

Converting Colors

XYZ(179.7991, 100.0000,
91.3299)

Have a look what the booklet for
XYZ(179.7991, 100.0000, 91.3299)
contains.

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Color

**XYZ(62.9507, 39.7535,
86.0167)**

Conversions

Conversions Part 1

Format	Color
Hex	FF73EF
RGB	255, 115, 239
RGB Percent	100%, 45%, 94%
CMY	0.0000, 0.5490, 0.0627
CMYK	0.00, 0.55, 0.06, 0.00
HSL	307°, 100%, 73%
HSV	307°, 55%, 100%
XYZ	62.9507, 39.7535, 86.0167
YIQ	170.9960, 43.6360, 68.2440

Conversions

Conversions Part 2

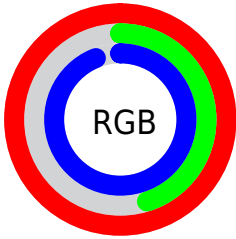
Format	Color
R _Y B	255, 115, 239
Decimal	16741359
CIE Lab	69.29, 68.19, -37.83
CIE LCh	69, 77.982, 330.982
Yxy	39.7535, 0.3336, 0.2106
Android (android.graphics.Color)	4294931439 (0xFFFF73EF)
YUV	170.9960, 33.5260, 73.6715
Hunter-Lab	63.0504, 67.8796, -36.7513

Details

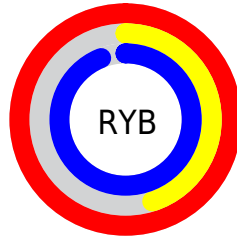
The XYZ color **62.9507, 39.7535, 86.0167** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **46.9283, 76.8042, 33.8263**, and the grayscale version is **38.5298, 40.5364, 44.1441**.

A 20% lighter version of the original color is **74.0425, 57.9850, 101.8975**, and **32.4191, 17.7534, 46.5178** is the 20% darker color. If you saturate the color by 10%, you get **60.0076, 34.5506, 82.9289**, and if you desaturate by 10%, it is **66.7066, 46.5704, 89.4106**.

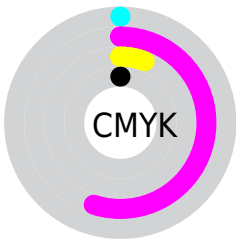
Distribution



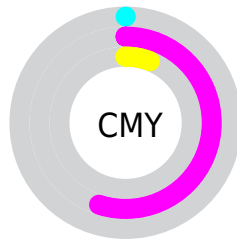
- Red (100%)
- Green (45%)
- Blue (94%)



- Red (100%)
- Yellow (45%)
- Blue (94%)



- Cyan (0%)
- Magenta (55%)
- Yellow (6%)
- Black (0%)





- Cyan (0%)
- Magenta (55%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.9507, 39.7535, 86.0167 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 62.9507, 39.7535, 86.0167 by changing the saturation by 10% instead.


