

Converting Colors

XYZ(41.5328, 53.4935, 98.9698)

Have a look what the booklet for
XYZ(41.5328, 53.4935, 98.9698)
contains.

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Color

**XYZ(41.5685, 53.6483,
98.6067)**

Conversions

Conversions Part 1

Format	Color
Hex	31D2FA
RGB	49, 210, 250
RGB Percent	19%, 82%, 98%
CMY	0.8078, 0.1765, 0.0196
CMYK	0.80, 0.16, 0.00, 0.02
HSL	192°, 95%, 59%
HSV	192°, 80%, 98%
XYZ	41.5685, 53.6483, 98.6067
YIQ	166.4210, -108.7960, -21.6920

Conversions

Conversions Part 2

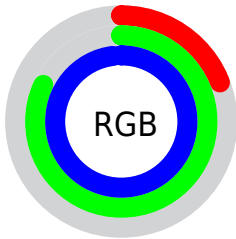
Format	Color
R_{YB}	49, 138, 250
Decimal	3265274
CIE _{Lab}	78.26, -26.75, -30.99
CIE _{LCh}	78, 40.935, 229.201
Yxy	53.6483, 0.2145, 0.2768
Android (android.graphics.Color)	4281455354 (0xFF31D2FA)
YUV	166.4210, 41.2044, -102.9782
Hunter-Lab	73.2450, -26.8752, -28.5482

Details

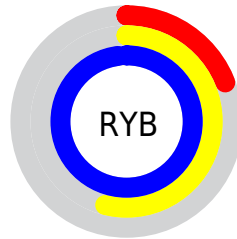
The XYZ color **41.5685, 53.6483, 98.6067** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **43.5532, 27.6935, 5.9576**, and the grayscale version is **36.2968, 38.1871, 41.5857**.

A 20% lighter version of the original color is **62.7121, 83.3292, 107.3866**, and **21.3470, 27.2929, 54.5950** is the 20% darker color. If you saturate the color by 10%, you get **39.4705, 50.7724, 98.1632**, and if you desaturate by 10%, it is **44.3758, 56.9485, 99.0968**.

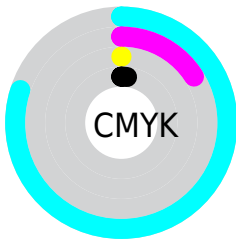
Distribution



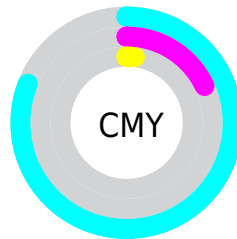
- Red (19%)
- Green (82%)
- Blue (98%)



- Red (19%)
- Yellow (54%)
- Blue (98%)



- Cyan (80%)
- Magenta (16%)
- Yellow (0%)
- Black (2%)




- Cyan (81%)
- Magenta (18%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.5685, 53.6483, 98.6067 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 41.5685, 53.6483, 98.6067 by changing the saturation by 10% instead.


 41.5685, 53.6483,
98.6067


 41.5685, 53.6483,
98.6067


343.7132,
400.7674, 576.9248


 28.9532, 38.3206,
74.5271


 76.8154, 95.5577,
161.2763


 19.1895, 26.2316,
54.7261


 100.1777,
122.9081, 200.7033

 11.9121, 16.9970,
38.7854


 127.8531,
155.0348, 246.0832

 6.7556, 10.2323,
26.2863

 160.2069,
192.3223, 297.8345

 3.3547, 5.5533,
16.8102

197.6044,
235.1549, 356.3758

 1.3440, 2.5754,
9.9388

240.4111,

 0.2158, 0.9143,

283.9170, 422.1256

5.2533

288.9922,
338.9931, 495.5024

■ 0.0000, 0.0000,
2.3353

■ 0.0000, 0.0000,
0.7509

■ 41.5685, 53.6483,
98.6067

■ 41.5685, 53.6483,
98.6067

■ 39.4705, 50.7724,
98.1632

■ 44.3758, 56.9485,
99.0968

■ 37.9672, 48.3256,
97.7702

■ 47.9841, 60.7179,
99.6342

■ 52.4763, 65.0006,
100.2241

■ 57.9234, 69.8338,
100.8699

■ 64.3890, 75.2507,
101.5747

■ 71.9310, 81.2817,
102.3412

■ 80.6028, 87.9547,
103.1722

■ 90.4543, 95.2959,
104.0700

■ 94.1857, 99.5426,
104.6930

Harmonies

Analogous

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



37.7764, 53.6483, 74.1674



41.5685, 53.6483, 98.6067



48.1574, 53.6483, 113.3880

Triad

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



41.5685, 53.6483, 98.6067



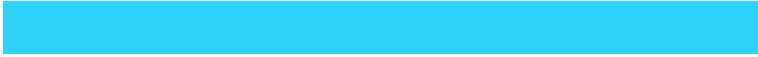
67.6792, 53.6483, 67.0810



46.0881, 53.6483, 25.8574

Complementary

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



41.5685, 53.6483, 98.6067



43.5532, 27.6935, 5.9576

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.



