

Converting Colors

XYZ(42.8662, 39.2735, 99.9290)

Have a look what the booklet for
XYZ(42.8662, 39.2735, 99.9290)
contains.

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Color

**XYZ(42.8244, 39.1717,
99.9115)**

Conversions

Conversions Part 1

Format	Color
Hex	92A2FF
RGB	146, 162, 255
RGB Percent	57%, 64%, 100%
CMY	0.4274, 0.3647, 0.0000
CMYK	0.43, 0.36, 0.00, 0.00
HSL	231°, 100%, 79%
HSV	231°, 43%, 100%
XYZ	42.8244, 39.1717, 99.9115
YIQ	167.8180, -39.3890, 25.5310

Conversions

Conversions Part 2

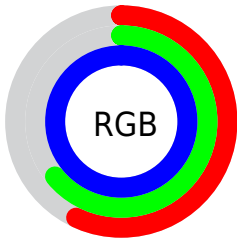
Format	Color
RYB	146, 160, 255
Decimal	9609983
CIELab	68.88, 17.47, -48.01
CIElCh	69, 51.092, 289.996
Yxy	39.1717, 0.2354, 0.2153
Android (android.graphics.Color)	4287800063 (0xFF92A2FF)
YUV	167.8180, 42.9807, -19.1344
Hunter-Lab	62.5873, 12.6081, -50.8367

Details

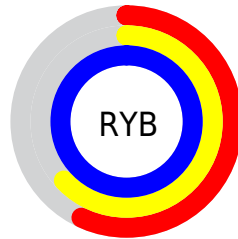
The XYZ color **42.8244, 39.1717, 99.9115** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **77.2958, 85.0696, 39.5422**, and the grayscale version is **36.9414, 38.8652, 42.3242**.

A 20% lighter version of the original color is **67.7647, 69.6831, 104.4863**, and **19.9973, 17.5699, 55.7634** is the 20% darker color. If you saturate the color by 10%, you get **35.2799, 30.0773, 98.5538**, and if you desaturate by 10%, it is **52.0454, 50.1161, 101.5380**.

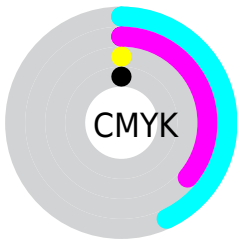
Distribution



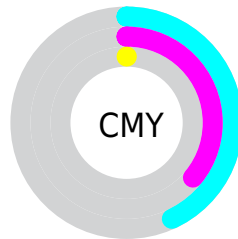
- Red (57%)
- Green (64%)
- Blue (100%)



- Red (57%)
- Yellow (63%)
- Blue (100%)



- Cyan (43%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)



- Cyan (43%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.8244, 39.1717, 99.9115 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 42.8244, 39.1717, 99.9115 by changing the saturation by 10% instead.

