

Converting Colors

XYZ(62.4939, 46.1715, 85.7390)

Have a look what the booklet for
XYZ(62.4939, 46.1715, 85.7390)
contains.

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Color

**XYZ(62.4939, 46.1715,
85.7390)**

Conversions

Conversions Part 1

Format	Color
Hex	F294ED
RGB	242, 148, 237
RGB Percent	95%, 58%, 93%
CMY	0.0510, 0.4196, 0.0706
CMYK	0.00, 0.39, 0.02, 0.05
HSL	303°, 78%, 76%
HSV	303°, 39%, 95%
XYZ	62.4939, 46.1715, 85.7390
YIQ	186.2520, 27.4550, 47.6070

Conversions

Conversions Part 2

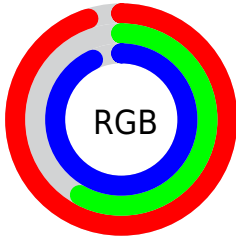
Format	Color
R _{YB}	242, 148, 237
Decimal	15897837
CIE _{Lab}	73.66, 48.33, -30.11
CIE _{LCh}	74, 56.939, 328.079
Yxy	46.1715, 0.3215, 0.2375
Android (android.graphics.Color)	4294087917 (0xFFFF294ED)
YUV	186.2520, 25.0188, 48.8910
Hunter-Lab	67.9496, 45.2563, -27.2475

Details

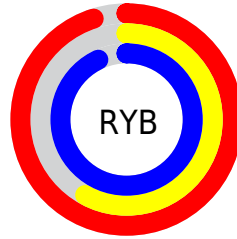
The XYZ color **62.4939, 46.1715, 85.7390** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **49.7166, 72.1016, 41.4363**, and the grayscale version is **46.6681, 49.0985, 53.4682**.

A 20% lighter version of the original color is **80.8829, 71.6657, 104.1776**, and **32.1999, 21.7110, 46.2096** is the 20% darker color. If you saturate the color by 10%, you get **58.9004, 39.2836, 83.6169**, and if you desaturate by 10%, it is **66.8852, 54.6510, 88.1346**.

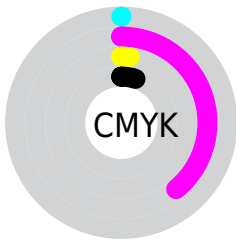
Distribution



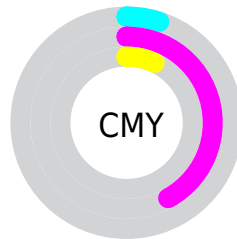
- Red (95%)
- Green (58%)
- Blue (93%)



- Red (95%)
- Yellow (58%)
- Blue (93%)



- Cyan (0%)
- Magenta (39%)
- Yellow (2%)
- Black (5%)





- Cyan (5%)
- Magenta (42%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.4939, 46.1715, 85.7390 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 62.4939, 46.1715, 85.7390 by changing the saturation by 10% instead.


