

Converting Colors

XYZ(55.0052, 69.3501, 93.7251)

Have a look what the booklet for
XYZ(55.0052, 69.3501, 93.7251)
contains.

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Color

**XYZ(55.0503, 69.3825,
93.7098)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 89E8F1 |
| RGB | 137, 232, 241 |
| RGB Percent | 54%, 91%, 95% |
| CMY | 0.4627, 0.0902, 0.0549 |
| CMYK | 0.43, 0.04, 0.00, 0.05 |
| HSL | 185°, 79%, 74% |
| HSV | 185°, 43%, 95% |
| XYZ | 55.0503, 69.3825, 93.7098 |
| YIQ | 204.6210, -59.5090, -17.3410 |

Conversions

Conversions Part 2

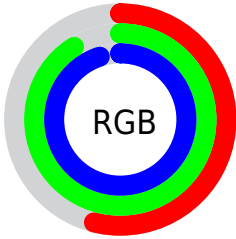
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 137, 187, 241 |
| Decimal | 9038065 |
| CIE _{Lab} | 86.69, -25.86, -13.18 |
| CIE _{LCh} | 87, 29.026, 207.015 |
| Yxy | 69.3825, 0.2524, 0.3181 |
| Android (android.graphics.Color) | 4287228145 (0xFF89E8F1) |
| YUV | 204.6210, 17.9348, -59.3036 |
| Hunter-Lab | 83.2962, -27.7979, -8.3951 |

Details

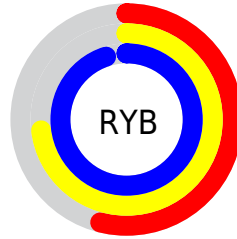
The XYZ color **55.0503, 69.3825, 93.7098** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **51.0710, 41.0656, 28.9032**, and the grayscale version is **57.7063, 60.7115, 66.1148**.

A 20% lighter version of the original color is **76.3157, 90.3421, 108.0232**, and **27.4242, 36.1732, 51.4357** is the 20% darker color. If you saturate the color by 10%, you get **50.9494, 66.4039, 93.3522**, and if you desaturate by 10%, it is **60.0446, 72.8353, 94.1142**.

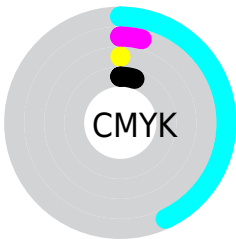
Distribution



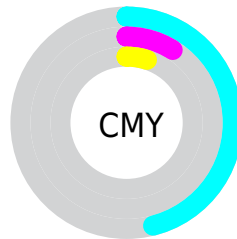
- Red (54%)
- Green (91%)
- Blue (95%)



- Red (54%)
- Yellow (73%)
- Blue (95%)



- Cyan (43%)
- Magenta (4%)
- Yellow (0%)
- Black (5%)



- Cyan (46%)
- Magenta (9%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.0503, 69.3825, 93.7098 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 55.0503, 69.3825, 93.7098 by changing the saturation by 10% instead.

55.0503, 69.3825,
93.7098

55.0503, 69.3825,
93.7098

396.2359,
458.3789, 560.9047

39.6760, 51.0233,
70.4707

96.7625, 118.3277,
154.4611

27.4691, 36.2271,
51.4312

123.8312,
149.6825, 192.8104

18.0642, 24.6097,
36.1728

155.5287,
186.1380, 237.0335

11.0961, 15.7865,
24.2769

192.2203,
228.0785, 287.5489

6.1993, 9.3732,
15.3251

234.2715,
275.8884, 344.7752

3.0084, 4.9854,
8.8987

282.0476,

1.1582, 2.2387,

329.9522, 409.1309

4.5792

335.9139,
390.6542, 481.0346

■ 0.0730, 0.7410,
1.9482

■ 0.0000, 0.0000,
0.5231

■ 55.0503, 69.3825,
93.7098

■ 55.0503, 69.3825,
93.7098

■ 50.9494, 66.4039,
93.3522

■ 60.0446, 72.8353,
94.1142

■ 47.6762, 63.8606,
93.0338

■ 65.9800, 76.7820,
94.5632

■ 45.1659, 61.7209,
92.7531

■ 72.9083, 81.2509,
95.0606

■ 43.3415, 59.9450,
92.5065

■ 80.8756, 86.2659,
95.6087

■ 42.1093, 58.4846,
92.2896

■ 88.9975, 91.3711,
96.1660

■ 41.5102, 57.6166,
92.1536

■ 89.6231, 92.6224,
96.3746

■ 90.2558, 93.8878,
96.5855

■ 90.8957, 95.1675,
96.7988

■ 91.5427, 96.4615,
97.0144

Harmonies

Analogous

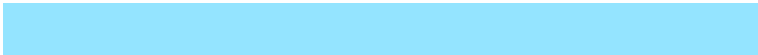
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



53.8202, 69.3825, 73.6272



55.0503, 69.3825, 93.7098



59.1322, 69.3825, 111.1933

Triad

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



55.0503, 69.3825, 93.7098



77.4376, 69.3825, 97.6326



66.6240, 69.3825, 44.1848

Complementary

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



55.0503, 69.3825, 93.7098



51.0710, 41.0656, 28.9032

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.



