

Converting Colors

XYZ(51.0609, 56.3838, 98.6344)

Have a look what the booklet for
XYZ(51.0609, 56.3838, 98.6344)
contains.

XYZ(51.0609, 56.3838, 98.6344)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(51.0609, 56.3838,
98.6344)**

Conversions

Conversions Part 1

Format	Color
Hex	94CCFA
RGB	148, 204, 250
RGB Percent	58%, 80%, 98%
CMY	0.4196, 0.2000, 0.0196
CMYK	0.41, 0.18, 0.00, 0.02
HSL	207°, 91%, 78%
HSV	207°, 41%, 98%
XYZ	51.0609, 56.3838, 98.6344
YIQ	192.5000, -48.1420, 2.4340

Conversions

Conversions Part 2

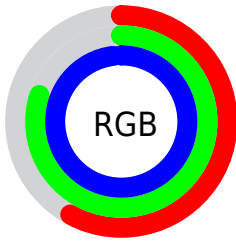
Format	Color
RYB	148, 184, 250
Decimal	9751802
CIELab	79.83, -6.61, -28.29
CIELCh	80, 29.051, 256.857
Yxy	56.3838, 0.2478, 0.2736
Android (android.graphics.Color)	4287941882 (0xFF94CCFA)
YUV	192.5000, 28.3475, -39.0265
Hunter-Lab	75.0891, -10.0253, -25.3188

Details

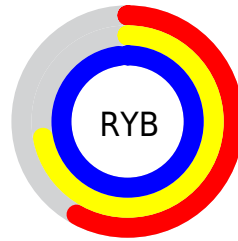
The XYZ color **51.0609, 56.3838, 98.6344** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.0626, 61.0468, 36.4255**, and the grayscale version is **50.2562, 52.8735, 57.5792**.

A 20% lighter version of the original color is **78.9868, 91.7191, 108.1483**, and **24.9456, 27.9383, 54.5299** is the 20% darker color. If you saturate the color by 10%, you get **44.4346, 49.1338, 97.5853**, and if you desaturate by 10%, it is **58.8613, 64.5295, 99.7966**.

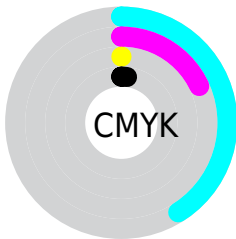
Distribution



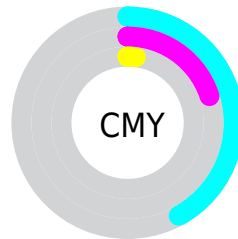
- Red (58%)
- Green (80%)
- Blue (98%)



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



- Cyan (41%)
- Magenta (18%)
- Yellow (0%)
- Black (2%)



- Cyan (42%)
- Magenta (20%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.0609, 56.3838, 98.6344 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 51.0609, 56.3838, 98.6344 by changing the saturation by 10% instead.

■ 51.0609, 56.3838,
98.6344

■ 51.0609, 56.3838,
98.6344

381.1841,
411.1363, 577.0147

■ 36.4783, 40.5107,
74.5500

■ 90.9272, 99.5655,
161.3147

■ 24.9757, 27.9370,
54.7448

■ 116.9417,
127.6429, 200.7478

■ 16.1876, 18.2782,
38.8002

147.4975,
160.5573, 246.1342

■ 9.7487, 11.1499,
26.2977

182.9600,
198.6929, 297.8924

■ 5.2936, 6.1677,
16.8187

223.6946,
242.4342, 356.4411

■ 2.4571, 2.9473,
9.9448

270.0665,

■ 0.8737, 1.1043,

292.1656, 422.1986

5.2572

322.4413,
348.2715, 495.5837

■ 0.0000, 0.0000,
2.3376

■ 0.0000, 0.0000,
0.7522

■ 51.0609, 56.3838,
98.6344

■ 51.0609, 56.3838,
98.6344

■ 44.4346, 49.1338,
97.5853

■ 58.8613, 64.5295,
99.7966

■ 38.9095, 42.7322,
96.6408

■ 67.8921, 73.6021,
101.0718

■ 34.4121, 37.1361,
95.7977

■ 78.2124, 83.6390,
102.4652

■ 30.8567, 32.2948,
95.0506

■ 89.8754, 94.6732,
103.9803

■ 28.1412, 28.1490,
94.3935

■ 94.2555, 99.6822,
104.7162

■ 26.2379, 24.8670,
93.8604

Harmonies

Analogous

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



46.2249, 56.3838, 88.1812



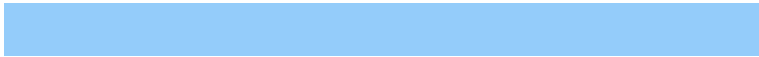
51.0609, 56.3838, 98.6344



56.9373, 56.3838, 97.8913

Triad

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



51.0609, 56.3838, 98.6344



65.1571, 56.3838, 52.4727



45.7570, 56.3838, 41.8039

Complementary

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



51.0609, 56.3838, 98.6344



64.0626, 61.0468, 36.4255

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.



