

Converting Colors

XYZ(50.4922, 55.4211, 98.3964)

Have a look what the booklet for
XYZ(50.4922, 55.4211, 98.3964)
contains.

XYZ(50.4085, 55.3462, 98.4686)	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(50.4085, 55.3462,
98.4686)**

Conversions

Conversions Part 1

Format	Color
Hex	93CAFA
RGB	147, 202, 250
RGB Percent	58%, 79%, 98%
CMY	0.4235, 0.2078, 0.0196
CMYK	0.41, 0.19, 0.00, 0.02
HSL	208°, 91%, 78%
HSV	208°, 41%, 98%
XYZ	50.4085, 55.3462, 98.4686
YIQ	191.0270, -48.1880, 3.2680

Conversions

Conversions Part 2

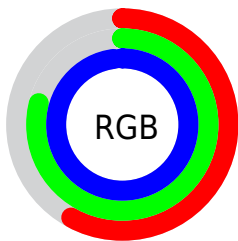
Format	Color
R _Y B	147, 183, 250
Decimal	9685754
CIE Lab	79.24, -5.79, -29.20
CIE LCh	79, 29.771, 258.776
Yxy	55.3462, 0.2468, 0.2710
Android (android.graphics.Color)	4287875834 (0xFF93CAFA)
YUV	191.0270, 29.0737, -38.6117
Hunter-Lab	74.3950, -9.2435, -26.3992

Details

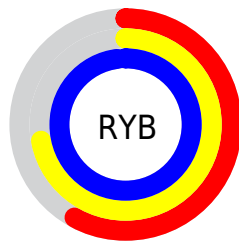
The XYZ color **50.4085, 55.3462, 98.4686** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.2074, 61.4624, 36.0851**, and the grayscale version is **49.3952, 51.9676, 56.5928**.

A 20% lighter version of the original color is **78.7118, 91.5774, 108.1354**, and **24.5299, 27.2542, 54.4198** is the 20% darker color. If you saturate the color by 10%, you get **43.7722, 48.0201, 97.4053**, and if you desaturate by 10%, it is **58.2289, 63.5915, 99.6489**.

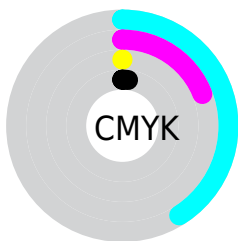
Distribution



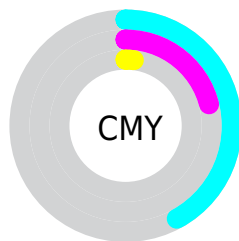
- Red (58%)
- Green (79%)
- Blue (98%)



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



- Cyan (41%)
- Magenta (19%)
- Yellow (0%)
- Black (2%)



- Cyan (42%)
- Magenta (21%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.4085, 55.3462, 98.4686 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 50.4085, 55.3462, 98.4686 by changing the saturation by 10% instead.

