

Converting Colors

XYZ(55.8895, 68.0570, 95.9017)

Have a look what the booklet for
XYZ(55.8895, 68.0570, 95.9017)
contains.

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Color

**XYZ(55.9266, 68.1295,
95.7906)**

Conversions

Conversions Part 1

Format	Color
Hex	92E4F4
RGB	146, 228, 244
RGB Percent	57%, 89%, 96%
CMY	0.4274, 0.1059, 0.0431
CMYK	0.40, 0.07, 0.00, 0.04
HSL	190°, 82%, 76%
HSV	190°, 40%, 96%
XYZ	55.9266, 68.1295, 95.7906
YIQ	205.3060, -54.0080, -12.4080

Conversions

Conversions Part 2

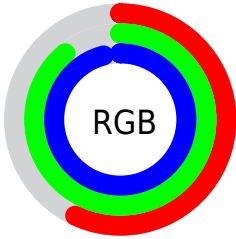
Format	Color
R _Y B	146, 191, 244
Decimal	9626868
CIE Lab	86.07, -20.98, -15.65
CIE LCh	86, 26.176, 216.731
Yxy	68.1295, 0.2544, 0.3099
Android (android.graphics.Color)	4287816948 (0xFF92E4F4)
YUV	205.3060, 19.0761, -52.0114
Hunter-Lab	82.5406, -23.5007, -11.0292

Details

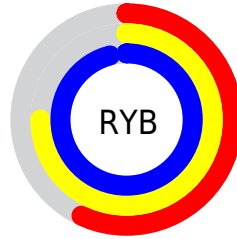
The XYZ color **55.9266, 68.1295, 95.7906** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **55.4180, 47.1500, 33.3758**, and the grayscale version is **58.1318, 61.1592, 66.6024**.

A 20% lighter version of the original color is **78.7118, 91.5774, 108.1354**, and **27.9494, 35.2597, 52.9097** is the 20% darker color. If you saturate the color by 10%, you get **50.9607, 63.9630, 95.2493**, and if you desaturate by 10%, it is **61.8475, 72.8290, 96.3868**.

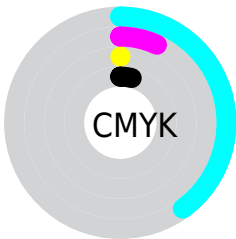
Distribution



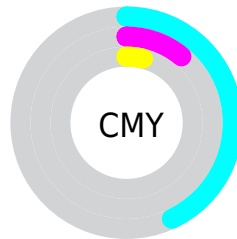
- Red (57%)
- Green (89%)
- Blue (96%)



- Red (57%)
- Yellow (75%)
- Blue (96%)



- Cyan (40%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)





- Cyan (43%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.9266, 68.1295, 95.7906 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 55.9266, 68.1295, 95.7906 by changing the saturation by 10% instead.


 55.9266, 68.1295,
95.7906


 55.9266, 68.1295,
95.7906


399.4943,
453.9547, 567.7418

 40.3808, 50.0031,
72.1926


 98.0377, 116.5374,
157.3614

 28.0211, 35.4159,
52.8283


 125.3337,
147.5877, 196.1712

 18.4821, 23.9834,
37.2789


157.2772,
183.7147, 240.8889

 11.3985, 15.3213,
25.1260

194.2336,
225.3028, 291.9328

 6.4048, 9.0452,
15.9511

236.5681,
272.7365, 349.7214

 3.1357, 4.7707,
9.3356

284.6462,

 1.2259, 2.1133,

326.4001, 414.6735

4.8609

338.8331,
386.6781, 487.2074

■ 0.1267, 0.6721,
2.1086

■ 0.0000, 0.0000,
0.6209

■ 55.9266, 68.1295,
95.7906

■ 55.9266, 68.1295,
95.7906

■ 50.9607, 63.9630,
95.2493

■ 61.8475, 72.8290,
96.3868

■ 46.8840, 60.2906,
94.7553

■ 68.7715, 78.0817,
97.0358

■ 43.6320, 57.0803,
94.3071

■ 76.7508, 83.9164,
97.7414

■ 41.1287, 54.2927,
93.9009

■ 85.8322, 90.3575,
98.5060

■ 39.2835, 51.8808,
93.5327

■ 91.1121, 94.8773,
99.1001

■ 37.9626, 49.7983,
93.2003

■ 92.3493, 97.3517,
99.5125

■ 93.3294, 99.3117,
99.8392

Harmonies

Analogous

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



53.9417, 68.1295, 78.1289



55.9266, 68.1295, 95.7906



60.2955, 68.1295, 108.9340

Triad

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



55.9266, 68.1295, 95.7906



75.9636, 68.1295, 88.0415



63.4099, 68.1295, 45.9254

Complementary

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



55.9266, 68.1295, 95.7906



55.4180, 47.1500, 33.3758

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.