73.2641, 69.3825, 48.4695



55.0503, 69.3825, 93.7098



79.7686, 69.3825, 77.4974

Square

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



55.0503, 69.3825, 93.7098



72.0159, 69.3825, 113.7160



78.1921, 69.3825, 59.8950



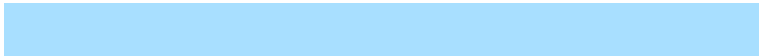
60.2271, 69.3825, 47.0442

Rectangle

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



55.0503, 69.3825, 93.7098



63.0736, 69.3825, 117.8415



78.1921, 69.3825, 59.8950



68.9043, 69.3825, 44.8170

Sweetspot

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



55.0524, 69.3852, 93.7114



82.9801, 92.4296, 108.0749



46.9357, 70.2953, 38.1546



17.3659, 19.5314, 23.1046



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.



55.0524, 69.3852, 93.7114



58.3416, 75.8044, 106.1645



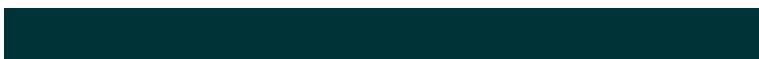
42.5839, 44.4482, 89.5553



16.1236, 17.6813, 20.2846



22.5600, 31.3443, 49.9889



1.9109, 2.6757, 4.1700

Inverse Universe

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



59.7885, 42.4200, 81.3836



64.5063, 41.7805, 89.8772



60.9104, 60.7445, 32.1830



16.3918, 16.0064, 19.6196



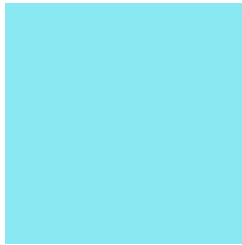
26.7129, 12.9576, 38.0001



2.2395, 1.0848, 3.2519

Previews

White Background



This preview shows how the XYZ color 55.0503, 69.3825, 93.7098 looks on a white background.

Color Contrast Check

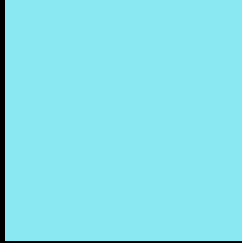
Large Text (above 18pt) WCAG AA × Fail

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 55.0503, 69.3825, 93.7098 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 55.0503, 69.3825, 93.7098

Background



This preview shows how black text looks on a background with the XYZ color 55.0503, 69.3825, 93.7098.

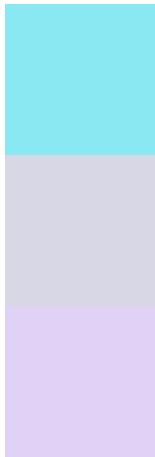


This preview shows how white text looks on a background with the XYZ color 55.0503, 69.3825,

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

55.0503, 69.3825, 93.7098

Protanopia

66.9023, 68.9130, 84.6383

Deuteranopia

70.1126, 68.4350, 96.7027



Tritanopia

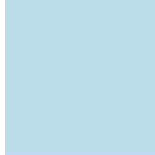
56.3223, 69.4803, 100.0651

Trichromacy



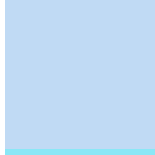
Original Color

55.0503, 69.3825, 93.7098



Protanomaly

61.2013, 68.2182, 87.7837



Deuteranomaly

63.1388, 67.8809, 95.3625



Tritanomaly

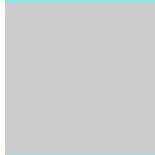
55.6917, 69.2089, 97.6122

Monochromacy



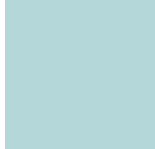
Original Color

55.0503, 69.3825, 93.7098



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

55.7777, 63.3661, 75.6208

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0503, 69.3825, 93.7098 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(137, 232, 241)` looks like.

```
.text, #text, p{  
    color:rgb(137, 232, 241)  
}
```

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(137, 232, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 232, 241) }
```

Border

The CSS property to change the border of an element to XYZ 55.0503, 69.3825, 93.7098 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(137, 232, 241) }
```


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

```
.border{ border-color:rgb(137, 232, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 232, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 232, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 232, 241);  
box-shadow:4px 4px 4px 4px rgb(137, 232,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0503, 69.3825, 93.7098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 232, 241) }
```

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

```
.background{ background-color: rgb(137,  
232, 241) }
```

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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