850

 3.9499, 1.5166,
2.9410

300.1160,

 1.6739, 0.3004,

256.1339, 312.2449

1.0646

356.1914,
307.6628, 372.6026

■ 0.4398, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.2218, 44.7295,
59.4397

■ 61.2218, 44.7295,
59.4397

■ 56.4455, 37.4285,
50.9064

■ 66.9898, 53.8187,
68.9058

■ 52.5949, 31.7886,
43.2679

■ 73.8035, 64.7997,
79.3353

■ 49.6003, 27.6753,
36.4864

■ 81.7165, 77.7754,
90.7601

■ 47.3800, 24.9304,
30.5189

■ 90.7778, 92.8394,
103.2097

■ 45.8345, 23.3601,
25.3158

95.0500, 100.0000,
108.9000

■ 45.1774, 22.8350,
22.6641

Harmonies

Analogous

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



56.3094, 44.7295, 88.6611



61.2218, 44.7295, 59.4397



60.6407, 44.7295, 35.2562

Triad

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



61.2218, 44.7295, 59.4397



37.5150, 44.7295, 15.7108



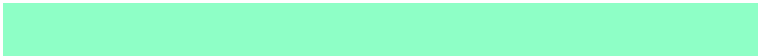
32.2054, 44.7295, 94.1011

Complementary

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



61.2218, 44.7295, 59.4397



57.1102, 81.3489, 66.1215

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.



28.4158, 44.7295, 65.1958



61.2218, 44.7295, 59.4397



31.1787, 44.7295, 23.0206

Square

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



61.2218, 44.7295, 59.4397



46.1141, 44.7295, 15.1031



28.0678, 44.7295, 39.3436



39.1064, 44.7295, 112.8142

Rectangle

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



61.2218, 44.7295, 59.4397



57.2247, 44.7295, 24.6195



28.0678, 44.7295, 39.3436



30.5689, 44.7295, 84.8754

Sweetspot

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



61.2229, 44.7315, 59.4406



82.8381, 79.6296, 92.3334



50.6506, 38.3871, 99.3476



17.3290, 16.3803, 19.1984



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.



61.2229, 44.7315, 59.4406



57.0177, 38.2886, 51.9735



55.9396, 42.6182, 31.6192



18.3916, 18.1400, 20.6795



23.6817, 11.9620, 12.2401



2.3610, 1.1868, 1.4822

Inverse Universe

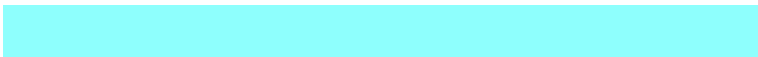
The Inverse Universe completely reimagines the original color for something new.



61.2229, 44.7315, 59.4406



57.0177, 38.2886, 51.9735



64.6647, 84.3707, 105.9031



18.3916, 18.1400, 20.6795



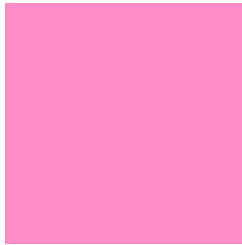
23.6817, 11.9620, 12.2401



2.3610, 1.1868, 1.4822

Previews

White Background



This preview shows how the XYZ color 61.2218, 44.7295, 59.4397 looks on a white background.

Color Contrast Check

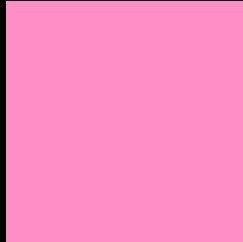
Large Text (above 18pt) WCAG AA × Fail

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 61.2218, 44.7295, 59.4397 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 61.2218, 44.7295, 59.4397

Background



This preview shows how black text looks on a background with the XYZ color 61.2218, 44.7295, 59.4397.



This preview shows how white text looks on a background with the XYZ color 61.2218, 44.7295,

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

61.2218, 44.7295, 59.4397

Protanopia

45.0554, 45.0430, 75.4267

Deuteranopia

45.8599, 44.9860, 57.3050



Tritanopia

56.8763, 44.5422, 38.8575

Trichromacy



Original Color

61.2218, 44.7295, 59.4397



Protanomaly

49.2325, 43.6853, 69.4556



Deuteranomaly

50.3247, 43.9723, 58.0597



Tritanomaly

58.0637, 44.3092, 45.5366

Monochromacy



Original Color

61.2218, 44.7295, 59.4397



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

49.1903, 44.8236, 53.6362

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2218, 44.7295, 59.4397 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, 142, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 142, 199)  
}
```

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, 142, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 142, 199) }
```

Border

The CSS property to change the border of an element to XYZ 61.2218, 44.7295, 59.4397 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, 142, 199) }
```


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

```
.border{ border-color:rgb(255, 142, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 142, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 142, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 142, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 142,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2218, 44.7295, 59.4397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 142, 199) }
```

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

```
.background{ background-color: rgb(255,  
142, 199) }
```

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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