69.4292, 68.1295, 47.7389



55.9266, 68.1295, 95.7906



76.9248, 68.1295, 70.3693

Square

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



55.9266, 68.1295, 95.7906



71.9161, 68.1295, 103.9984



74.4669, 68.1295, 56.0941



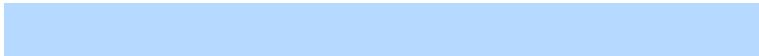
58.0859, 68.1295, 50.6893

Rectangle

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



55.9266, 68.1295, 95.7906



64.0981, 68.1295, 112.3786



74.4669, 68.1295, 56.0941



65.4164, 68.1295, 45.7989

Sweetspot

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



55.9287, 68.1322, 95.7922



83.1017, 91.5055, 107.8901



50.6128, 73.3764, 45.0769



17.5317, 19.4006, 23.0706



0.0000, 0.0000, 0.0000



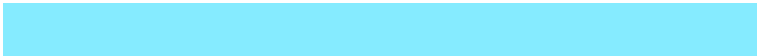
20.3446, 21.4041, 23.3091

Same Dimension

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



55.9287, 68.1322, 95.7922



57.3736, 71.6016, 105.4043



44.5667, 45.4082, 92.0049



16.7529, 18.2702, 21.1861



20.7275, 27.2488, 50.7051



1.8819, 2.5151, 4.4765

Inverse Universe

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



61.5924, 45.3941, 78.9174



64.5710, 43.9250, 83.6868



65.4706, 67.2552, 36.7267



17.0906, 16.7191, 20.2238



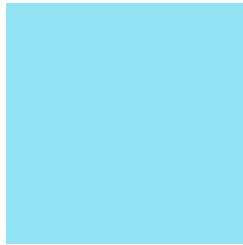
26.2668, 12.8502, 32.4429



2.3389, 1.1415, 3.0112

Previews

White Background



This preview shows how the XYZ color 55.9266, 68.1295, 95.7906 looks on a white background.

Color Contrast Check

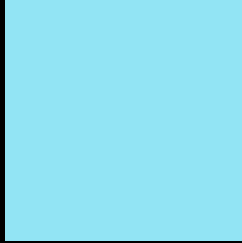
Large Text (above 18pt) WCAG AA × Fail

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 55.9266, 68.1295, 95.7906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

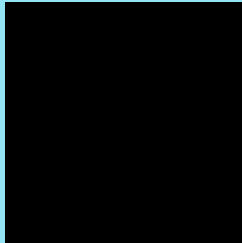
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.9266, 68.1295, 95.7906

Background



This preview shows how black text looks on a background with the XYZ color 55.9266, 68.1295, 95.7906.



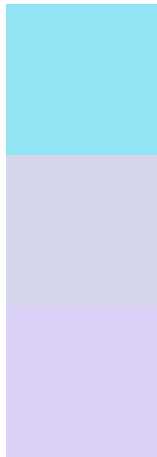
This preview shows how white text looks on a background with the XYZ color 55.9266, 68.1295,

95.7906.

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

55.9266, 68.1295, 95.7906

Protanopia

65.7969, 67.5261, 87.4079

Deuteranopia

68.9572, 67.4383, 98.1894



Tritanopia

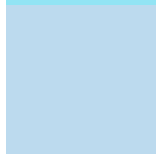
56.4106, 68.3437, 97.4073

Trichromacy



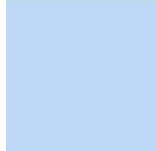
Original Color

55.9266, 68.1295, 95.7906



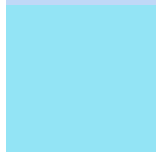
Protanomaly

61.2431, 67.0072, 90.5948



Deuteranomaly

63.0826, 67.0336, 97.6097



Tritanomaly

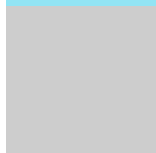
56.2575, 68.2824, 96.6009

Monochromacy



Original Color

55.9266, 68.1295, 95.7906



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

56.3476, 62.8933, 76.1876

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9266, 68.1295, 95.7906 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(146, 228, 244)` looks like.

```
.text, #text, p{  
    color:rgb(146, 228, 244)  
}
```

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(146, 228, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 228, 244) }
```

Border

The CSS property to change the border of an element to XYZ 55.9266, 68.1295, 95.7906 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(146, 228, 244) }
```


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

```
.border{ border-color:rgb(146, 228, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 228, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 228, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 228, 244);  
box-shadow:4px 4px 4px 4px rgb(146, 228,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9266, 68.1295, 95.7906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 228, 244) }
```

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

```
.background{ background-color: rgb(146,  
228, 244) }
```

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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