 62.9507, 39.7535,
86.0167


 62.9507, 39.7535,
86.0167


425.0531,
345.0835, 535.2183


 46.0598, 27.3464,
64.1268

 108.1806, 74.7880,
143.6795

 32.4979, 17.8336,
46.3065


 137.2503, 98.1842,
180.2896

 21.8994, 10.8306,
32.1374


 171.1104,
126.0122, 222.6434

 13.8992, 5.9530,
21.2008

210.1261,
158.6565, 271.1596

 8.1318, 2.8165,
13.0782

254.6629,
196.5013, 326.2566

 4.2319, 1.0367,
7.3510

305.0861,

 1.8342, 0.0000,

239.9312, 388.3530

3.6008

361.7610,
289.3305, 457.8674

■ 0.5381, 0.0000,
1.4090

■ 0.0000, 0.0000,
0.1487

■ 62.9507, 39.7535,
86.0167

■ 62.9507, 39.7535,
86.0167

■ 60.0076, 34.5506,
82.9289

■ 66.7066, 46.5704,
89.4106

■ 57.8064, 30.8206,
80.1220

■ 71.3329, 55.1172,
93.1287

■ 56.2686, 28.4065,
77.5702

■ 76.8851, 65.5046,
97.1899

■ 55.2966, 27.1131,
75.2407

■ 83.4134, 77.8328,
101.6112

■ 54.9478, 26.7431,
74.1145

■ 90.9642, 92.1949,
106.4082

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



51.5618, 39.7535, 133.2259



62.9507, 39.7535, 86.0167



67.2834, 39.7535, 42.1158

Triad

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



62.9507, 39.7535, 86.0167



37.3741, 39.7535, 4.4882



20.6925, 39.7535, 89.2868

Complementary

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



62.9507, 39.7535, 86.0167



46.9283, 76.8042, 33.8263

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.



18.4825, 39.7535, 44.4752



62.9507, 39.7535, 86.0167



26.7100, 39.7535, 7.0214

Square

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



62.9507, 39.7535, 86.0167



50.6891, 39.7535, 6.6763



20.4180, 39.7535, 17.7375



27.2801, 39.7535, 135.7375

Rectangle

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



62.9507, 39.7535, 86.0167



64.9734, 39.7535, 23.0139



20.4180, 39.7535, 17.7375



19.4877, 39.7535, 72.9189

Sweetspot

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



62.9516, 39.7551, 86.0175



82.6455, 76.3777, 101.1064



33.2358, 24.1507, 97.5176



17.3892, 15.7796, 21.4415



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.



62.9516, 39.7551, 86.0175



59.7302, 34.0704, 82.6065



54.7226, 36.4635, 42.6842



18.6980, 18.2625, 22.2927



28.7472, 13.9882, 38.9145



2.8233, 1.3717, 3.9171

Inverse Universe

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



62.9516, 39.7551, 86.0175



59.7302, 34.0704, 82.6065



53.1403, 79.2890, 66.5381



18.6980, 18.2625, 22.2927



28.7472, 13.9882, 38.9145



2.8233, 1.3717, 3.9171

Previews

White Background



This preview shows how the XYZ color 62.9507, 39.7535, 86.0167 looks on a white background.

Color Contrast Check

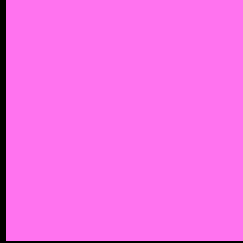
Large Text (above 18pt) WCAG AA × Fail

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 62.9507, 39.7535, 86.0167 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 62.9507, 39.7535, 86.0167

Background



This preview shows how black text looks on a background with the XYZ color 62.9507, 39.7535, 86.0167.



This preview shows how white text looks on a background with the XYZ color 62.9507, 39.7535,

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

62.9507, 39.7535, 86.0167

Protanopia

42.3499, 40.2607, 100.1468

Deuteranopia

41.0505, 40.0260, 80.4251



Tritanopia

52.0900, 39.7276, 32.9397

Trichromacy



Original Color

62.9507, 39.7535, 86.0167



Protanomaly

46.7448, 37.8431, 94.4633



Deuteranomaly

46.2842, 37.8818, 81.9633



Tritanomaly

55.3900, 39.4412, 48.4096

Monochromacy



Original Color

62.9507, 39.7535, 86.0167



Achromatopsia

38.7082, 40.7240, 44.3485



Achromatomaly

45.3875, 38.6753, 57.2974

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9507, 39.7535, 86.0167 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, 115, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 115, 239)  
}
```

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, 115, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 115, 239) }
```

Border

The CSS property to change the border of an element to XYZ 62.9507, 39.7535, 86.0167 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, 115, 239) }
```


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

```
.border{ border-color:rgb(255, 115, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 115, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 115, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 115, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 115,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9507, 39.7535, 86.0167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 115, 239) }
```

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

```
.background{ background-color: rgb(255,  
115, 239) }
```

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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