 62.4939, 46.1715,
85.7390


 62.4939, 46.1715,
85.7390


423.4193,
371.4977, 534.2784

 45.6890, 32.3812,
63.8985

 107.5250, 84.4756,
143.2885

 32.2041, 21.6528,
46.1228


 136.4818,
109.7582, 179.8347

 21.6737, 13.6020,
31.9934


170.2201,
139.6403, 222.1197

 13.7326, 7.8444,
21.0917

209.1050,
174.5063, 270.5623

 8.0154, 3.9955,
12.9991

253.5021,
214.7407, 325.5809

 4.1567, 1.6711,
7.2972

303.7766,

 1.7912, 0.4048,

260.7278, 387.5941

3.5674

360.2939,
312.8520, 457.0205

■ 0.5123, 0.0000,
1.3912

■ 0.0000, 0.0000,
0.1348

■ 62.4939, 46.1715,
85.7390

■ 62.4939, 46.1715,
85.7390

■ 58.9004, 39.2836,
83.6169

■ 66.8852, 54.6510,
88.1346

■ 56.0504, 33.8814,
81.7488

■ 72.1152, 64.8068,
90.8161

■ 53.8899, 29.8559,
80.1171

■ 78.2277, 76.7253,
93.7984

■ 52.3556, 27.0808,
78.7009

■ 85.2619, 90.4850,
97.0946

51.3727, 25.4065,
77.4750

88.6223, 96.8950,
99.1729

50.8303, 24.6110,
76.4026

88.8179, 96.9733,
100.2031

50.7790, 24.5417,
76.2825

89.0149, 97.0521,
101.2404

89.2133, 97.1314,
102.2850

89.4130, 97.2113,
103.3368

Harmonies

Analogous

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



53.6628, 46.1715, 116.9429



62.4939, 46.1715, 85.7390



66.2664, 46.1715, 52.1580

Triad

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



62.4939, 46.1715, 85.7390



44.5380, 46.1715, 12.6822



28.8985, 46.1715, 81.2173

Complementary

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



62.4939, 46.1715, 85.7390



49.7166, 72.1016, 41.4363

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.



27.2125, 46.1715, 48.4338



62.4939, 46.1715, 85.7390



35.3728, 46.1715, 15.4618

Square

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



62.4939, 46.1715, 85.7390



54.9609, 46.1715, 16.3258



29.3934, 46.1715, 26.2486



34.4064, 46.1715, 113.7043

Rectangle

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



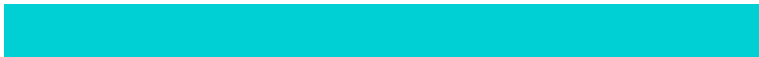
62.4939, 46.1715, 85.7390



65.0281, 46.1715, 34.9284



29.3934, 46.1715, 26.2486



27.9068, 46.1715, 69.5588

Sweetspot

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



62.4954, 46.1736, 85.7400



85.7923, 81.9022, 104.5266



39.6994, 34.3362, 88.5406



18.1668, 17.1476, 22.2777



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.



62.4954, 46.1736, 85.7400



66.9652, 45.4460, 94.5579



56.5367, 43.7901, 54.3620



16.4158, 16.0160, 19.7459



27.2951, 13.1905, 41.0663



2.2817, 1.1017, 3.4745

Inverse Universe

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



62.4954, 46.1736, 85.7400



66.9652, 45.4460, 94.5579



54.3570, 73.9578, 65.8723



16.4158, 16.0160, 19.7459



27.2951, 13.1905, 41.0663



2.2817, 1.1017, 3.4745

Previews

White Background



This preview shows how the XYZ color 62.4939, 46.1715, 85.7390 looks on a white background.

Color Contrast Check

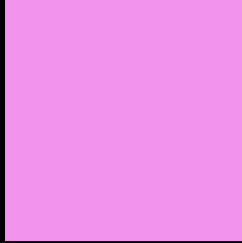
Large Text (above 18pt) WCAG AA × Fail

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 62.4939, 46.1715, 85.7390 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 62.4939, 46.1715, 85.7390

Background



This preview shows how black text looks on a background with the XYZ color 62.4939, 46.1715, 85.7390.



This preview shows how white text looks on a background with the XYZ color 62.4939, 46.1715,

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

62.4939, 46.1715, 85.7390

Protanopia

48.2707, 46.7293, 101.0833

Deuteranopia

47.7195, 46.5512, 82.8141



Tritanopia

54.3165, 46.0382, 46.0679

Trichromacy



Original Color

62.4939, 46.1715, 85.7390



Protanomaly

51.9322, 45.6014, 94.8718



Deuteranomaly

51.9587, 45.5837, 83.9019



Tritanomaly

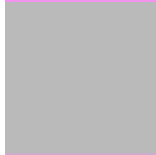
56.8916, 45.8127, 58.6675

Monochromacy



Original Color

62.4939, 46.1715, 85.7390



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

51.2256, 47.0346, 64.1363

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4939, 46.1715, 85.7390 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(242, 148, 237)` looks like.

```
.text, #text, p{  
    color:rgb(242, 148, 237)  
}
```

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(242, 148, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 148, 237) }
```

Border

The CSS property to change the border of an element to XYZ 62.4939, 46.1715, 85.7390 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(242, 148, 237) }
```


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

```
.border{ border-color:rgb(242, 148, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 148, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 148, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 148, 237);  
box-shadow:4px 4px 4px 4px rgb(242, 148,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4939, 46.1715, 85.7390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 148, 237) }
```

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

```
.background{ background-color: rgb(242,  
148, 237) }
```

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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