

Converting Colors

XYZ(50.5359, 56.3938,
101.9875)

Have a look what the booklet for
XYZ(50.5359, 56.3938, 101.9875)
contains.

XYZ(50.5359, 56.3938, 101.9875)	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(50.5359, 56.3938,
101.9875)**

Conversions

Conversions Part 1

Format	Color
Hex	8CCDFE
RGB	140, 205, 254
RGB Percent	55%, 80%, 100%
CMY	0.4510, 0.1961, 0.0039
CMYK	0.45, 0.19, 0.00, 0.00
HSL	206°, 98%, 77%
HSV	206°, 45%, 100%
XYZ	50.5359, 56.3938, 101.9875
YIQ	191.1510, -54.4690, 1.4590

Conversions

Conversions Part 2

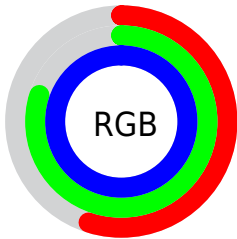
Format	Color
R _Y B	140, 181, 254
Decimal	9227774
CIE Lab	79.84, -8.03, -30.45
CIE LCh	80, 31.489, 255.230
Yxy	56.3938, 0.2419, 0.2699
Android (android.graphics.Color)	4287417854 (0xFF8CCDFE)
YUV	191.1510, 30.9846, -44.8594
Hunter-Lab	75.0958, -11.2957, -27.9546

Details

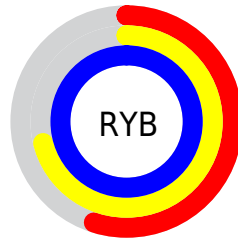
The XYZ color **50.5359, 56.3938, 101.9875** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **63.8057, 59.3611, 32.9078**, and the grayscale version is **49.4590, 52.0347, 56.6658**.

A 20% lighter version of the original color is **77.0987, 90.7458, 108.0599**, and **24.6243, 27.9583, 56.9220** is the 20% darker color. If you saturate the color by 10%, you get **44.2188, 49.3957, 100.9707**, and if you desaturate by 10%, it is **58.0266, 64.2698, 103.1140**.

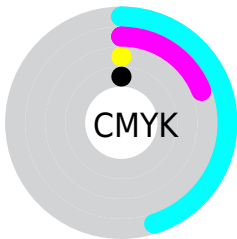
Distribution



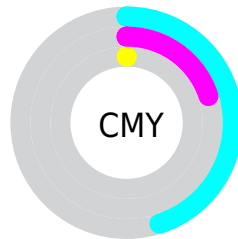
- Red (55%)
- Green (80%)
- Blue (100%)



- Red (55%)
- Yellow (71%)
- Blue (100%)



- Cyan (45%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.5359, 56.3938, 101.9875 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 50.5359, 56.3938, 101.9875 by changing the saturation by 10% instead.

■ 50.5359, 56.3938,
101.9875

■ 50.5359, 56.3938,
101.9875

379.1754,
411.1739, 587.8472

■ 36.0589, 40.5187,
77.3353

■ 90.1555, 99.5801,
165.9614

■ 24.6500, 27.9432,
57.0149

■ 116.0288,
127.6602, 206.1202

■ 15.9439, 18.2829,
40.6078

146.4316,
160.5774, 252.2850

■ 9.5750, 11.1533,
27.6953

181.7292,
198.7160, 304.8743

■ 5.1782, 6.1700,
17.8591

222.2871,
242.4607, 364.3066

■ 2.3880, 2.9487,
10.6805

268.4705,

■ 0.8391, 1.1050,

292.1956, 431.0005

5.7410

320.6448,
348.3052, 505.3745

■ 0.0000, 0.0000,
2.6220

■ 0.0000, 0.0000,
0.9038

■ 50.5359, 56.3938,
101.9875

■ 50.5359, 56.3938,
101.9875

■ 44.2188, 49.3957,
100.9707

■ 58.0266, 64.2698,
103.1140

■ 38.9973, 43.2262,
100.0551

■ 66.7514, 73.0567,
104.3501

■ 34.7916, 37.8399,
99.2371

■ 76.7727, 82.7930,
105.7013

■ 31.5071, 33.1820,
98.5111

■ 88.1471, 93.5129,
107.1709

■ 29.0284, 29.1870,
97.8707

94.8896, 99.9358,
108.0553

■ 27.9884, 27.3535,
97.5716

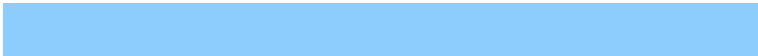
Harmonies

Analogous

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



45.4231, 56.3938, 89.8493



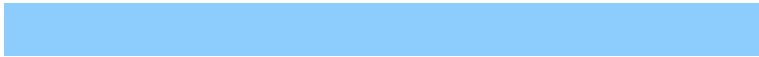
50.5359, 56.3938, 101.9875



56.8854, 56.3938, 101.8854

Triad

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



50.5359, 56.3938, 101.9875



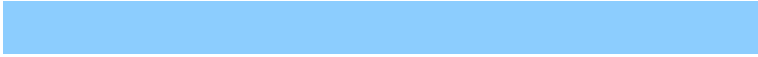
66.3190, 56.3938, 52.6356



45.3609, 56.3938, 39.8497

Complementary

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



50.5359, 56.3938, 101.9875



63.8057, 59.3611, 32.9078

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.



