

Converting Colors

XYZ(61.6467, 43.6989, 84.6799)

Have a look what the booklet for
XYZ(61.6467, 43.6989, 84.6799)
contains.

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Color

**XYZ(61.6812, 43.7545,
84.5514)**

Conversions

Conversions Part 1

Format	Color
Hex	F48BEC
RGB	244, 139, 236
RGB Percent	96%, 55%, 93%
CMY	0.0431, 0.4549, 0.0745
CMYK	0.00, 0.43, 0.03, 0.04
HSL	305°, 83%, 75%
HSV	305°, 43%, 96%
XYZ	61.6812, 43.7545, 84.5514
YIQ	181.4530, 31.4430, 52.4270

Conversions

Conversions Part 2

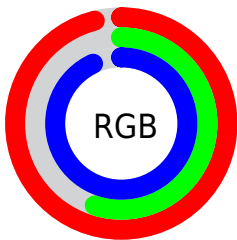
Format	Color
R_{YB}	244, 139, 236
Decimal	16026604
CIE Lab	72.06, 53.30, -32.00
CIE LCh	72, 62.166, 329.024
Yxy	43.7545, 0.3247, 0.2303
Android (android.graphics.Color)	4294216684 (0xFFFF48BEC)
YUV	181.4530, 26.8917, 54.8537
Hunter-Lab	66.1472, 50.6908, -29.4833

Details

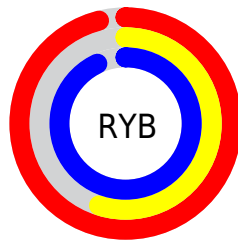
The XYZ color **61.6812, 43.7545, 84.5514** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **48.2665, 72.2985, 39.0175**, and the grayscale version is **44.0145, 46.3067, 50.4280**.

A 20% lighter version of the original color is **78.8051, 67.5102, 103.4850**, and **31.7364, 20.2314, 45.4124** is the 20% darker color. If you saturate the color by 10%, you get **58.2662, 37.3537, 82.0876**, and if you desaturate by 10%, it is **65.8902, 51.7370, 87.2946**.

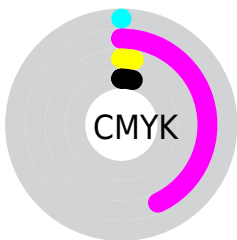
Distribution



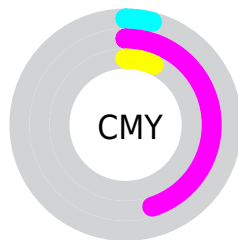
- Red (96%)
- Green (55%)
- Blue (93%)



- Red (96%)
- Yellow (55%)
- Blue (93%)



- Cyan (0%)
- Magenta (43%)
- Yellow (3%)
- Black (4%)





- Cyan (4%)
- Magenta (45%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.6812, 43.7545, 84.5514 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 61.6812, 43.7545, 84.5514 by changing the saturation by 10% instead.


