

Converting Colors

XYZ(59.1164, 42.1515, 97.1157)

Have a look what the booklet for
XYZ(59.1164, 42.1515, 97.1157)
contains.

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Color

**XYZ(59.1164, 42.1515,
97.1157)**

Conversions

Conversions Part 1

Format	Color
Hex	E58BFC
RGB	229, 139, 252
RGB Percent	90%, 55%, 99%
CMY	0.1020, 0.4549, 0.0118
CMYK	0.09, 0.45, 0.00, 0.01
HSL	288°, 95%, 77%
HSV	288°, 45%, 99%
XYZ	59.1164, 42.1515, 97.1157
YIQ	178.7920, 17.3670, 54.2230

Conversions

Conversions Part 2

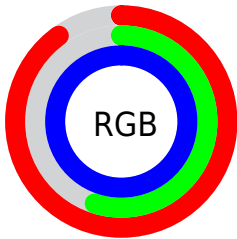
Format	Color
R _Y B	229, 139, 252
Decimal	15043580
CIE Lab	70.98, 51.91, -42.56
CIE LCh	71, 67.127, 320.651
Yxy	42.1515, 0.2980, 0.2125
Android (android.graphics.Color)	4293233660 (0xFFE58BFC)
YUV	178.7920, 36.0915, 44.0324
Hunter-Lab	64.9242, 48.9150, -43.2410

Details

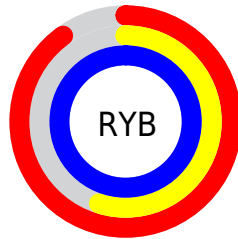
The XYZ color **59.1164, 42.1515, 97.1157** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **54.3722, 79.1672, 36.8430**, and the grayscale version is **42.5460, 44.7617, 48.7455**.

A 20% lighter version of the original color is **78.5818, 67.0636, 103.4106**, and **29.9727, 19.2536, 53.7663** is the 20% darker color. If you saturate the color by 10%, you get **54.2672, 34.8459, 95.9618**, and if you desaturate by 10%, it is **64.8577, 51.1673, 98.5540**.

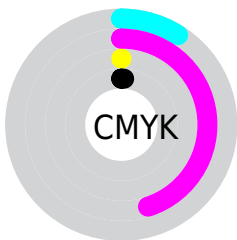
Distribution



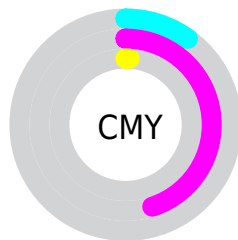
- Red (90%)
- Green (55%)
- Blue (99%)



- Red (90%)
- Yellow (55%)
- Blue (99%)



- Cyan (9%)
- Magenta (45%)
- Yellow (0%)
- Black (1%)





- Cyan (10%)
- Magenta (45%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.1164, 42.1515, 97.1157 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 59.1164, 42.1515, 97.1157 by changing the saturation by 10% instead.


 59.1164, 42.1515,
97.1157


 59.1164, 42.1515,
97.1157


411.2203,
355.1106, 572.0727

 42.9536, 29.2199,
73.2905


 102.6605, 78.4289,
159.2049

 30.0430, 19.2473,
53.7203


 130.7724,
102.5435, 198.3061

 20.0195, 11.8491,
37.9864


 163.5981,
131.1545, 243.3363

 12.5176, 6.6410,
25.6704

201.5029,
164.6464, 294.7142

 7.1719, 3.2386,
16.3537

244.8522,
203.4036, 352.8582

 3.6171, 1.2575,
9.6177

294.0113,

 1.4879, 0.1080,

247.8104, 418.1869

5.0440

349.3455,
298.2513, 491.1189

■ 0.3176, 0.0000,
2.2139

■ 0.0000, 0.0000,
0.6824

■ 59.1164, 42.1515,
97.1157

■ 59.1164, 42.1515,
97.1157

■ 54.2672, 34.8459,
95.9618

■ 64.8577, 51.1673,
98.5540

■ 50.2468, 29.1278,
95.0700

■ 71.5402, 61.9940,
100.2915

■ 46.9901, 24.8666,
94.4191

■ 79.2143, 74.7311,
102.3456

■ 44.4197, 21.9081,
93.9836

■ 87.9255, 89.4689,
104.7311

■ 42.4406, 20.0629,
93.7317

94.4413, 99.7415,
106.3705

■ 41.5803, 19.4057,
93.6502

94.5708, 99.8083,
106.3766

Harmonies

Analogous

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



48.1429, 42.1515, 131.1015



59.1164, 42.1515, 97.1157



65.2715, 42.1515, 56.6542

Triad

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



59.1164, 42.1515, 97.1157



43.6625, 42.1515, 7.9872



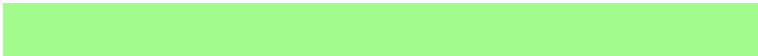
23.1113, 42.1515, 71.2445

Complementary

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



59.1164, 42.1515, 97.1157



54.3722, 79.1672, 36.8430

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.