50.4447, 56.3938, 33.3777



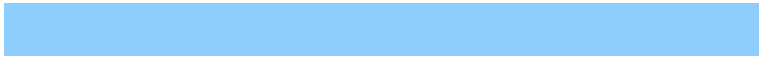
50.5359, 56.3938, 101.9875



62.7050, 56.3938, 39.7008

Square

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



50.5359, 56.3938, 101.9875



66.3483, 56.3938, 70.7951



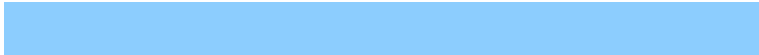
56.7868, 56.3938, 33.3293



42.6002, 56.3938, 52.8811

Rectangle

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



50.5359, 56.3938, 101.9875



60.9869, 56.3938, 94.7741



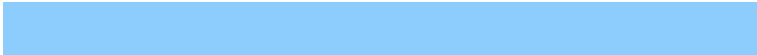
56.7868, 56.3938, 33.3293



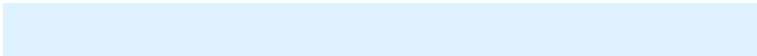
46.8361, 56.3938, 36.9601

Sweetspot

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



50.5378, 56.3959, 101.9888



79.5100, 85.4895, 106.9182



55.2819, 80.0697, 59.8381



16.5038, 17.8072, 22.8172



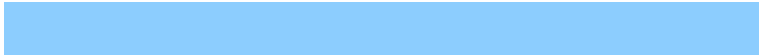
0.0000, 0.0000, 0.0000



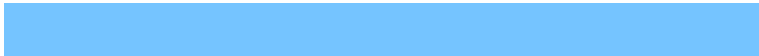
20.3446, 21.4041, 23.3091

Same Dimension

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



50.5378, 56.3959, 101.9888



45.1244, 50.4186, 101.9612



39.5331, 34.3867, 98.3206



17.8628, 19.0972, 22.9946



14.9051, 14.7199, 51.4902



1.5598, 1.6503, 5.0496

Inverse Universe

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



61.2722, 44.2366, 63.0688



57.5789, 38.0296, 56.4191



78.1093, 87.9683, 37.6757



18.4434, 18.1607, 20.9521



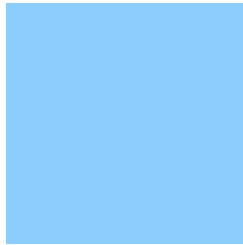
24.3116, 12.2139, 15.5573



2.4219, 1.2111, 1.8033

Previews

White Background



This preview shows how the XYZ color 50.5359, 56.3938, 101.9875 looks on a white background.

Color Contrast Check

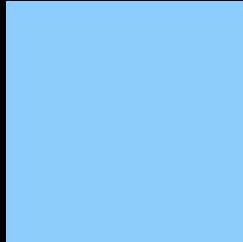
Large Text (above 18pt) WCAG AA × Fail

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 50.5359, 56.3938, 101.9875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

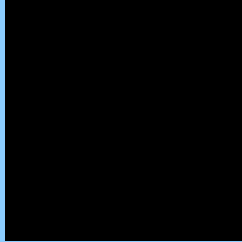
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.5359, 56.3938, 101.9875

Background



This preview shows how black text looks on a background with the XYZ color 50.5359, 56.3938, 101.9875.

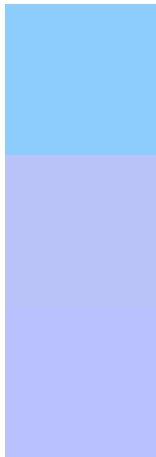


This preview shows how white text looks on a background with the XYZ color 50.5359, 56.3938,

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

50.5359, 56.3938, 101.9875

Protanopia

56.3112, 56.0599, 95.8484

Deuteranopia

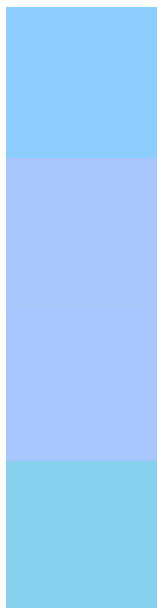
57.3494, 56.1179, 102.4169



Tritanopia

46.4274, 56.5448, 81.1403

Trichromacy



Original Color

50.5359, 56.3938, 101.9875

Protanomaly

54.0409, 56.1840, 98.4388

Deuteranomaly

54.6063, 56.0432, 102.5471

Tritanomaly

47.8336, 56.3771, 88.4815

Monochromacy



Original Color

50.5359, 56.3938, 101.9875

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

48.8908, 53.1056, 71.2919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5359, 56.3938, 101.9875 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(140, 205, 254)` looks like.

```
.text, #text, p{  
    color:rgb(140, 205, 254)  
}
```

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(140, 205, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 205, 254) }
```

Border

The CSS property to change the border of an element to XYZ 50.5359, 56.3938, 101.9875 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(140, 205, 254) }
```


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

```
.border{ border-color:rgb(140, 205, 254) }
```

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

Here you see how a box with a 4 pixel rgb(140, 205, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 205, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 205, 254);  
box-shadow:4px 4px 4px 4px rgb(140, 205,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5359, 56.3938, 101.9875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 205, 254) }
```

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

```
.background{ background-color: rgb(140,  
205, 254) }
```

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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