53.9338, 53.6483, 24.8973



41.5685, 53.6483, 98.6067



66.9758, 53.6483, 45.0657

Square

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



41.5685, 53.6483, 98.6067



63.5716, 53.6483, 92.2644



61.7398, 53.6483, 30.9649



40.1906, 53.6483, 34.0578

Rectangle

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



41.5685, 53.6483, 98.6067



53.4956, 53.6483, 113.7210



61.7398, 53.6483, 30.9649



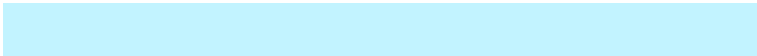
48.5661, 53.6483, 24.7764

Sweetspot

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



41.5703, 53.6502, 98.6080



72.2437, 82.6566, 106.7544



37.1277, 69.6951, 20.2712



14.8646, 17.2125, 22.7888



0.0000, 0.0000, 0.0000



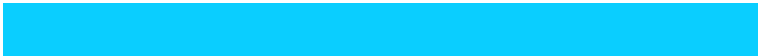
20.3446, 21.4041, 23.3091

Same Dimension

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



41.5703, 53.6502, 98.6080



40.3168, 51.5641, 102.4357



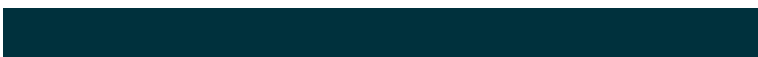
24.3905, 19.2907, 92.8814



17.4552, 18.9872, 22.1302



20.2429, 25.8414, 51.8945



1.9469, 2.5374, 4.8303

Inverse Universe

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



52.1570, 27.1756, 63.4711



52.5255, 25.9514, 60.8127



57.6136, 55.8143, 10.6444



17.8363, 17.4619, 20.9936



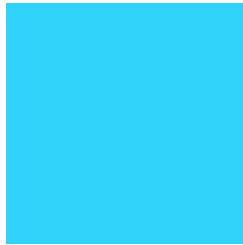
26.5097, 13.0196, 30.4563



2.4916, 1.2204, 3.0122

Previews

White Background



This preview shows how the XYZ color 41.5685, 53.6483, 98.6067 looks on a white background.

Color Contrast Check

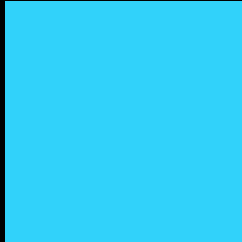
Large Text (above 18pt) WCAG AA × Fail

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 41.5685, 53.6483, 98.6067 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 41.5685, 53.6483, 98.6067

Background



This preview shows how black text looks on a background with the XYZ color 41.5685, 53.6483, 98.6067.

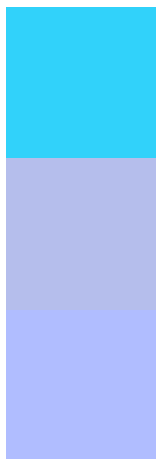


This preview shows how white text looks on a background with the XYZ color 41.5685, 53.6483,

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

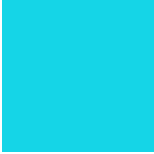
41.5685, 53.6483, 98.6067

Protanopia

52.6098, 52.7068, 86.7575

Deuteranopia

54.1521, 52.8453, 101.9538



Tritanopia

38.5273, 53.5175, 83.9006

Trichromacy



Original Color

41.5685, 53.6483, 98.6067



Protanomaly

45.5163, 51.2699, 90.7162



Deuteranomaly

46.9018, 51.7702, 100.4492



Tritanomaly

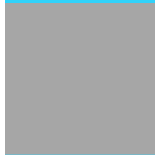
39.5412, 53.5513, 89.1413

Monochromacy



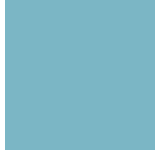
Original Color

41.5685, 53.6483, 98.6067



Achromatopsia

36.2450, 38.1326, 41.5264



Achromatomaly

34.9744, 41.6981, 59.0285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5685, 53.6483, 98.6067 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(49, 210, 250)` looks like.

```
.text, #text, p{  
    color:rgb(49, 210, 250)  
}
```

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(49, 210, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 210, 250) }
```

Border

The CSS property to change the border of an element to XYZ 41.5685, 53.6483, 98.6067 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(49, 210, 250) }
```


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

```
.border{ border-color:rgb(49, 210, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 210, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 210, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 210, 250);  
box-shadow:4px 4px 4px 4px rgb(49, 210,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5685, 53.6483, 98.6067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 210, 250) }
```

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

```
.background{ background-color: rgb(49, 210,  
250) }
```

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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