

Converting Colors

XYZ(41.8322, 39.4911, 98.3463)

Have a look what the booklet for
XYZ(41.8322, 39.4911, 98.3463)
contains.

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Color

**XYZ(41.8322, 39.4911,
98.3463)**

Conversions

Conversions Part 1

Format	Color
Hex	8BA5FD
RGB	139, 165, 253
RGB Percent	55%, 65%, 99%
CMY	0.4549, 0.3529, 0.0078
CMYK	0.45, 0.35, 0.00, 0.01
HSL	226°, 97%, 77%
HSV	226°, 45%, 99%
XYZ	41.8322, 39.4911, 98.3463
YIQ	167.2580, -43.7440, 21.8560

Conversions

Conversions Part 2

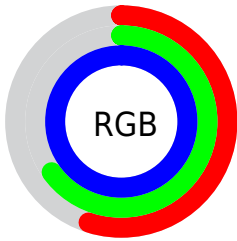
Format	Color
RYB	139, 160, 253
Decimal	9151997
CIELab	69.11, 13.50, -46.59
CIELCh	69, 48.510, 286.153
Yxy	39.4911, 0.2328, 0.2198
Android (android.graphics.Color)	4287342077 (0xFF8BA5FD)
YUV	167.2580, 42.2708, -24.7823
Hunter-Lab	62.8419, 8.8493, -48.7982

Details

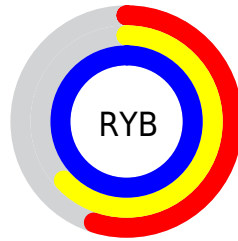
The XYZ color **41.8322, 39.4911, 98.3463** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **72.6389, 77.6869, 35.5945**, and the grayscale version is **36.6732, 38.5831, 42.0170**.

A 20% lighter version of the original color is **66.6692, 70.2767, 104.6587**, and **19.3745, 17.7695, 54.6333** is the 20% darker color. If you saturate the color by 10%, you get **34.8286, 31.0450, 97.0859**, and if you desaturate by 10%, it is **50.3540, 49.5197, 99.8336**.

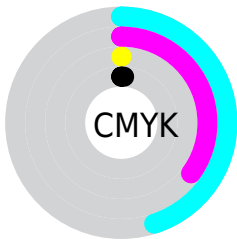
Distribution



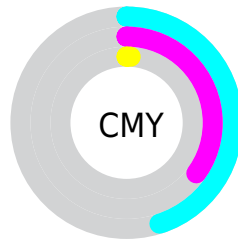
- Red (55%)
- Green (65%)
- Blue (99%)



- Red (55%)
- Yellow (63%)
- Blue (99%)



- Cyan (45%)
- Magenta (35%)
- Yellow (0%)
- Black (1%)



- Cyan (45%)
- Magenta (35%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.8322, 39.4911, 98.3463 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 41.8322, 39.4911, 98.3463 by changing the saturation by 10% instead.