 61.6812, 43.7545,
84.5514


 61.6812, 43.7545,
84.5514


420.5034,
361.7055, 530.2483


 45.0298, 30.4776,
62.9228

 106.3572, 80.8482,
141.6148

 31.6823, 20.2013,
45.3381

 135.1125,
105.4337, 177.8867

 21.2733, 12.5415,
31.3790


 168.6330,
134.5576, 219.8768

 13.4375, 7.1136,
20.6267

207.2843,
168.6042, 268.0035

 7.8096, 3.5332,
12.6628

251.4316,
207.9579, 322.6855

 4.0241, 1.4161,
7.0688

301.4404,

 1.7158, 0.2285,

253.0030, 384.3413

3.4261

357.6758,
304.1241, 453.3894

■ 0.4661, 0.0000,
1.3161

■ 0.0000, 0.0000,
0.0749

■ 61.6812, 43.7545,
84.5514

■ 61.6812, 43.7545,
84.5514

■ 58.2662, 37.3537,
82.0876

■ 65.8902, 51.7370,
87.2946

■ 55.5879, 32.4227,
79.8827

■ 70.9371, 61.3916,
90.3307

■ 53.5880, 28.8441,
77.9178

■ 76.8676, 72.8091,
93.6752

■ 52.1978, 26.4802,
76.1698

■ 83.7230, 86.0716,
97.3420

51.3336, 25.1642,
74.6109

89.5956, 97.3641,
100.6953

50.9552, 24.6919,
73.6071

89.8814, 97.4784,
102.2004

90.1701, 97.5939,
103.7205

90.4616, 97.7105,
105.2558

90.7561, 97.8283,
106.8062

Harmonies

Analogous

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



52.3095, 43.7545, 119.3157



61.6812, 43.7545, 84.5514



65.5452, 43.7545, 48.6447

Triad

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



61.6812, 43.7545, 84.5514



41.9363, 43.7545, 9.8156



26.1571, 43.7545, 82.0464

Complementary

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



61.6812, 43.7545, 84.5514



48.2665, 72.2985, 39.0175

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.



24.3203, 43.7545, 46.6516



61.6812, 43.7545, 84.5514



32.4406, 43.7545, 12.6053

Square

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



61.6812, 43.7545, 84.5514



53.0149, 43.7545, 13.0205



26.4134, 43.7545, 23.4242



31.9326, 43.7545, 117.4874

Rectangle

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



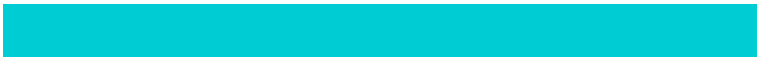
61.6812, 43.7545, 84.5514



64.0493, 43.7545, 30.9988



26.4134, 43.7545, 23.4242



25.1070, 43.7545, 69.3753

Sweetspot

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



61.6826, 43.7565, 84.5523



84.9674, 80.4813, 103.5459



37.4179, 31.1102, 89.6218



17.8576, 16.5917, 21.9816



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.



61.6826, 43.7565, 84.5523



64.7143, 41.8637, 90.9726



55.2469, 41.1822, 50.6620



17.1559, 16.7452, 20.5677



27.7292, 13.4351, 40.1440



2.4531, 1.1872, 3.6122

Inverse Universe

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



61.6826, 43.7565, 84.5523



64.7143, 41.8637, 90.9726



53.2508, 74.2922, 65.2642



17.1559, 16.7452, 20.5677



27.7292, 13.4351, 40.1440



2.4531, 1.1872, 3.6122

Previews

White Background



This preview shows how the XYZ color 61.6812, 43.7545, 84.5514 looks on a white background.

Color Contrast Check

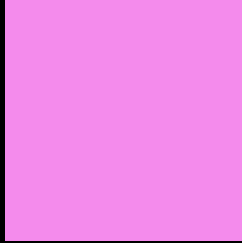
Large Text (above 18pt) WCAG AA × Fail

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 61.6812, 43.7545, 84.5514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

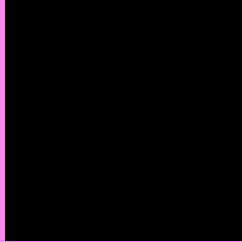
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.6812, 43.7545, 84.5514

Background



This preview shows how black text looks on a background with the XYZ color 61.6812, 43.7545, 84.5514.



This preview shows how white text looks on a background with the XYZ color 61.6812, 43.7545,

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

61.6812, 43.7545, 84.5514

Protanopia

45.9486, 44.0714, 100.6926

Deuteranopia

45.1449, 44.0923, 80.9942



Tritanopia

52.6995, 43.5265, 41.7003

Trichromacy



Original Color

61.6812, 43.7545, 84.5514



Protanomaly

49.6957, 42.5813, 94.4067



Deuteranomaly

49.5585, 42.7853, 81.9903



Tritanomaly

55.4113, 43.4336, 54.7532

Monochromacy



Original Color

61.6812, 43.7545, 84.5514



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

49.0807, 44.3269, 61.2274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6812, 43.7545, 84.5514 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(244, 139, 236)` looks like.

```
.text, #text, p{  
    color:rgb(244, 139, 236)  
}
```

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(244, 139, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 139, 236) }
```

Border

The CSS property to change the border of an element to XYZ 61.6812, 43.7545, 84.5514 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(244, 139, 236) }
```


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

```
.border{ border-color:rgb(244, 139, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 139, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 139, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 139, 236);  
box-shadow:4px 4px 4px 4px rgb(244, 139,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6812, 43.7545, 84.5514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 139, 236) }
```

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

```
.background{ background-color: rgb(244,  
139, 236) }
```

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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