

Converting Colors

XYZ(41.1292, 35.0280, 99.2011)

Have a look what the booklet for
XYZ(41.1292, 35.0280, 99.2011)
contains.

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Color

**XYZ(41.1919, 35.1045,
99.2125)**

Conversions

Conversions Part 1

Format	Color
Hex	9595FF
RGB	149, 149, 255
RGB Percent	58%, 58%, 100%
CMY	0.4157, 0.4157, 0.0000
CMYK	0.42, 0.42, 0.00, 0.00
HSL	240°, 100%, 79%
HSV	240°, 42%, 100%
XYZ	41.1919, 35.1045, 99.2125
YIQ	161.0840, -34.0260, 32.9660

Conversions

Conversions Part 2

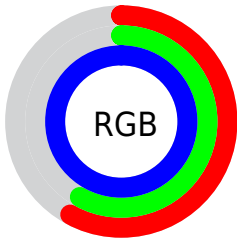
Format	Color
R_{YB}	149, 149, 255
Decimal	9803263
CIE _{Lab}	65.83, 25.66, -52.81
CIE _{LCh}	66, 58.714, 295.919
Y _{xy}	35.1045, 0.2347, 0.2000
Android (android.graphics.Color)	4287993343 (0xFF9595FF)
YUV	161.0840, 46.3006, -10.5977
Hunter-Lab	59.2491, 20.4133, -57.8067

Details

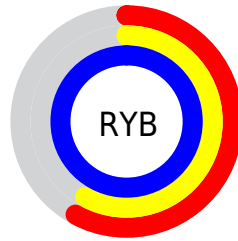
The XYZ color **41.1919, 35.1045, 99.2125** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **82.4242, 94.9496, 42.4177**, and the grayscale version is **33.7195, 35.4755, 38.6328**.

A 20% lighter version of the original color is **65.1381, 63.1973, 103.3729**, and **18.9744, 15.0879, 55.3383** is the 20% darker color. If you saturate the color by 10%, you get **33.4363, 25.7592, 97.8175**, and if you desaturate by 10%, it is **50.8514, 46.7433, 100.9499**.

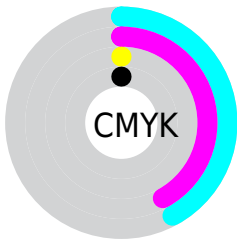
Distribution



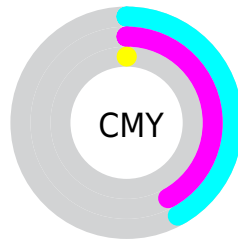
- Red (58%)
- Green (58%)
- Blue (100%)



- Red (58%)
- Yellow (58%)
- Blue (100%)



- Cyan (42%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1919, 35.1045, 99.2125 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 41.1919, 35.1045, 99.2125 by changing the saturation by 10% instead.

■ 41.1919, 35.1045,
99.2125

■ 41.1919, 35.1045,
99.2125

342.1709,
325.0293, 578.8900

■ 28.6574, 23.7434,
75.0298

■ 76.2480, 67.6476,
162.1170

■ 18.9648, 15.1434,
55.1354

■ 99.5003, 89.5984,
201.6759

■ 11.7487, 8.9201,
39.1108

127.0559,
115.8479, 247.1972

■ 6.6438, 4.6891,
26.5375

159.2801,
146.7805, 299.0996

■ 3.2847, 2.0660,
16.9968

196.5384,
182.7805, 357.8015

■ 1.3060, 0.6454,
10.0703

239.1961,

■ 0.1877, 0.0000,

224.2324, 423.7215

5.3394

287.6185,
271.5205, 497.2782

■ 0.0000, 0.0000,
2.3855

■ 0.0000, 0.0000,
0.7785

■ 41.1919, 35.1045,
99.2125

■ 41.1919, 35.1045,
99.2125

■ 33.4363, 25.7592,
97.8175

■ 50.8514, 46.7433,
100.9499

■ 27.4556, 18.5528,
96.7417

■ 62.5253, 60.8096,
103.0497

■ 23.1104, 13.3172,
95.9602

■ 76.3197, 77.4311,
105.5310

■ 20.2392, 9.8577,
95.4437

■ 92.3326, 96.7257,
108.4112

■ 18.6476, 7.9400,
95.1575

95.0500, 100.0000,
108.9000

■ 18.0501, 7.2200,
95.0500

Harmonies

Analogous

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



32.1940, 35.1045, 108.3151



41.1919, 35.1045, 99.2125



49.1568, 35.1045, 71.6841

Triad

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



41.1919, 35.1045, 99.2125



43.6009, 35.1045, 10.7566



19.3523, 35.1045, 34.9266

Complementary

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



41.1919, 35.1045, 99.2125



82.4242, 94.9496, 42.4177

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.