■ 41.8322, 39.4911,
98.3463

■ 41.8322, 39.4911,
98.3463

344.7903,
343.9739, 576.0790

■ 29.1605, 27.1420,
74.3110

■ 77.2124, 74.3880,
160.9148

■ 19.3471, 17.6799,
54.5503

■ 100.6515, 97.7045,
200.2850

■ 12.0269, 10.7204,
38.6456

128.4105,
125.4456, 245.6040

■ 6.8343, 5.8792,
26.1785

160.8546,
157.9957, 297.2903

■ 3.4041, 2.7717,
16.7302

198.3493,
195.7392, 355.7624

■ 1.3709, 1.0138,
9.8824

241.2600,

■ 0.2353, 0.0000,

239.0605, 421.4388

5.2165

289.9518,
288.3439, 494.7382

■ 0.0000, 0.0000,
2.3139

■ 0.0000, 0.0000,
0.7390

■ 41.8322, 39.4911,
98.3463

■ 41.8322, 39.4911,
98.3463

■ 34.8286, 31.0450,
97.0859

■ 50.3540, 49.5197,
99.8336

■ 29.2462, 24.0934,
96.0384

■ 60.4743, 61.2040,
101.5555

■ 24.9830, 18.5453,
95.1922

■ 72.2727, 74.6175,
103.5228

■ 21.9206, 14.2976,
94.5337

■ 85.8222, 89.8282,
105.7446

■ 19.9167, 11.2300,
94.0472

94.7298, 99.8719,
107.2137

■ 19.2277, 10.0878,
93.8630

Harmonies

Analogous

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



34.0830, 39.4911, 99.1197



41.8322, 39.4911, 98.3463



49.3312, 39.4911, 79.8237

Triad

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



41.8322, 39.4911, 98.3463



48.8243, 39.4911, 18.9930



24.8539, 39.4911, 33.5791

Complementary

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



41.8322, 39.4911, 98.3463



72.6389, 77.6869, 35.5945

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.



27.7875, 39.4911, 19.7059



41.8322, 39.4911, 98.3463



41.2128, 39.4911, 13.4612

Square

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



41.8322, 39.4911, 98.3463



53.7318, 39.4911, 32.1922



33.5428, 39.4911, 13.6671



24.9719, 39.4911, 55.9885

Rectangle

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



41.8322, 39.4911, 98.3463



52.8685, 39.4911, 62.6477



33.5428, 39.4911, 13.6671



25.4963, 39.4911, 27.9594

Sweetspot

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



41.8337, 39.4925, 98.3473



74.9438, 77.5068, 105.6181



59.5565, 81.2536, 84.7855



15.4457, 15.9172, 22.5082



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.



41.8337, 39.4925, 98.3473



36.1271, 32.4240, 98.9621



43.4121, 34.0383, 97.2113



17.3390, 18.0497, 22.8200



10.3180, 5.5455, 49.9612



1.0827, 0.6961, 4.8906

Inverse Universe

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



56.5335, 42.0662, 40.7385



53.0375, 36.2131, 32.5043



70.0951, 87.7402, 37.6691



18.1790, 18.0549, 19.5599



21.9962, 11.2878, 3.3647



2.1811, 1.1148, 0.5351

Previews

White Background



This preview shows how the XYZ color 41.8322, 39.4911, 98.3463 looks on a white background.

Color Contrast Check

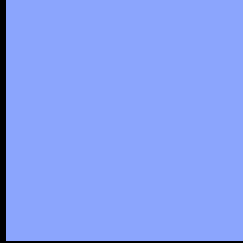
Large Text (above 18pt) WCAG AA × Fail

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 41.8322, 39.4911, 98.3463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

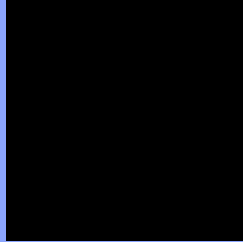
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.8322, 39.4911, 98.3463

Background



This preview shows how black text looks on a background with the XYZ color 41.8322, 39.4911, 98.3463.



This preview shows how white text looks on a background with the XYZ color 41.8322, 39.4911,

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

41.8322, 39.4911, 98.3463

Protanopia

41.6660, 39.4054, 98.3385

Deuteranopia

40.4427, 39.3328, 97.5559



Tritanopia

33.2626, 39.3876, 55.7186

Trichromacy



Original Color

41.8322, 39.4911, 98.3463

Protanomaly

41.6660, 39.4054, 98.3385

Deuteranomaly

40.8798, 39.2873, 97.5241

Tritanomaly

35.9833, 39.3314, 69.3135

Monochromacy



Original Color

41.8322, 39.4911, 98.3463

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.7339, 38.5178, 58.8720

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8322, 39.4911, 98.3463 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(139, 165, 253)` looks like.

```
.text, #text, p{  
    color:rgb(139, 165, 253)  
}
```

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(139, 165, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 165, 253) }
```

Border

The CSS property to change the border of an element to XYZ 41.8322, 39.4911, 98.3463 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(139, 165, 253) }
```


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

```
.border{ border-color:rgb(139, 165, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 165, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 165, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 165, 253);  
box-shadow:4px 4px 4px 4px rgb(139, 165,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8322, 39.4911, 98.3463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 165, 253) }
```

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

```
.background{ background-color: rgb(139,  
165, 253) }
```

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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