

Converting Colors

XYZ(50.3219, 54.8789, 98.6472)

Have a look what the booklet for
XYZ(50.3219, 54.8789, 98.6472)
contains.

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Color

**XYZ(50.3547, 54.9713,
98.3990)**

Conversions

Conversions Part 1

Format	Color
Hex	94C9FA
RGB	148, 201, 250
RGB Percent	58%, 79%, 98%
CMY	0.4196, 0.2118, 0.0196
CMYK	0.41, 0.20, 0.00, 0.02
HSL	209°, 91%, 78%
HSV	209°, 41%, 98%
XYZ	50.3547, 54.9713, 98.3990
YIQ	190.7390, -47.3170, 4.0030

Conversions

Conversions Part 2

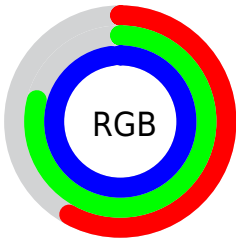
Format	Color
R_{YB}	148, 183, 250
Decimal	9751034
CIE _{Lab}	79.02, -5.01, -29.53
CIE _{LCh}	79, 29.949, 260.370
Yxy	54.9713, 0.2472, 0.2698
Android (android.graphics.Color)	4287941114 (0xFF94C9FA)
YUV	190.7390, 29.2157, -37.4821
Hunter-Lab	74.1426, -8.5196, -26.7874

Details

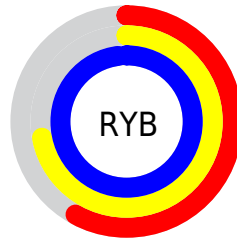
The XYZ color **50.3547, 54.9713, 98.3990** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.7372, 62.3960, 36.6505**, and the grayscale version is **49.2275, 51.7912, 56.4006**.

A 20% lighter version of the original color is **78.9868, 91.7191, 108.1483**, and **24.4730, 26.9930, 54.3724** is the 20% darker color. If you saturate the color by 10%, you get **43.6208, 47.5060, 97.3140**, and if you desaturate by 10%, it is **58.2877, 63.3821, 99.6053**.

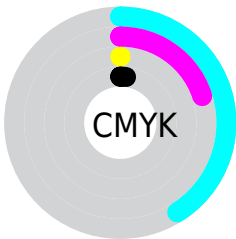
Distribution



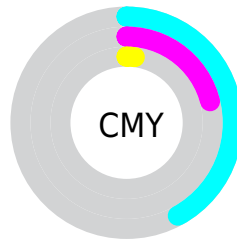
- Red (58%)
- Green (79%)
- Blue (98%)



- Red (58%)
- Yellow (72%)
- Blue (98%)



- Cyan (41%)
- Magenta (20%)
- Yellow (0%)
- Black (2%)



- Cyan (42%)
- Magenta (21%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.3547, 54.9713, 98.3990 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 50.3547, 54.9713, 98.3990 by changing the saturation by 10% instead.

■ 50.3547, 54.9713,
98.3990

■ 50.3547, 54.9713,
98.3990

378.4805,
405.8031, 576.2502

■ 35.9143, 39.3787,
74.3547

■ 89.8889, 97.4989,
160.9879

■ 24.5378, 27.0545,
54.5859

■ 115.7133,
125.2027, 200.3697

■ 15.8599, 17.6142,
38.6739

146.0632,
157.7125, 245.7010

■ 9.5153, 10.6733,
26.2003

181.3037,
195.4125, 297.4005

■ 5.1386, 5.8476,
16.7464

221.8004,
238.6871, 355.8866

■ 2.3644, 2.7526,
9.8938

267.9185,

■ 0.8273, 1.0040,

287.9209, 421.5779

5.2239

320.0234,
343.4981, 494.8929

■ 0.0000, 0.0000,
2.3182

■ 0.0000, 0.0000,
0.7414

■ 50.3547, 54.9713,
98.3990

■ 50.3547, 54.9713,
98.3990

■ 43.6208, 47.5060,
97.3140

■ 58.2877, 63.3821,
99.6053

■ 38.0119, 40.9371,
96.3416

■ 67.4768, 72.7714,
100.9333

■ 33.4540, 35.2198,
95.4783

■ 77.9820, 83.1782,
102.3883

■ 29.8600, 30.3015,
94.7184

■ 89.8574, 94.6371,
103.9742

■ 27.1272, 26.1208,
94.0555

■ 94.2555, 99.6822,
104.7162

■ 25.2254, 22.8420,
93.5229

Harmonies

Analogous

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



45.2739, 54.9713, 88.8615



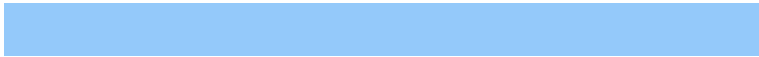
50.3547, 54.9713, 98.3990



56.3405, 54.9713, 96.2005

Triad

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



50.3547, 54.9713, 98.3990



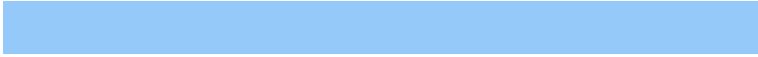
63.7464, 54.9713, 49.1403



43.9091, 54.9713, 41.2645

Complementary

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



50.3547, 54.9713, 98.3990



64.7372, 62.3960, 36.6505

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.



