

Converting Colors

XYZ(43.6486, 39.8430, 92.7722)

Have a look what the booklet for
XYZ(43.6486, 39.8430, 92.7722)
contains.

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Color

**XYZ(43.4595, 39.6626,
92.5539)**

Conversions

Conversions Part 1

Format	Color
Hex	9DA2F6
RGB	157, 162, 246
RGB Percent	62%, 64%, 96%
CMY	0.3843, 0.3647, 0.0353
CMYK	0.36, 0.34, 0.00, 0.04
HSL	237°, 83%, 79%
HSV	237°, 36%, 96%
XYZ	43.4595, 39.6626, 92.5539
YIQ	170.0810, -29.9440, 25.0640

Conversions

Conversions Part 2

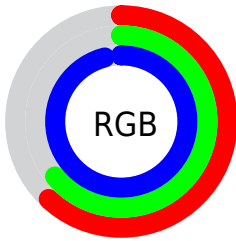
Format	Color
R _Y B	157, 162, 246
Decimal	10330870
CIE Lab	69.23, 17.83, -42.51
CIE LCh	69, 46.100, 292.760
Yxy	39.6626, 0.2474, 0.2258
Android (android.graphics.Color)	4288520950 (0xFF9DA2F6)
YUV	170.0810, 37.4281, -11.4720
Hunter-Lab	62.9783, 12.9658, -43.0488

Details

The XYZ color **43.4595, 39.6626, 92.5539** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **75.5483, 84.9390, 44.3130**, and the grayscale version is **38.0801, 40.0632, 43.6288**.

A 20% lighter version of the original color is **70.5944, 71.1418, 104.6188**, and **20.3492, 17.8678, 50.5204** is the 20% darker color. If you saturate the color by 10%, you get **35.4152, 29.9950, 91.1126**, and if you desaturate by 10%, it is **53.2280, 51.3414, 94.2940**.

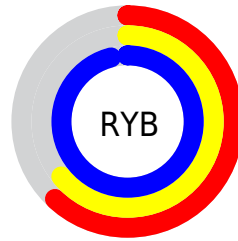
Distribution



Red (62%)

Green (64%)

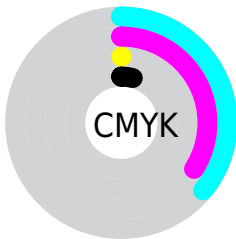
Blue (96%)



Red (62%)

Yellow (64%)

Blue (96%)

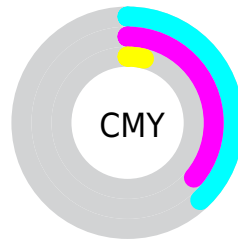


Cyan (36%)

Magenta (34%)

Yellow (0%)

Black (4%)



Cyan (38%)

Magenta (36%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4595, 39.6626, 92.5539 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 43.4595, 39.6626, 92.5539 by changing the saturation by 10% instead.

■ 43.4595, 39.6626,
92.5539

■ 43.4595, 39.6626,
92.5539

351.3876,
344.6994, 557.0871

■ 30.4419, 27.2756,
69.5152

■ 79.6552, 74.6495,
152.8472

■ 20.3240, 17.7803,
50.6570

■ 103.5640, 98.0181,
190.9389

■ 12.7404, 10.7924,
35.5609

131.8339,
125.8160, 234.8853

■ 7.3258, 5.9274,
23.8083

164.8303,
158.4277, 285.1049

■ 3.7148, 2.8010,
14.9806

202.9185,
196.2375, 342.0164

■ 1.5421, 1.0287,
8.6593

246.4639,

■ 0.3542, 0.0000,

239.6298, 406.0382

4.4258

295.8318,
288.9889, 477.5889

■ 0.0000, 0.0000,
1.8618

■ 0.0000, 0.0000,
0.4682

■ 43.4595, 39.6626,
92.5539

■ 43.4595, 39.6626,
92.5539

■ 35.4152, 29.9950,
91.1126

■ 53.2280, 51.3414,
94.2940

■ 28.9907, 22.2208,
89.9506

■ 64.8081, 65.1313,
96.3454

■ 24.0774, 16.2169,
89.0507

■ 78.2868, 81.1309,
98.7232

■ 20.5510, 11.8439,
88.3925

■ 93.5951, 99.3547,
101.4339

■ 18.2681, 8.9411,
87.9525

■ 93.6347, 99.4339,
101.4471

■ 17.0528, 7.3153,
87.7028

■ 16.7893, 6.9631,
87.6487

Harmonies

Analogous

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



35.9377, 39.6626, 97.3570



43.4595, 39.6626, 92.5539



50.1628, 39.6626, 72.7472

Triad

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



43.4595, 39.6626, 92.5539



46.9551, 39.6626, 18.2368



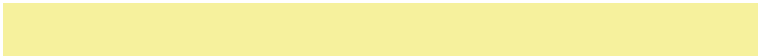
25.2992, 39.6626, 38.2635

Complementary

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



43.4595, 39.6626, 92.5539



75.5483, 84.9390, 44.3130

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.



