

Converting Colors

XYZ(61.6881, 41.4571, 89.8676)

Have a look what the booklet for
XYZ(61.6881, 41.4571, 89.8676)
contains.

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Color

**XYZ(61.5530, 41.3219,
89.5257)**

Conversions

Conversions Part 1

Format	Color
Hex	F580F3
RGB	245, 128, 243
RGB Percent	96%, 50%, 95%
CMY	0.0392, 0.4980, 0.0471
CMYK	0.00, 0.48, 0.01, 0.04
HSL	301°, 85%, 73%
HSV	301°, 48%, 96%
XYZ	61.5530, 41.3219, 89.5257
YIQ	176.0930, 32.8170, 60.5690

Conversions

Conversions Part 2

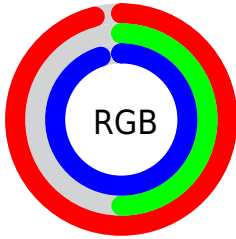
Format	Color
RYB	245, 128, 243
Decimal	16089331
CIELab	70.40, 60.17, -38.40
CIElCh	70, 71.379, 327.454
Yxy	41.3219, 0.3199, 0.2148
Android (android.graphics.Color)	4294279411 (0xFFFF580F3)
YUV	176.0930, 32.9852, 60.4314
Hunter-Lab	64.2821, 58.4280, -37.5757

Details

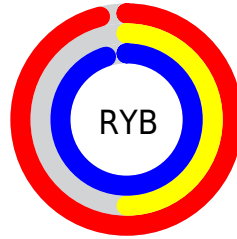
The XYZ color **61.5530, 41.3219, 89.5257** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **45.5856, 71.5073, 32.5212**, and the grayscale version is **41.1382, 43.2806, 47.1326**.

A 20% lighter version of the original color is **76.4305, 62.7610, 102.6935**, and **31.4952, 18.7494, 48.4134** is the 20% darker color. If you saturate the color by 10%, you get **58.6720, 35.6600, 88.2539**, and if you desaturate by 10%, it is **65.2084, 48.5303, 91.0571**.

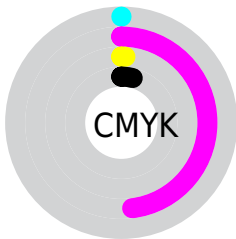
Distribution



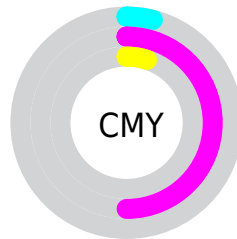
- Red (96%)
- Green (50%)
- Blue (95%)



- Red (96%)
- Yellow (50%)
- Blue (95%)



- Cyan (0%)
- Magenta (48%)
- Yellow (1%)
- Black (4%)





- Cyan (4%)
- Magenta (50%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.5530, 41.3219, 89.5257 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 61.5530, 41.3219, 89.5257 by changing the saturation by 10% instead.