50.3787, 56.3838, 35.3233



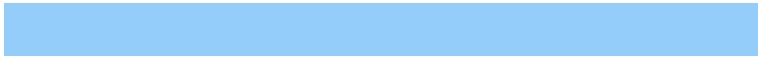
51.0609, 56.3838, 98.6344



61.7011, 56.3838, 40.6660

Square

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



51.0609, 56.3838, 98.6344



65.3734, 56.3838, 69.0542



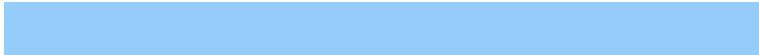
56.2036, 56.3838, 34.9490



43.3170, 56.3838, 54.3194

Rectangle

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



51.0609, 56.3838, 98.6344



60.6634, 56.3838, 91.1193



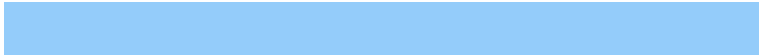
56.2036, 56.3838, 34.9490



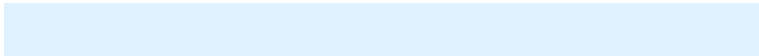
47.0910, 56.3838, 38.9559

Sweetspot

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



51.0627, 56.3860, 98.6357



80.4292, 86.1605, 106.9993



56.1262, 78.5589, 63.1870



16.9009, 18.1390, 22.8604



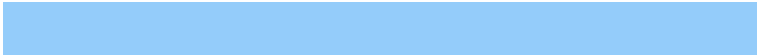
0.0000, 0.0000, 0.0000



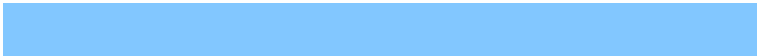
20.3446, 21.4041, 23.3091

Same Dimension

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



51.0627, 56.3860, 98.6357



47.6069, 52.6564, 102.2623



40.8773, 36.0150, 95.2406



17.0730, 18.2228, 22.0028



14.0631, 13.4818, 49.8346



1.4084, 1.4604, 4.6508

Inverse Universe

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



60.9148, 45.8651, 62.7713



59.4976, 41.3459, 58.6655



77.3930, 87.7076, 40.8689



17.6434, 17.3847, 19.9778



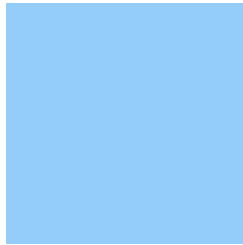
23.3904, 11.7719, 14.0304



2.2198, 1.1117, 1.5809

Previews

White Background



This preview shows how the XYZ color 51.0609, 56.3838, 98.6344 looks on a white background.

Color Contrast Check

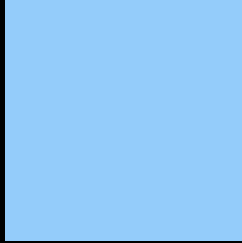
Large Text (above 18pt) WCAG AA × Fail

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 51.0609, 56.3838, 98.6344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

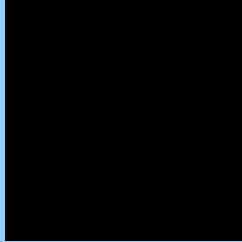
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

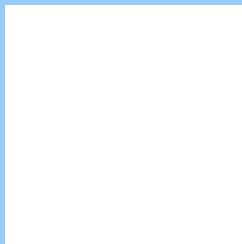
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.0609, 56.3838, 98.6344

Background



This preview shows how black text looks on a background with the XYZ color 51.0609, 56.3838, 98.6344.



This preview shows how white text looks on a background with the XYZ color 51.0609, 56.3838,

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

51.0609, 56.3838, 98.6344

Protanopia

56.0939, 56.0010, 93.4408

Deuteranopia

57.3560, 56.1766, 99.9157



Tritanopia

47.1310, 56.2107, 79.5998

Trichromacy



Original Color

51.0609, 56.3838, 98.6344

Protanomaly

53.8419, 55.8126, 95.1239

Deuteranomaly

54.8403, 56.2374, 99.2313

Tritanomaly

48.6657, 56.4955, 86.1817

Monochromacy



Original Color

51.0609, 56.3838, 98.6344

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.2353, 54.1347, 71.4197

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0609, 56.3838, 98.6344 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, 204, 250)` looks like.

```
.text, #text, p{  
    color:rgb(148, 204, 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, 204, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 204, 250) }
```

Border

The CSS property to change the border of an element to XYZ 51.0609, 56.3838, 98.6344 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, 204, 250) }
```


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

```
.border{ border-color:rgb(148, 204, 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, 204, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 204, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 204, 250);  
box-shadow:4px 4px 4px 4px rgb(148, 204,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0609, 56.3838, 98.6344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 204, 250) }
```

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

```
.background{ background-color: rgb(148,  
204, 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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