

Converting Colors

XYZ(34.9763, 41.1178, 98.5637)

Have a look what the booklet for
XYZ(34.9763, 41.1178, 98.5637)
contains.

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Color

**XYZ(34.9051, 41.1019,
98.1892)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 19B7FC |
| RGB | 25, 183, 252 |
| RGB Percent | 10%, 72%, 99% |
| CMY | 0.9018, 0.2823, 0.0118 |
| CMYK | 0.90, 0.27, 0.00, 0.01 |
| HSL | 198°, 97%, 54% |
| HSV | 198°, 90%, 99% |
| XYZ | 34.9051, 41.1019, 98.1892 |
| YIQ | 143.6240, -116.3170, -12.0370 |

Conversions

Conversions Part 2

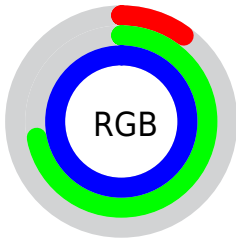
| Format | Color |
|-------------------------------------|---------------------------------|
| R _Y B | 25, 118, 252 |
| Decimal | 1685500 |
| CIE Lab | 70.25, -13.70, -44.52 |
| CIE LCh | 70, 46.583, 252.900 |
| Yxy | 41.1019, 0.2004, 0.2360 |
| Android (android.graphics.Color) | 4279875580 (0xFF19B7FC) |
| YUV | 143.6240, 53.4294, -104.0332 |
| Hunter-Lab | 64.1108, -15.0095, -45.9284 |

Details

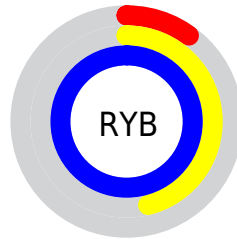
The XYZ color **34.9051, 41.1019, 98.1892** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **44.3273, 28.7783, 4.1404**, and the grayscale version is **26.1892, 27.5531, 30.0053**.

A 20% lighter version of the original color is **56.2526, 72.7349, 105.6822**, and **17.8330, 19.9054, 54.5320** is the 20% darker color. If you saturate the color by 10%, you get **32.9767, 37.8401, 97.6621**, and if you desaturate by 10%, it is **37.4555, 44.8274, 98.7747**.

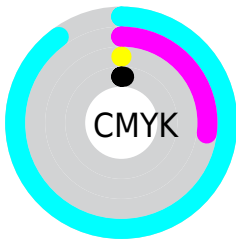
Distribution



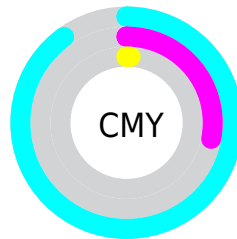
- Red (10%)
- Green (72%)
- Blue (99%)



- Red (10%)
- Yellow (46%)
- Blue (99%)



- Cyan (90%)
- Magenta (27%)
- Yellow (0%)
- Black (1%)



- Cyan (90%)
- Magenta (28%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.9051, 41.1019, 98.1892 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 34.9051, 41.1019, 98.1892 by changing the saturation by 10% instead.

■ 34.9051, 41.1019,
98.1892

■ 34.9051, 41.1019,
98.1892

315.6646,
350.7463, 575.5683

■ 23.7560, 28.3987,
74.1807

■ 66.6737, 76.8386,
160.6966

■ 15.2764, 18.6264,
54.4443

■ 88.0239, 100.6408,
200.0326

■ 9.1012, 11.4007,
38.5614

■ 113.5051,
128.9116, 245.3148

■ 4.8649, 6.3370,
26.1135

■ 143.4828,
162.0352, 296.9618

■ 2.2021, 3.0511,
16.6820

■ 178.3222,
200.3961, 355.3921

■ 0.7439, 1.1585,
9.8485

218.3887,

■ 0.0000, 0.0274,

244.3786, 421.0243

5.1943

264.0478,
294.3673, 494.2768

■ 0.0000, 0.0000,
2.3010

■ 0.0000, 0.0000,
0.7318

■ 34.9051, 41.1019,
98.1892

■ 34.9051, 41.1019,
98.1892

■ 32.9767, 37.8401,
97.6621

■ 37.4555, 44.8274,
98.7747

■ 40.7753, 49.0785,
99.4203

■ 44.9652, 53.9099,
100.1320

■ 50.1086, 59.3662,
100.9141

■ 56.2785, 65.4870,
101.7704

■ 63.5404, 72.3078,
102.7042

■ 71.9539, 79.8612,
103.7187

■ 81.5744, 88.1775,
104.8168

■ 92.4534, 97.2848,
106.0013

Harmonies

Analogous

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



29.2656, 41.1019, 79.9218



34.9051, 41.1019, 98.1892



42.4372, 41.1019, 99.5425

Triad

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



34.9051, 41.1019, 98.1892



55.2006, 41.1019, 36.0049



29.8979, 41.1019, 20.4728

Complementary

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



34.9051, 41.1019, 98.1892



44.3273, 28.7783, 4.1404

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.