27.4909, 39.6626, 22.9636



43.4595, 39.6626, 92.5539



39.5151, 39.6626, 14.1119

Square

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



43.4595, 39.6626, 92.5539



52.3578, 39.6626, 29.2927



32.4698, 39.6626, 15.5030



26.0672, 39.6626, 60.8960

Rectangle

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



43.4595, 39.6626, 92.5539



52.9419, 39.6626, 56.3865



32.4698, 39.6626, 15.5030



25.7033, 39.6626, 32.2251

Sweetspot

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



43.4609, 39.6641, 92.5548



77.6010, 79.3192, 105.8279



62.5997, 79.3759, 94.5126



16.1879, 16.4766, 22.5771



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.



43.4609, 39.6641, 92.5548



40.9376, 35.5691, 99.3156



51.3453, 42.4472, 92.6765



15.6559, 16.0760, 20.8204



8.9924, 3.7786, 46.7934



0.8161, 0.3837, 4.1213

Inverse Universe

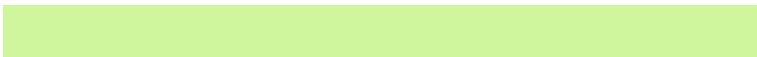
The Inverse Universe completely reimagines the original color for something new.



56.5858, 46.3170, 40.1415



57.0464, 43.8689, 34.9564



64.8962, 81.6748, 44.2444



16.5369, 16.4976, 17.3077



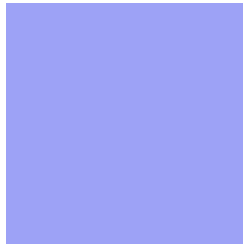
20.3435, 10.4808, 1.2511



1.8010, 0.9264, 0.1785

Previews

White Background



This preview shows how the XYZ color 43.4595, 39.6626, 92.5539 looks on a white background.

Color Contrast Check

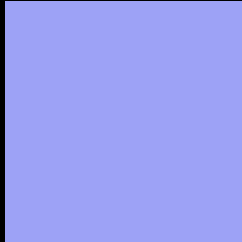
Large Text (above 18pt) WCAG AA × Fail

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 43.4595, 39.6626, 92.5539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

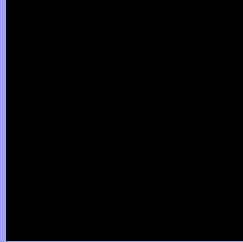
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.4595, 39.6626, 92.5539

Background



This preview shows how black text looks on a background with the XYZ color 43.4595, 39.6626, 92.5539.



This preview shows how white text looks on a background with the XYZ color 43.4595, 39.6626,

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

43.4595, 39.6626, 92.5539

Protanopia

41.7196, 39.7747, 95.1010

Deuteranopia

40.7814, 39.6333, 91.8868



Tritanopia

35.7148, 39.8322, 53.3830

Trichromacy



Original Color

43.4595, 39.6626, 92.5539

Protanomaly

42.4310, 39.8906, 94.2702

Deuteranomaly

41.6136, 39.5226, 91.8215

Tritanomaly

38.2778, 39.7425, 65.9752

Monochromacy



Original Color

43.4595, 39.6626, 92.5539

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.5288, 39.7140, 59.0083

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4595, 39.6626, 92.5539 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(157, 162, 246)` looks like.

```
.text, #text, p{  
    color:rgb(157, 162, 246)  
}
```

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(157, 162, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 162, 246) }
```

Border

The CSS property to change the border of an element to XYZ 43.4595, 39.6626, 92.5539 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(157, 162, 246) }
```


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

```
.border{ border-color:rgb(157, 162, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 162, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 162, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 162, 246);  
box-shadow:4px 4px 4px 4px rgb(157, 162,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4595, 39.6626, 92.5539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 162, 246) }
```

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

```
.background{ background-color: rgb(157,  
162, 246) }
```

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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