

Converting Colors

XYZ(61.3623, 44.6684, 60.5413)

Have a look what the booklet for
XYZ(61.3623, 44.6684, 60.5413)
contains.

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Color

**XYZ(61.4556, 44.8230,
60.6710)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8EC9
RGB	255, 142, 201
RGB Percent	100%, 56%, 79%
CMY	0.0000, 0.4431, 0.2118
CMYK	0.00, 0.44, 0.21, 0.00
HSL	329°, 100%, 78%
HSV	329°, 44%, 100%
XYZ	61.4556, 44.8230, 60.6710
YIQ	182.5130, 48.4090, 42.3050

Conversions

Conversions Part 2

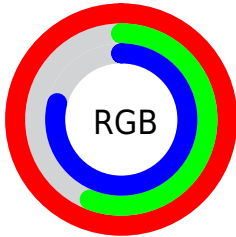
Format	Color
R_{YB}	255, 142, 201
Decimal	16748233
CIE _{Lab}	72.78, 49.71, -11.52
CIE _{LCh}	73, 51.024, 346.955
Yxy	44.8230, 0.3681, 0.2685
Android (android.graphics.Color)	4294938313 (0xFFFF8EC9)
YUV	182.5130, 9.1141, 63.5711
Hunter-Lab	66.9500, 46.6886, -6.8644

Details

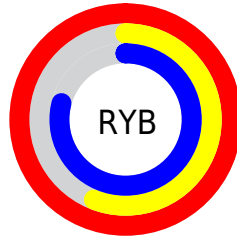
The XYZ color **61.4556, 44.8230, 60.6710** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **56.8809, 81.2571, 64.9142**, and the grayscale version is **44.6776, 47.0043, 51.1877**.

A 20% lighter version of the original color is **79.4841, 68.8682, 103.7114**, and **31.5211, 20.8218, 29.9614** is the 20% darker color. If you saturate the color by 10%, you get **56.7091, 37.5340, 52.2945**, and if you desaturate by 10%, it is **67.1857, 53.8970, 69.9376**.

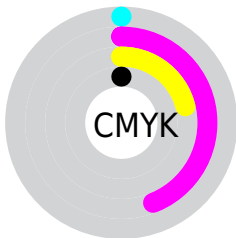
Distribution



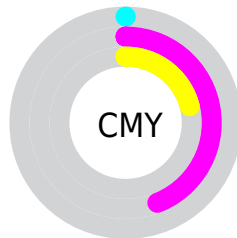
- Red (100%)
- Green (56%)
- Blue (79%)



- Red (100%)
- Yellow (56%)
- Blue (79%)



- Cyan (0%)
- Magenta (44%)
- Yellow (21%)
- Black (0%)





- Cyan (0%)
- Magenta (44%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.4556, 44.8230, 60.6710 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 61.4556, 44.8230, 60.6710 by changing the saturation by 10% instead.


 61.4556, 44.8230,
60.6710


 61.4556, 44.8230,
60.6710


419.6918,
366.0562, 444.9398

 44.8469, 31.3180,
43.5309


 106.0327, 82.4547,
107.3553

 31.5376, 20.8411,
29.9674


 134.7318,
107.3503, 137.7366

 21.1624, 13.0079,
19.5620


168.1918,
136.8115, 173.3686

 13.3559, 7.4340,
11.8962

206.7780,
171.2228, 214.6700

 7.7528, 3.7350,
6.5513

250.8557,
210.9685, 262.0593

 3.9876, 1.5264,
3.1090

300.7903,

 1.6951, 0.3072,

256.4330, 315.9550

1.1505

356.9472,
308.0008, 376.7756

■ 0.4532, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.4556, 44.8230,
60.6710

■ 61.4556, 44.8230,
60.6710

■ 56.7091, 37.5340,
52.2945

■ 67.1857, 53.8970,
69.9376

■ 52.8804, 31.9028,
44.7717

■ 73.9531, 64.8595,
80.1230

■ 49.9003, 27.7953,
38.0665

■ 81.8110, 77.8131,
91.2579

■ 47.6875, 25.0534,
32.1380

■ 90.8082, 92.8515,
103.3701

■ 46.1427, 23.4834,
26.9385

95.0500, 100.0000,
108.9000

■ 45.4831, 22.9572,
24.2738

Harmonies

Analogous

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



56.3110, 44.8230, 90.2751



61.4556, 44.8230, 60.6710



61.0722, 44.8230, 35.9099

Triad

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



61.4556, 44.8230, 60.6710



37.8237, 44.8230, 15.4225



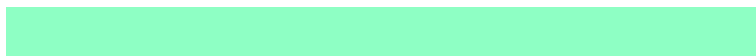
31.9969, 44.8230, 93.8703

Complementary

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



61.4556, 44.8230, 60.6710



56.8809, 81.2571, 64.9142

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.