22.3595, 42.1515, 36.5936



59.1164, 42.1515, 97.1157



32.9431, 42.1515, 9.0069

Square

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



59.1164, 42.1515, 97.1157



55.3168, 42.1515, 12.8290



25.6197, 42.1515, 16.8590



27.9090, 42.1515, 111.9593

Rectangle

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



59.1164, 42.1515, 97.1157



65.1540, 42.1515, 35.4209



25.6197, 42.1515, 16.8590



22.4171, 42.1515, 58.2556

Sweetspot

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



59.1179, 42.1533, 97.1166



82.9326, 79.3856, 105.5597



41.4029, 38.8854, 97.4195



17.3498, 16.3183, 22.4853



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.



59.1179, 42.1533, 97.1166



56.1164, 36.3392, 98.6642



62.2948, 44.3287, 72.9729



17.6268, 17.3357, 21.8024



21.7844, 10.1730, 48.7890



2.1020, 0.9857, 4.5226

Inverse Universe

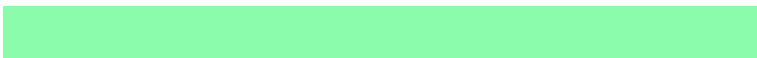
The Inverse Universe completely reimagines the original color for something new.



55.9003, 41.7709, 39.3003



52.7724, 36.1070, 31.1083



52.8115, 78.0517, 50.8202



17.3891, 17.2830, 18.6385



21.2684, 10.9231, 2.8557



2.0060, 1.0261, 0.4550

Previews

White Background



This preview shows how the XYZ color 59.1164, 42.1515, 97.1157 looks on a white background.

Color Contrast Check

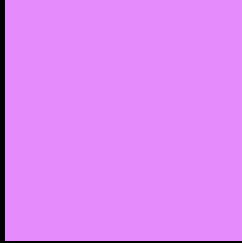
Large Text (above 18pt) WCAG AA × Fail

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 59.1164, 42.1515, 97.1157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

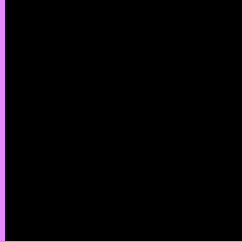
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.1164, 42.1515, 97.1157

Background



This preview shows how black text looks on a background with the XYZ color 59.1164, 42.1515, 97.1157.



This preview shows how white text looks on a background with the XYZ color 59.1164, 42.1515,

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

59.1164, 42.1515, 97.1157

Protanopia

44.2900, 42.3656, 100.4508

Deuteranopia

43.5998, 42.4548, 93.0854



Tritanopia

48.0978, 42.1077, 43.6228

Trichromacy



Original Color

59.1164, 42.1515, 97.1157



Protanomaly

48.1920, 41.1821, 99.1749



Deuteranomaly

47.6455, 41.2660, 94.2609

Tritanomaly

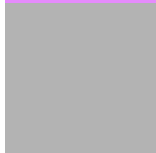
51.3107, 41.6755, 59.9834

Monochromacy



Original Color

59.1164, 42.1515, 97.1157



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

47.4420, 42.8775, 64.1682

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1164, 42.1515, 97.1157 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(229, 139, 252)` looks like.

```
.text, #text, p{  
    color:rgb(229, 139, 252)  
}
```

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(229, 139, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 139, 252) }
```

Border

The CSS property to change the border of an element to XYZ 59.1164, 42.1515, 97.1157 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(229, 139, 252) }
```


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

```
.border{ border-color:rgb(229, 139, 252) }
```

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

Here you see how a box with a 4 pixel rgb(229, 139, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 139, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 139, 252);  
box-shadow:4px 4px 4px 4px rgb(229, 139,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1164, 42.1515, 97.1157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 139, 252) }
```

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

```
.background{ background-color: rgb(229,  
139, 252) }
```

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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