■ 42.8244, 39.1717,
99.9115

■ 42.8244, 39.1717,
99.9115

348.8229,
342.6199, 581.1532

■ 29.9413, 26.8933,
75.6102

■ 78.7032, 73.9005,
163.0864

■ 19.9419, 17.4931,
55.6082

■ 102.4295, 97.1198,
202.7970

■ 12.4608, 10.5867,
39.4870

130.5010,
124.7548, 248.4811

■ 7.1328, 5.7897,
26.8280

163.2830,
157.1900, 300.5573

■ 3.5923, 2.7176,
17.2128

201.1408,
194.8097, 359.4440

■ 1.4742, 0.9861,
10.2228

244.4398,

■ 0.3082, 0.0000,

237.9983, 425.5599

5.4394

293.5454,
287.1403, 499.3234

■ 0.0000, 0.0000,
2.4441

■ 0.0000, 0.0000,
0.8103

■ 42.8244, 39.1717,
99.9115

■ 42.8244, 39.1717,
99.9115

■ 35.2799, 30.0773,
98.5538

■ 52.0454, 50.1161,
101.5380

■ 29.3059, 22.7254,
97.4496

■ 63.0324, 63.0014,
103.4461

■ 24.7901, 17.0035,
96.5832

■ 75.8732, 77.9178,
105.6484

■ 21.6032, 12.7842,
95.9367

■ 90.6485, 94.9482,
108.1569

■ 19.5920, 9.9195,
95.4898

95.0500, 100.0000,
108.9000

■ 18.7250, 8.5699,
95.2750

Harmonies

Analogous

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



34.5870, 39.1717, 103.5059



42.8244, 39.1717, 99.9115



50.5040, 39.1717, 78.2969

Triad

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



42.8244, 39.1717, 99.9115



48.1862, 39.1717, 16.7673



23.8858, 39.1717, 35.3520

Complementary

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



42.8244, 39.1717, 99.9115



77.2958, 85.0696, 39.5422

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.



26.5155, 39.1717, 19.8966



42.8244, 39.1717, 99.9115



40.0075, 39.1717, 12.0499

Square

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



42.8244, 39.1717, 99.9115



53.8978, 39.1717, 29.1262



32.1481, 39.1717, 12.9379



24.4127, 39.1717, 59.8242

Rectangle

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



42.8244, 39.1717, 99.9115



53.8968, 39.1717, 59.8313



32.1481, 39.1717, 12.9379



24.4133, 39.1717, 29.1218

Sweetspot

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



42.8257, 39.1731, 99.9117



75.5196, 77.5087, 105.5881



63.1433, 83.8428, 94.2463



15.5250, 15.8496, 22.4910



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.



42.8257, 39.1731, 99.9117



36.4792, 31.5344, 98.7718



48.1335, 37.9885, 99.4033



17.2181, 17.8078, 22.7797



9.8485, 4.6065, 49.8047



1.0199, 0.5705, 4.8696

Inverse Universe

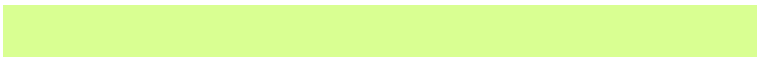
The Inverse Universe completely reimagines the original color for something new.



58.0415, 44.4280, 39.7000



53.6043, 37.9294, 30.8968



69.5199, 88.3245, 40.5803



18.1180, 18.0305, 19.2385



21.7592, 11.1930, 2.1167



2.1494, 1.1021, 0.3681

Previews

White Background



This preview shows how the XYZ color 42.8244, 39.1717, 99.9115 looks on a white background.

Color Contrast Check

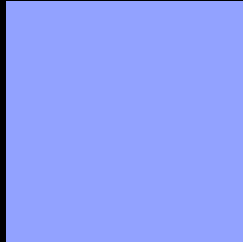
Large Text (above 18pt) WCAG AA × Fail

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 42.8244, 39.1717, 99.9115 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 42.8244, 39.1717, 99.9115

Background



This preview shows how black text looks on a background with the XYZ color 42.8244, 39.1717, 99.9115.



This preview shows how white text looks on a background with the XYZ color 42.8244, 39.1717,

99.9115.

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

42.8244, 39.1717, 99.9115

Protanopia

41.6585, 39.3645, 100.0102

Deuteranopia

40.4605, 39.3052, 99.2201



Tritanopia

33.6775, 39.0448, 54.4766

Trichromacy



Original Color

42.8244, 39.1717, 99.9115

Protanomaly

42.1407, 39.3464, 99.9813

Deuteranomaly

41.1760, 39.1344, 99.1494

Tritanomaly

36.5040, 38.7554, 69.1749

Monochromacy



Original Color

42.8244, 39.1717, 99.9115

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.5587, 38.9162, 60.1229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8244, 39.1717, 99.9115 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(146, 162, 255)` looks like.

```
.text, #text, p{  
    color:rgb(146, 162, 255)  
}
```

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(146, 162, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 162, 255) }
```

Border

The CSS property to change the border of an element to XYZ 42.8244, 39.1717, 99.9115 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(146, 162, 255) }
```


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

```
.border{ border-color:rgb(146, 162, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 162, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 162, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 162, 255);  
box-shadow:4px 4px 4px 4px rgb(146, 162,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 42.8244, 39.1717, 99.9115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 162, 255) }
```

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

```
.background{ background-color: rgb(146,  
162, 255) }
```

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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