

Converting Colors

XYZ(56.2092, 68.8316, 99.6988)

Have a look what the booklet for
XYZ(56.2092, 68.8316, 99.6988)
contains.

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Color

**XYZ(56.3802, 69.0959,
99.9878)**

Conversions

Conversions Part 1

Format	Color
Hex	8DE6F9
RGB	141, 230, 249
RGB Percent	55%, 90%, 98%
CMY	0.4470, 0.0980, 0.0235
CMYK	0.43, 0.08, 0.00, 0.02
HSL	191°, 90%, 76%
HSV	191°, 43%, 98%
XYZ	56.3802, 69.0959, 99.9878
YIQ	205.5550, -59.1430, -12.9590

Conversions

Conversions Part 2

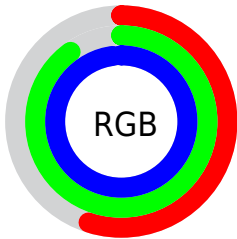
Format	Color
R_{YB}	141, 190, 249
Decimal	9299705
CIE _{Lab}	86.55, -21.92, -17.59
CIE _{LCh}	87, 28.102, 218.739
Yxy	69.0959, 0.2501, 0.3065
Android (android.graphics.Color)	4287489785 (0xFF8DE6F9)
YUV	205.5550, 21.4184, -56.6147
Hunter-Lab	83.1239, -24.3963, -13.1318

Details

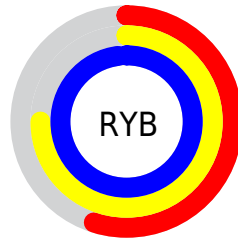
The XYZ color **56.3802, 69.0959, 99.9878** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **56.4467, 47.2057, 31.3377**, and the grayscale version is **58.2784, 61.3134, 66.7703**.

A 20% lighter version of the original color is **77.3632, 90.8821, 108.0723**, and **28.3290, 35.9614, 55.9002** is the 20% darker color. If you saturate the color by 10%, you get **51.4096, 64.7481, 99.4118**, and if you desaturate by 10%, it is **62.3374, 74.0009, 100.6218**.

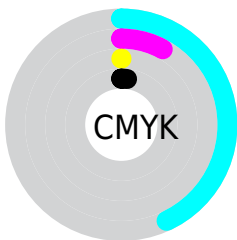
Distribution



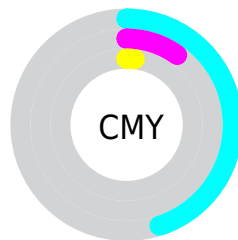
- Red (55%)
- Green (90%)
- Blue (98%)



- Red (55%)
- Yellow (75%)
- Blue (98%)



- Cyan (43%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)



- Cyan (45%)
- Magenta (10%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3802, 69.0959, 99.9878 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 56.3802, 69.0959, 99.9878 by changing the saturation by 10% instead.

56.3802, 69.0959,
99.9878

56.3802, 69.0959,
99.9878

401.1746,
457.3691, 581.3999

40.7460, 50.7898,
75.6735

98.6968, 117.9185,
163.1921

28.3075, 36.0414,
55.6598

126.1100,
149.2039, 202.9193

18.6992, 24.4661,
39.5281

158.1803,
185.5844, 248.6212

11.5559, 15.6798,
26.8598

195.2729,
227.4446, 300.7162

6.5121, 9.2978,
17.2364

237.7533,
275.1687, 359.6231

3.2025, 4.9360,
10.2395

285.9868,

1.2617, 2.2097,

329.1413, 425.7603

5.4503

340.3388,
389.7466, 499.5464

■ 0.1543, 0.7253,
2.4505

■ 0.0000, 0.0000,
0.8138

■ 56.3802, 69.0959,
99.9878

■ 56.3802, 69.0959,
99.9878

■ 51.4096, 64.7481,
99.4118

■ 62.3374, 74.0009,
100.6218

■ 47.3545, 60.9158,
98.8858

■ 69.3335, 79.4858,
101.3118

■ 44.1441, 57.5638,
98.4080

■ 77.4248, 85.5813,
102.0619

■ 41.6942, 54.6483,
97.9744

■ 86.6616, 92.3138,
102.8745

■ 39.9025, 52.1163,
97.5801

■ 93.1196, 97.6606,
103.5662

■ 38.9783, 50.5980,
97.3357

■ 94.0991, 99.6196,
103.8927

Harmonies

Analogous

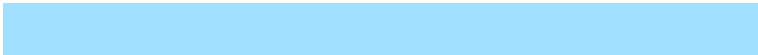
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.0552, 69.0959, 80.8164



56.3802, 69.0959, 99.9878



61.2356, 69.0959, 113.8599

Triad

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



56.3802, 69.0959, 99.9878



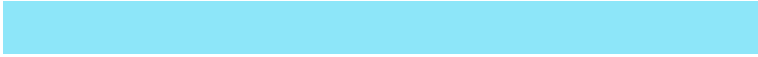
78.0517, 69.0959, 89.0055



63.7889, 69.0959, 45.0565

Complementary

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



56.3802, 69.0959, 99.9878



56.4467, 47.2057, 31.3377

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.



