

Converting Colors

XYZ(61.3986, 44.5888, 61.0226)

Have a look what the booklet for
XYZ(61.3986, 44.5888, 61.0226)
contains.

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Color

**XYZ(61.4255, 44.5740,
61.2433)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8DCA
RGB	255, 141, 202
RGB Percent	100%, 55%, 79%
CMY	0.0000, 0.4470, 0.2078
CMYK	0.00, 0.45, 0.21, 0.00
HSL	328°, 100%, 78%
HSV	328°, 45%, 100%
XYZ	61.4255, 44.5740, 61.2433
YIQ	182.0400, 48.3630, 43.1390

Conversions

Conversions Part 2

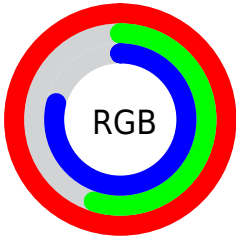
Format	Color
R _{YB}	255, 141, 202
Decimal	16747978
CIE _{Lab}	72.61, 50.35, -12.32
CIE _{LCh}	73, 51.831, 346.253
Yxy	44.5740, 0.3673, 0.2665
Android (android.graphics.Color)	4294938058 (0xFFFF8DCA)
YUV	182.0400, 9.8403, 63.9859
Hunter-Lab	66.7638, 47.3910, -7.6529

Details

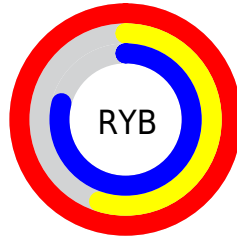
The XYZ color **61.4255, 44.5740, 61.2433** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **56.4839, 81.0786, 63.7151**, and the grayscale version is **44.4161, 46.7292, 50.8881**.

A 20% lighter version of the original color is **79.2563, 68.4125, 103.6354**, and **31.5184, 20.6903, 30.3494** is the 20% darker color. If you saturate the color by 10%, you get **56.7388, 37.3614, 53.0194**, and if you desaturate by 10%, it is **67.0878, 53.5648, 70.3255**.

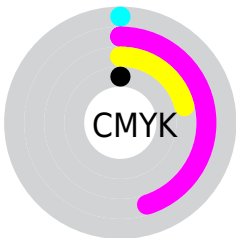
Distribution



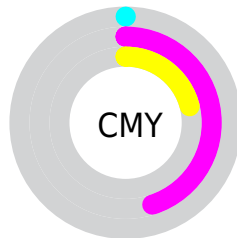
- Red (100%)
- Green (55%)
- Blue (79%)



- Red (100%)
- Yellow (55%)
- Blue (79%)



- Cyan (0%)
- Magenta (45%)
- Yellow (21%)
- Black (0%)



- Cyan (0%)
- Magenta (45%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.4255, 44.5740, 61.2433 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 61.4255, 44.5740, 61.2433 by changing the saturation by 10% instead.


 61.4255, 44.5740,
61.2433


 61.4255, 44.5740,
61.2433


419.5834,
365.0455, 447.0967

 44.8225, 31.1220,
43.9897

 105.9894, 82.0808,
108.1921

 31.5183, 20.6918,
30.3253


 134.6810,
106.9044, 138.7244

 21.1476, 12.8989,
19.8315


168.1329,
136.2873, 174.5200

 13.3450, 7.3590,
12.0897

206.7104,
170.6139, 215.9975

 7.7452, 3.6876,
6.6815

250.7788,
210.2687, 263.5753

 3.9828, 1.5004,
3.1883

300.7036,

 1.6924, 0.2890,

255.6359, 317.6722

1.1916

356.8500,
307.1001, 378.7064

■ 0.4515, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.4255, 44.5740,
61.2433

