

Converting Colors

XYZ(57.3942, 42.5731, 88.8746)

Have a look what the booklet for
XYZ(57.3942, 42.5731, 88.8746)
contains.

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Color

**XYZ(57.3643, 42.5261,
89.1893)**

Conversions

Conversions Part 1

Format	Color
Hex	E290F2
RGB	226, 144, 242
RGB Percent	89%, 56%, 95%
CMY	0.1137, 0.4353, 0.0510
CMYK	0.07, 0.40, 0.00, 0.05
HSL	290°, 79%, 76%
HSV	290°, 40%, 95%
XYZ	57.3643, 42.5261, 89.1893
YIQ	179.6900, 17.4140, 47.8620

Conversions

Conversions Part 2

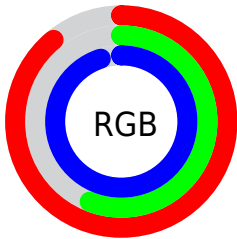
Format	Color
R _Y B	226, 144, 242
Decimal	14848242
CIE _{Lab}	71.23, 46.54, -36.73
CIE _{LCh}	71, 59.291, 321.719
Y _{xy}	42.5261, 0.3034, 0.2249
Android (android.graphics.Color)	4293038322 (0xFFE290F2)
YUV	179.6900, 30.7188, 40.6139
Hunter-Lab	65.2120, 42.8979, -35.4414

Details

The XYZ color **57.3643, 42.5261, 89.1893** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **51.2848, 72.9925, 37.7735**, and the grayscale version is **43.0518, 45.2939, 49.3250**.

A 20% lighter version of the original color is **79.7134, 69.3268, 103.7878**, and **28.9662, 19.4624, 48.6843** is the 20% darker color. If you saturate the color by 10%, you get **52.8600, 35.3345, 88.0392**, and if you desaturate by 10%, it is **62.6856, 51.3071, 90.6044**.

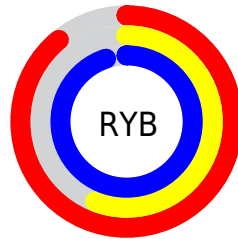
Distribution



Red (89%)

Green (56%)

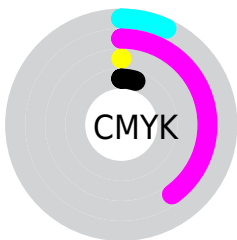
Blue (95%)



Red (89%)

Yellow (56%)

Blue (95%)

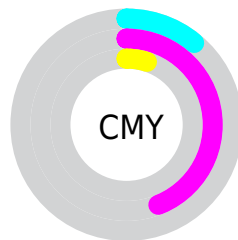


Cyan (7%)

Magenta (40%)

Yellow (0%)

Black (5%)



Cyan (11%)


Magenta (44%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.3643, 42.5261, 89.1893 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 57.3643, 42.5261, 89.1893 by changing the saturation by 10% instead.