28.2921, 44.8230, 64.4668



61.4556, 44.8230, 60.6710



31.3223, 44.8230, 22.4952

Square

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



61.4556, 44.8230, 60.6710



46.5666, 44.8230, 15.0261



28.0636, 44.8230, 38.5961



38.8708, 44.8230, 113.4664

Rectangle

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



61.4556, 44.8230, 60.6710



57.7243, 44.8230, 24.9495



28.0636, 44.8230, 38.5961



30.3838, 44.8230, 84.4211

Sweetspot

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



61.4567, 44.8250, 60.6719



82.9248, 79.6642, 92.7897



50.1617, 38.1350, 99.3247



17.3504, 16.3889, 19.3109



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.



61.4567, 44.8250, 60.6719



57.2779, 38.3927, 53.3435



56.0846, 42.6762, 32.3830



18.4055, 18.1455, 20.7526



23.8419, 12.0261, 13.0838



2.3766, 1.1930, 1.5648

Inverse Universe

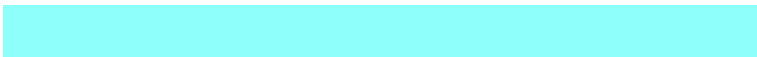
The Inverse Universe completely reimagines the original color for something new.



61.4567, 44.8250, 60.6719



57.2779, 38.3927, 53.3435



64.3659, 84.2511, 104.3296



18.4055, 18.1455, 20.7526



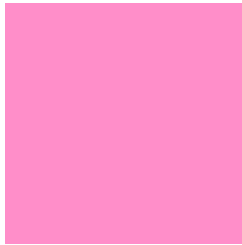
23.8419, 12.0261, 13.0838



2.3766, 1.1930, 1.5648

Previews

White Background



This preview shows how the XYZ color 61.4556, 44.8230, 60.6710 looks on a white background.

Color Contrast Check

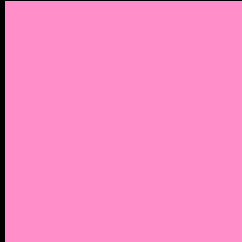
Large Text (above 18pt) WCAG AA × Fail

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 61.4556, 44.8230, 60.6710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

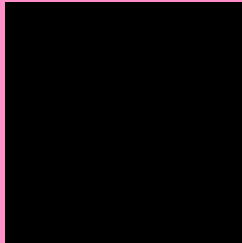
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.4556, 44.8230, 60.6710

Background



This preview shows how black text looks on a background with the XYZ color 61.4556, 44.8230, 60.6710.



This preview shows how white text looks on a background with the XYZ color 61.4556, 44.8230,

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

61.4556, 44.8230, 60.6710

Protanopia

45.3251, 45.1509, 76.8471

Deuteranopia

45.9726, 45.0311, 57.8986



Tritanopia

57.1230, 44.8951, 39.3731

Trichromacy



Original Color

61.4556, 44.8230, 60.6710



Protanomaly

49.4895, 43.7881, 70.8093



Deuteranomaly

50.4389, 44.0180, 58.6612



Tritanomaly

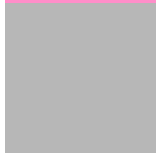
58.4151, 44.6975, 46.6230

Monochromacy



Original Color

61.4556, 44.8230, 60.6710



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

49.5914, 45.2783, 54.8410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4556, 44.8230, 60.6710 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, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 142, 201)  
}
```

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, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 142, 201) }
```

Border

The CSS property to change the border of an element to XYZ 61.4556, 44.8230, 60.6710 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, 201) }
```


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

```
.border{ border-color:rgb(255, 142, 201) }
```

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, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 142, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 142, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 142,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4556, 44.8230, 60.6710 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, 201) }
```

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

```
.background{ background-color: rgb(255,  
142, 201) }
```

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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