■ 61.4255, 44.5740,
61.2433

■ 56.7388, 37.3614,
53.0194

■ 67.0878, 53.5648,
70.3255

■ 52.9617, 31.7995,
45.6185

■ 73.7791, 64.4374,
80.2939

■ 50.0249, 27.7533,
39.0056

■ 81.5529, 77.2950,
91.1778

■ 47.8467, 25.0639,
33.1408

■ 90.4577, 92.2313,
103.0044

■ 46.3274, 23.5357,
27.9775

95.0500, 100.0000,
108.9000

■ 45.7154, 23.0502,
25.4974

Harmonies

Analogous

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



56.0876, 44.5740, 91.3290



61.4255, 44.5740, 61.2433



61.1757, 44.5740, 35.9794

Triad

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



61.4255, 44.5740, 61.2433



37.7199, 44.5740, 14.8798



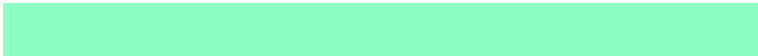
31.5240, 44.5740, 93.6778

Complementary

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



61.4255, 44.5740, 61.2433



56.4839, 81.0786, 63.7151

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.



27.8713, 44.5740, 63.7132



61.4255, 44.5740, 61.2433



31.0879, 44.5740, 21.7634

Square

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



61.4255, 44.5740, 61.2433



46.5984, 44.5740, 14.6270



27.7239, 44.5740, 37.7163



38.3984, 44.5740, 114.0640

Rectangle

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



61.4255, 44.5740, 61.2433



57.8527, 44.5740, 24.7911



27.7239, 44.5740, 37.7163



29.9240, 44.5740, 83.9968

Sweetspot

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



61.4266, 44.5761, 61.2442



82.9884, 79.6897, 93.1249



49.3911, 37.5179, 99.2462



17.3661, 16.3951, 19.3936



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.



61.4266, 44.5761, 61.2442



57.0379, 37.8133, 53.5705



56.0093, 42.4091, 32.7169



18.4157, 18.1496, 20.8063



23.9636, 12.0747, 13.7244



2.3885, 1.1978, 1.6271

Inverse Universe

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



61.4266, 44.5761, 61.2442



57.0379, 37.8133, 53.5705



63.8914, 84.0416, 102.7226



18.4157, 18.1496, 20.8063



23.9636, 12.0747, 13.7244



2.3885, 1.1978, 1.6271

Previews

White Background



This preview shows how the XYZ color 61.4255, 44.5740, 61.2433 looks on a white background.

Color Contrast Check

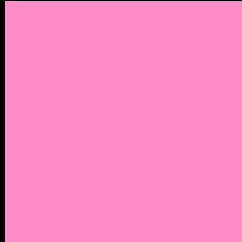
Large Text (above 18pt) WCAG AA × Fail

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 61.4255, 44.5740, 61.2433 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 61.4255, 44.5740, 61.2433

Background



This preview shows how black text looks on a background with the XYZ color 61.4255, 44.5740, 61.2433.



This preview shows how white text looks on a background with the XYZ color 61.4255, 44.5740,

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

61.4255, 44.5740, 61.2433

Protanopia

45.1755, 45.0423, 78.2645

Deuteranopia

45.8389, 44.9490, 58.4846



Tritanopia

56.8763, 44.5422, 38.8575

Trichromacy



Original Color

61.4255, 44.5740, 61.2433



Protanomaly

49.0885, 43.5664, 71.4676



Deuteranomaly

50.2648, 43.9149, 59.2533



Tritanomaly

58.1616, 44.3484, 46.0521

Monochromacy



Original Color

61.4255, 44.5740, 61.2433



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

49.2985, 44.8669, 54.2060

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4255, 44.5740, 61.2433 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, 141, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 141, 202)  
}
```

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, 141, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 141, 202) }
```

Border

The CSS property to change the border of an element to XYZ 61.4255, 44.5740, 61.2433 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, 141, 202) }
```


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

```
.border{ border-color:rgb(255, 141, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 141, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 141, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 141, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 141,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4255, 44.5740, 61.2433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 141, 202) }
```

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

```
.background{ background-color: rgb(255,  
141, 202) }
```

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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