48.3597, 54.9713, 34.0549



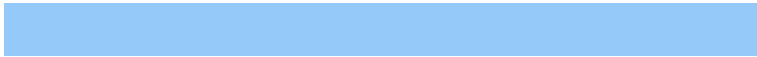
50.3547, 54.9713, 98.3990



59.9051, 54.9713, 37.9659

Square

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



50.3547, 54.9713, 98.3990



64.3826, 54.9713, 65.5148



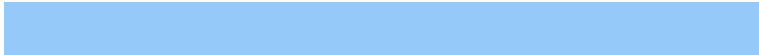
54.1893, 54.9713, 32.9746



41.7438, 54.9713, 54.5298

Rectangle

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



50.3547, 54.9713, 98.3990



60.0295, 54.9713, 88.5069



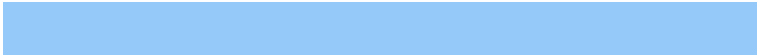
54.1893, 54.9713, 32.9746



45.1708, 54.9713, 38.1676

Sweetspot

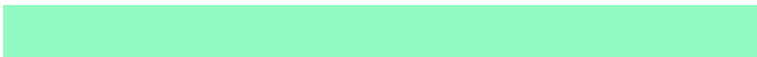
The Sweet Spot groups the original color and five complimentary colors.



50.3565, 54.9734, 98.4003



80.1631, 85.6284, 106.9106



56.3182, 78.6357, 64.1979



16.8383, 18.0138, 22.8395



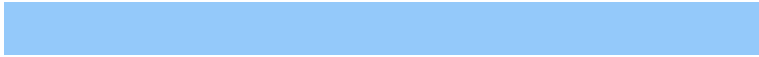
0.0000, 0.0000, 0.0000



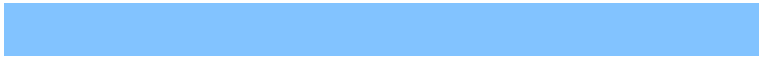
20.3446, 21.4041, 23.3091

Same Dimension

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



50.3565, 54.9734, 98.4003



46.7733, 50.9891, 101.9844



40.6009, 35.4621, 95.1484



17.0292, 18.1352, 21.9882



13.5252, 12.4060, 49.6553



1.3589, 1.3614, 4.6343

Inverse Universe

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



60.5584, 45.7226, 60.8940



59.0769, 41.1776, 56.4498



77.9094, 88.7404, 41.0412



17.6213, 17.3759, 19.8614



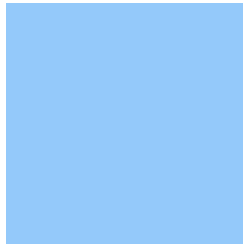
23.1189, 11.6633, 12.6007



2.1948, 1.1017, 1.4493

Previews

White Background



This preview shows how the XYZ color 50.3547, 54.9713, 98.3990 looks on a white background.

Color Contrast Check

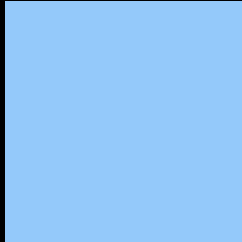
Large Text (above 18pt) WCAG AA × Fail

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 50.3547, 54.9713, 98.3990 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

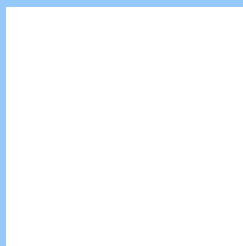
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.3547, 54.9713, 98.3990

Background



This preview shows how black text looks on a background with the XYZ color 50.3547, 54.9713, 98.3990.



This preview shows how white text looks on a background with the XYZ color 50.3547, 54.9713,

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

50.3547, 54.9713, 98.3990

Protanopia

54.9275, 54.7389, 93.2586

Deuteranopia

56.1875, 54.9179, 99.7343



Tritanopia

46.2406, 55.0793, 77.3015

Trichromacy



Original Color

50.3547, 54.9713, 98.3990

Protanomaly

52.9520, 54.6797, 94.9521

Deuteranomaly

53.7223, 54.6532, 98.9844

Tritanomaly

47.6600, 54.9412, 84.4367

Monochromacy



Original Color

50.3547, 54.9713, 98.3990

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.0780, 52.8976, 69.9109

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.3547, 54.9713, 98.3990 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(148, 201, 250)` looks like.

```
.text, #text, p{  
    color:rgb(148, 201, 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(148, 201, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 201, 250) }
```

Border

The CSS property to change the border of an element to XYZ 50.3547, 54.9713, 98.3990 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(148, 201, 250) }
```


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

```
.border{ border-color:rgb(148, 201, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 201, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 201, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 201, 250);  
box-shadow:4px 4px 4px 4px rgb(148, 201,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 50.3547, 54.9713, 98.3990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 201, 250) }
```

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

```
.background{ background-color: rgb(148,  
201, 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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