70.3210, 69.0959, 46.5106



56.3802, 69.0959, 99.9878



78.8477, 69.0959, 69.9141

Square

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



56.3802, 69.0959, 99.9878



73.8276, 69.0959, 106.8258



75.9359, 69.0959, 54.9447



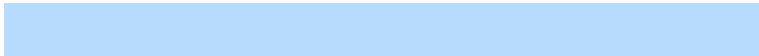
58.1432, 69.0959, 50.5789

Rectangle

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



56.3802, 69.0959, 99.9878



65.3983, 69.0959, 117.0970



75.9359, 69.0959, 54.9447



65.9496, 69.0959, 44.7674

Sweetspot

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



56.3823, 69.0986, 99.9894



82.0561, 90.5816, 107.7669



51.1198, 75.9188, 44.7623



17.1354, 19.0705, 23.0278



0.0000, 0.0000, 0.0000



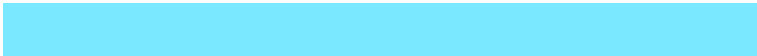
20.3446, 21.4041, 23.3091

Same Dimension

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



56.3823, 69.0986, 99.9894



54.8979, 68.9170, 105.0166



43.8073, 43.9485, 95.7977



17.4908, 19.0585, 22.1421



20.9585, 27.2726, 52.1331



2.0070, 2.6576, 4.8504

Inverse Universe

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



62.8765, 44.9046, 80.2193



62.7680, 41.0852, 80.7237



67.6704, 69.6530, 35.0789



17.8543, 17.4691, 21.0884



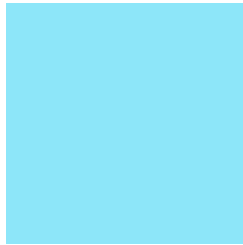
26.8709, 13.1641, 32.3583



2.5219, 1.2325, 3.1720

Previews

White Background



This preview shows how the XYZ color 56.3802, 69.0959, 99.9878 looks on a white background.

Color Contrast Check

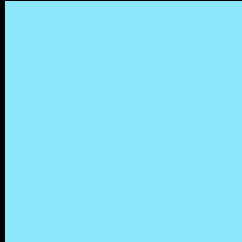
Large Text (above 18pt) WCAG AA × Fail

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 56.3802, 69.0959, 99.9878 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 56.3802, 69.0959, 99.9878

Background



This preview shows how black text looks on a background with the XYZ color 56.3802, 69.0959, 99.9878.

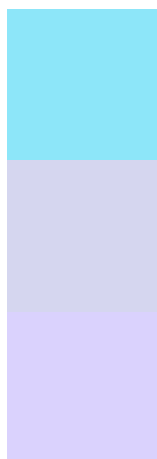


This preview shows how white text looks on a background with the XYZ color 56.3802, 69.0959,

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

56.3802, 69.0959, 99.9878

Protanopia

67.0671, 68.4713, 91.3428

Deuteranopia

69.6897, 68.0905, 102.3982



Tritanopia

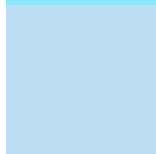
56.3802, 69.0959, 99.9878

Trichromacy



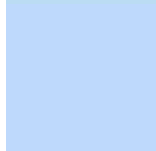
Original Color

56.3802, 69.0959, 99.9878



Protanomaly

62.2644, 68.2223, 94.6805



Deuteranomaly

63.6187, 67.6011, 101.7907



Tritanomaly

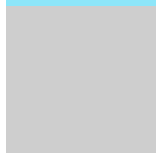
56.3802, 69.0959, 99.9878

Monochromacy



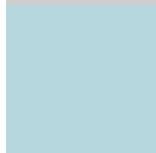
Original Color

56.3802, 69.0959, 99.9878



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

56.7767, 63.8199, 78.4333

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3802, 69.0959, 99.9878 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(141, 230, 249)` looks like.

```
.text, #text, p{  
    color:rgb(141, 230, 249)  
}
```

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(141, 230, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 230, 249) }
```

Border

The CSS property to change the border of an element to XYZ 56.3802, 69.0959, 99.9878 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(141, 230, 249) }
```


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

```
.border{ border-color:rgb(141, 230, 249) }
```

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

Here you see how a box with a 4 pixel rgb(141, 230, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 230, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 230, 249);  
box-shadow:4px 4px 4px 4px rgb(141, 230,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3802, 69.0959, 99.9878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 230, 249) }
```

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

```
.background{ background-color: rgb(141,  
230, 249) }
```

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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