 61.5530, 41.3219,
89.5257


 61.5530, 41.3219,
89.5257


420.0423,
351.6642, 547.0170

 44.9258, 28.5707,
67.0158


 106.1728, 77.1723,
148.6092

 31.6000, 18.7563,
48.6358


 134.8962,
101.0403, 186.0198

 21.2103, 11.4943,
33.9671


 168.3823,
129.3827, 229.2345

 13.3911, 6.4004,
22.5912

206.9966,
162.5838, 278.6717

 7.7773, 3.0900,
14.0895

251.1044,
201.0282, 334.7501

 4.0034, 1.1789,
8.0435

301.0711,

 1.7040, 0.0444,

245.1001, 397.8880

4.0346

357.2619,
295.1840, 468.5042

■ 0.4588, 0.0000,
1.6443

■ 0.0000, 0.0000,
0.3222

■ 61.5530, 41.3219,
89.5257

■ 61.5530, 41.3219,
89.5257

■ 58.6720, 35.6600,
88.2539

■ 65.2084, 48.5303,
91.0571

■ 56.5046, 31.4261,
87.2203


■ 69.6847, 57.3814,
92.8625


■ 54.9881, 28.4938,
86.4044


■ 75.0299, 67.9699,
94.9582


■ 54.0469, 26.7119,
85.7809


■ 81.2869, 80.3819,
97.3586


 53.5796, 25.8775,
85.3162


 88.4960, 94.6977,
100.0770

 53.5057, 25.7524,
85.2222

 89.9768, 97.5568,
100.8867

 90.0411, 97.5825,
101.2250

 90.1054, 97.6082,
101.5640

 90.1700, 97.6340,
101.9038

Harmonies

Analogous

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



50.6340, 41.3219, 130.2456



61.5530, 41.3219, 89.5257



66.4313, 41.3219, 47.9267

Triad

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



61.5530, 41.3219, 89.5257



40.2868, 41.3219, 6.3744



22.4507, 41.3219, 81.8829

Complementary

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



61.5530, 41.3219, 89.5257



45.5856, 71.5073, 32.5212

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.



20.7587, 41.3219, 42.1806



61.5530, 41.3219, 89.5257



29.7565, 41.3219, 8.5448

Square

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



61.5530, 41.3219, 89.5257



52.7199, 41.3219, 9.5295



23.1487, 41.3219, 18.3971



28.3359, 41.3219, 124.4974

Rectangle

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



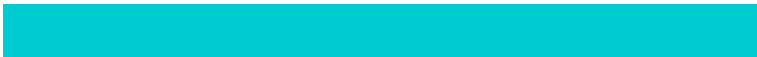
61.5530, 41.3219, 89.5257



64.9972, 41.3219, 28.2479



23.1487, 41.3219, 18.3971



21.4310, 41.3219, 67.3133

Sweetspot

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



61.5544, 41.3238, 89.5266



84.6017, 79.2605, 104.9331



33.4008, 26.7749, 89.7950



17.8023, 16.3582, 22.3421



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.



61.5544, 41.3238, 89.5266



64.4306, 39.3974, 96.7319



54.0866, 38.3366, 50.2014



17.2007, 16.7631, 20.8034



28.8299, 13.8754, 45.9402



2.5377, 1.2211, 4.0580

Inverse Universe

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



61.5544, 41.3238, 89.5266



64.4306, 39.3974, 96.7319



50.6819, 73.5458, 59.3583



17.2007, 16.7631, 20.8034



28.8299, 13.8754, 45.9402



2.5377, 1.2211, 4.0580

Previews

White Background



This preview shows how the XYZ color 61.5530, 41.3219, 89.5257 looks on a white background.

Color Contrast Check

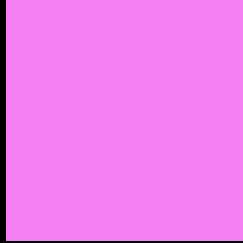
Large Text (above 18pt) WCAG AA × Fail

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 61.5530, 41.3219, 89.5257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

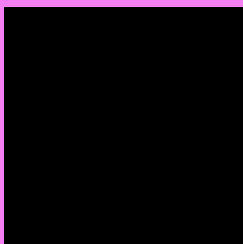
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.5530, 41.3219, 89.5257

Background



This preview shows how black text looks on a background with the XYZ color 61.5530, 41.3219, 89.5257.



This preview shows how white text looks on a background with the XYZ color 61.5530, 41.3219,

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

61.5530, 41.3219, 89.5257

Protanopia

43.7524, 41.8091, 100.3717

Deuteranopia

42.5070, 41.5199, 84.3710



Tritanopia

51.1089, 41.3452, 38.0876

Trichromacy



Original Color

61.5530, 41.3219, 89.5257



Protanomaly

47.9563, 40.1110, 96.4814



Deuteranomaly

47.4037, 40.0548, 86.1218



Tritanomaly

54.4157, 41.1182, 53.7838

Monochromacy



Original Color

61.5530, 41.3219, 89.5257



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

46.9109, 41.3839, 60.1590

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5530, 41.3219, 89.5257 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(245, 128, 243)` looks like.

```
.text, #text, p{  
    color:rgb(245, 128, 243)  
}
```

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(245, 128, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 128, 243) }
```

Border

The CSS property to change the border of an element to XYZ 61.5530, 41.3219, 89.5257 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(245, 128, 243) }
```


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

```
.border{ border-color:rgb(245, 128, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 128, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 128, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 128, 243);  
box-shadow:4px 4px 4px 4px rgb(245, 128,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5530, 41.3219, 89.5257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 128, 243) }
```

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

```
.background{ background-color: rgb(245,  
128, 243) }
```

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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