35.8785, 41.1019, 15.0006



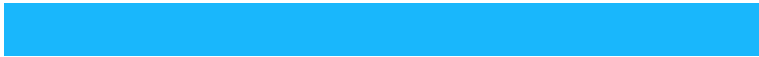
34.9051, 41.1019, 98.1892



50.8416, 41.1019, 21.7943

Square

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



34.9051, 41.1019, 98.1892



54.8506, 41.1019, 58.2940



43.5454, 41.1019, 15.3889



26.6438, 41.1019, 33.4902

Rectangle

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



34.9051, 41.1019, 98.1892



47.5981, 41.1019, 90.1683



43.5454, 41.1019, 15.3889



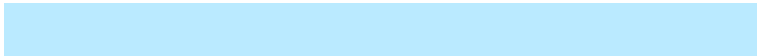
31.6200, 41.1019, 17.9138

Sweetspot

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



34.9066, 41.1033, 98.1902



67.7786, 76.5627, 105.8135



37.1941, 70.6212, 22.0566



13.9077, 15.8406, 22.5745



0.0000, 0.0000, 0.0000



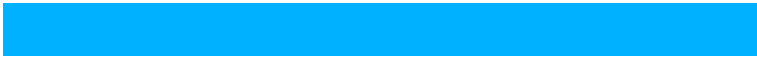
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.9066, 41.1033, 98.1902



33.8665, 38.8530, 100.3222



20.1900, 11.6701, 93.2847



17.2944, 18.6656, 22.0766



17.3138, 19.9833, 50.9182



1.6969, 2.0375, 4.7470

Inverse Universe

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



49.0412, 24.8116, 47.0051



49.2234, 24.4534, 43.9702



62.5393, 65.2023, 10.2111



17.7551, 17.4294, 20.5663



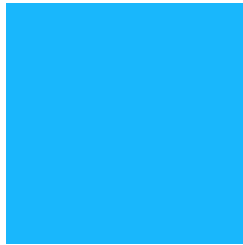
25.0313, 12.4282, 22.6708



2.3654, 1.1699, 2.3478

Previews

White Background



This preview shows how the XYZ color 34.9051, 41.1019, 98.1892 looks on a white background.

Color Contrast Check

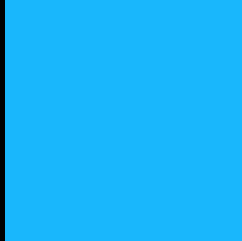
Large Text (above 18pt) WCAG AA × Fail

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 34.9051, 41.1019, 98.1892 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

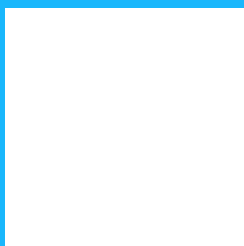
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.9051, 41.1019, 98.1892

Background



This preview shows how black text looks on a background with the XYZ color 34.9051, 41.1019, 98.1892.



This preview shows how white text looks on a background with the XYZ color 34.9051, 41.1019,

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

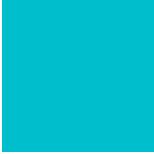
34.9051, 41.1019, 98.1892

Protanopia

41.9436, 40.5924, 88.0625

Deuteranopia

41.9404, 40.8750, 100.2869



Tritanopia

29.3125, 41.1865, 63.5316

Trichromacy



Original Color

34.9051, 41.1019, 98.1892

Protanomaly

36.8662, 39.3024, 91.2310

Deuteranomaly

37.7336, 40.1429, 99.5255

Tritanomaly

30.9341, 40.8192, 74.6551

Monochromacy



Original Color

34.9051, 41.1019, 98.1892

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.1409, 30.6393, 49.3360

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9051, 41.1019, 98.1892 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(25, 183, 252)` looks like.

```
.text, #text, p{  
    color:rgb(25, 183, 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(25, 183, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 183, 252) }
```

Border

The CSS property to change the border of an element to XYZ 34.9051, 41.1019, 98.1892 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(25, 183, 252) }
```


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

```
.border{ border-color:rgb(25, 183, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 183, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 183, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 183, 252);  
box-shadow:4px 4px 4px 4px rgb(25, 183,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9051, 41.1019, 98.1892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 183, 252) }
```

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

```
.background{ background-color: rgb(25, 183,  
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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