 57.3643, 42.5261,
89.1893


 57.3643, 42.5261,
89.1893


404.8051,
356.6592, 545.8920

 41.5391, 29.5135,
66.7385

 100.1248, 78.9952,
148.1374

 28.9301, 19.4696,
48.4119

 127.7909,
103.2205, 185.4719

 19.1719, 12.0101,
33.7909


160.1346,
131.9522, 228.6047

 11.8993, 6.7505,
22.4569

197.5212,
165.5745, 277.9543

 6.7469, 3.3066,
13.9915

240.3163,
204.4720, 333.9393

 3.3492, 1.2938,
7.9761

288.8851,

 1.3410, 0.1364,

249.0290, 396.9782

3.9921

343.5929,
299.6300, 467.4896

■ 0.2136, 0.0000,
1.6210

■ 0.0000, 0.0000,
0.3057

■ 57.3643, 42.5261,
89.1893

■ 57.3643, 42.5261,
89.1893

■ 52.8600, 35.3345,
88.0392

■ 62.6856, 51.3071,
90.6044

■ 49.1174, 29.6255,
87.1345

■ 68.8659, 61.7644,
92.2971

■ 46.0813, 25.2876,
86.4572

■ 75.9495, 73.9853,
94.2826

■ 43.6866, 22.1910,
85.9858

■ 83.9761, 88.0491,
96.5742

■ 41.8559, 20.1810,
85.6943

■ 89.7078, 97.4797,
98.0924

■ 40.5174, 19.0361,
85.5438

■ 91.1067, 98.2008,
98.1578

■ 92.5353, 98.9373,
98.2247

■ 93.0271, 99.1909,
98.2477

Harmonies

Analogous

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



47.9167, 42.5261, 118.0841



57.3643, 42.5261, 89.1893



62.4479, 42.5261, 54.6468

Triad

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



57.3643, 42.5261, 89.1893



43.2367, 42.5261, 10.5043



25.1312, 42.5261, 69.6691

Complementary

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



57.3643, 42.5261, 89.1893



51.2848, 72.9925, 37.7735

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.



24.2970, 42.5261, 38.8562



57.3643, 42.5261, 89.1893



33.7486, 42.5261, 11.7870

Square

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



57.3643, 42.5261, 89.1893



53.4605, 42.5261, 15.2470



27.1912, 42.5261, 19.9891



29.6935, 42.5261, 103.9658

Rectangle

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



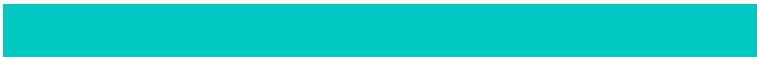
57.3643, 42.5261, 89.1893



62.1820, 42.5261, 36.0475



27.1912, 42.5261, 19.9891



24.4392, 42.5261, 58.3413

Sweetspot

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



57.3658, 42.5279, 89.1902



84.2391, 81.0713, 105.8162



40.1590, 37.5994, 89.1458



17.7988, 16.9507, 22.5837



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.



57.3658, 42.5279, 89.1902



60.1685, 40.7928, 99.3103



58.1425, 43.4455, 65.8610



16.1861, 15.8932, 19.9362



21.8650, 10.2772, 45.9592



1.8858, 0.8894, 3.8265

Inverse Universe

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



52.9377, 41.3636, 38.4534



54.7706, 39.4551, 33.7732



51.1578, 72.5957, 52.7389



15.8780, 15.8009, 16.9140



19.9055, 10.2346, 2.1530



1.6867, 0.8637, 0.3408

Previews

White Background



This preview shows how the XYZ color 57.3643, 42.5261, 89.1893 looks on a white background.

Color Contrast Check

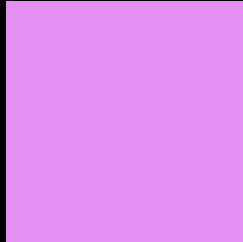
Large Text (above 18pt) WCAG AA × Fail

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 57.3643, 42.5261, 89.1893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

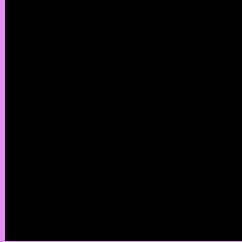
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.3643, 42.5261, 89.1893

Background



This preview shows how black text looks on a background with the XYZ color 57.3643, 42.5261, 89.1893.



This preview shows how white text looks on a background with the XYZ color 57.3643, 42.5261,

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

57.3643, 42.5261, 89.1893

Protanopia

44.8351, 42.9281, 100.5306

Deuteranopia

43.9432, 42.7876, 86.0635



Tritanopia

48.0677, 42.3355, 44.1662

Trichromacy



Original Color

57.3643, 42.5261, 89.1893



Protanomaly

48.0801, 41.9729, 96.0100



Deuteranomaly

47.7917, 42.0177, 87.2527



Tritanomaly

51.1488, 42.3581, 58.3034

Monochromacy



Original Color

57.3643, 42.5261, 89.1893



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

47.6242, 43.8195, 62.4479

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3643, 42.5261, 89.1893 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(226, 144, 242)` looks like.

```
.text, #text, p{  
    color:rgb(226, 144, 242)  
}
```

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(226, 144, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 144, 242) }
```

Border

The CSS property to change the border of an element to XYZ 57.3643, 42.5261, 89.1893 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(226, 144, 242) }
```


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

```
.border{ border-color:rgb(226, 144, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 144, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 144, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 144, 242);  
box-shadow:4px 4px 4px 4px rgb(226, 144,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3643, 42.5261, 89.1893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 144, 242) }
```

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

```
.background{ background-color: rgb(226,  
144, 242) }
```

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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