21.3803, 35.1045, 17.2334



41.1919, 35.1045, 99.2125



34.5656, 35.1045, 7.6481

Square

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



41.1919, 35.1045, 99.2125



50.7081, 35.1045, 20.9282



26.5996, 35.1045, 9.3632



20.5110, 35.1045, 63.1061

Rectangle

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



41.1919, 35.1045, 99.2125



52.2777, 35.1045, 51.0477



26.5996, 35.1045, 9.3632



19.6729, 35.1045, 27.7488

Sweetspot

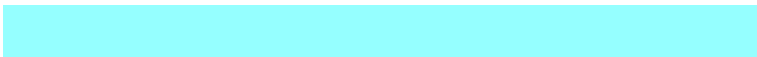
The Sweet Spot groups the original color and five complimentary colors.



41.1931, 35.1057, 99.2127



75.6781, 76.6580, 105.4155



66.2049, 85.1298, 107.5501



15.7887, 15.9145, 22.4896



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.



41.1931, 35.1057, 99.2127



34.5316, 27.0789, 98.0145



53.1553, 41.2724, 99.7725



17.0031, 17.3778, 22.7080



9.4316, 3.7726, 49.6657



0.9183, 0.3673, 4.8358

Inverse Universe

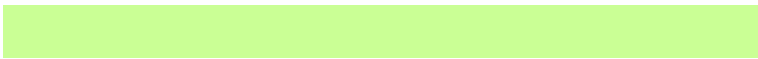
The Inverse Universe completely reimagines the original color for something new.



70.0375, 49.9756, 100.5608



66.9437, 43.7881, 99.5291



65.5425, 86.2467, 41.6277



18.7927, 18.3004, 22.7917



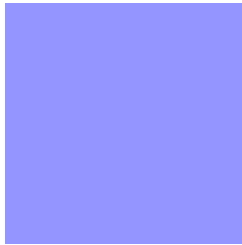
30.9799, 14.8812, 50.6718



3.0164, 1.4489, 4.9338

Previews

White Background



This preview shows how the XYZ color 41.1919, 35.1045, 99.2125 looks on a white background.

Color Contrast Check

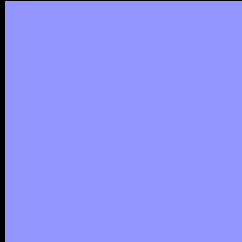
Large Text (above 18pt) WCAG AA × Fail

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 41.1919, 35.1045, 99.2125 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 41.1919, 35.1045, 99.2125

Background



This preview shows how black text looks on a background with the XYZ color 41.1919, 35.1045, 99.2125.



This preview shows how white text looks on a background with the XYZ color 41.1919, 35.1045,

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

41.1919, 35.1045, 99.2125

Protanopia

37.9645, 35.1345, 99.3884

Deuteranopia

36.4848, 35.4216, 97.8426



Tritanopia

30.9788, 35.2729, 47.8234

Trichromacy



Original Color

41.1919, 35.1045, 99.2125

Protanomaly

38.9570, 34.9080, 99.2924

Deuteranomaly

37.9462, 35.1436, 98.5494

Tritanomaly

34.1498, 34.9650, 63.9805

Monochromacy



Original Color

41.1919, 35.1045, 99.2125

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

35.8119, 35.2222, 56.5408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1919, 35.1045, 99.2125 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(149, 149, 255)` looks like.

```
.text, #text, p{  
    color:rgb(149, 149, 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(149, 149, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 149, 255) }
```

Border

The CSS property to change the border of an element to XYZ 41.1919, 35.1045, 99.2125 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(149, 149, 255) }
```


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

```
.border{ border-color:rgb(149, 149, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 149, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 149, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 149, 255);  
box-shadow:4px 4px 4px 4px rgb(149, 149,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1919, 35.1045, 99.2125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 149, 255) }
```

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

```
.background{ background-color: rgb(149,  
149, 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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