■ 50.4085, 55.3462,
98.4686

■ 50.4085, 55.3462,
98.4686

378.6869,
407.2229, 576.4763

■ 35.9572, 39.6790,
74.4125

■ 89.9680, 98.0480,
161.0846

■ 24.5711, 27.2883,
54.6329

■ 115.8070,
125.8514, 200.4815

■ 15.8848, 17.7899,
38.7113

146.1726,
158.4689, 245.8291

■ 9.5330, 10.7992,
26.2291

181.4301,
196.2850, 297.5459

■ 5.1503, 5.9320,
16.7678

221.9449,
239.6841, 356.0505

■ 2.3714, 2.8038,
9.9089

268.0825,

■ 0.8308, 1.0302,

289.0505, 421.7614

5.2338

320.2080,
344.7686, 495.0972

■ 0.0000, 0.0000,
2.3239

■ 0.0000, 0.0000,
0.7446

■ 50.4085, 55.3462,
98.4686

■ 50.4085, 55.3462,
98.4686

■ 43.7722, 48.0201,
97.4053

■ 58.2289, 63.5915,
99.6489

■ 38.2463, 41.5649,
96.4506

■ 67.2903, 72.7883,
100.9465

■ 33.7566, 35.9366,
95.6008

■ 77.6524, 82.9747,
102.3665

■ 30.2163, 31.0832,
94.8506

■ 89.3689, 94.1848,
103.9128

■ 27.5221, 26.9440,
94.1937

■ 94.2555, 99.6822,
104.7163

■ 25.7112, 23.8136,
93.6849

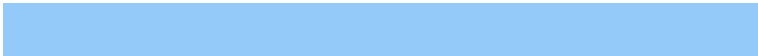
Harmonies

Analogous

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



45.4175, 55.3462, 88.4297



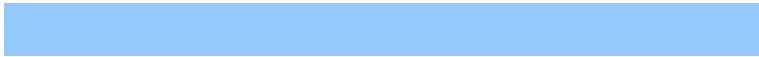
50.4085, 55.3462, 98.4686



56.3752, 55.3462, 96.9267

Triad

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



50.4085, 55.3462, 98.4686



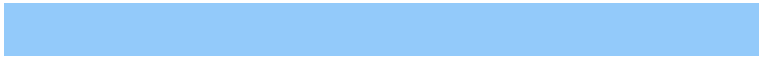
64.2016, 55.3462, 50.3165



44.4579, 55.3462, 41.1404

Complementary

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



50.4085, 55.3462, 98.4686



64.2074, 61.4624, 36.0851

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.



49.0066, 55.3462, 34.2521



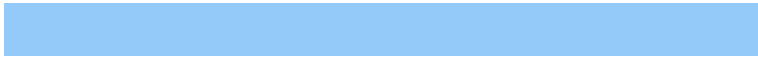
50.4085, 55.3462, 98.4686



60.5132, 55.3462, 38.8189

Square

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



50.4085, 55.3462, 98.4686



64.6482, 55.3462, 66.8704



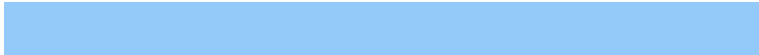
54.8642, 55.3462, 33.4911



42.1587, 55.3462, 54.1051

Rectangle

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



50.4085, 55.3462, 98.4686



60.1029, 55.3462, 89.5973



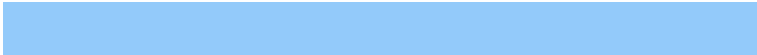
54.8642, 55.3462, 33.4911



45.7580, 55.3462, 38.1513

Sweetspot

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



50.4103, 55.3483, 98.4699



80.2930, 85.8880, 106.9539



55.8846, 78.4415, 62.8542



16.8688, 18.0749, 22.8497



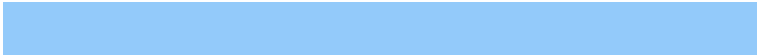
0.0000, 0.0000, 0.0000



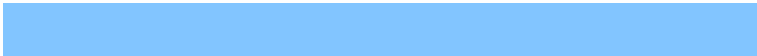
20.3446, 21.4041, 23.3091

Same Dimension

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



50.4103, 55.3483, 98.4699



47.1780, 51.7985, 102.1193



40.5424, 35.6124, 95.1806



17.0506, 18.1780, 21.9953



13.7835, 12.9225, 49.7414



1.3827, 1.4091, 4.6423

Inverse Universe

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



60.5203, 45.4576, 61.4636



59.2811, 41.2593, 57.5254



77.2991, 87.6459, 40.4490



17.6321, 17.3802, 19.9182



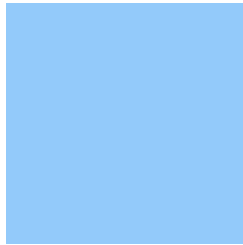
23.2493, 11.7154, 13.2870



2.2069, 1.1065, 1.5127

Previews

White Background



This preview shows how the XYZ color 50.4085, 55.3462, 98.4686 looks on a white background.

Color Contrast Check

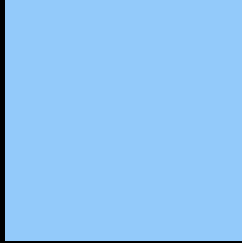
Large Text (above 18pt) WCAG AA × Fail

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 50.4085, 55.3462, 98.4686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

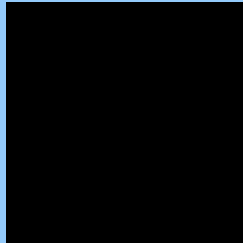
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

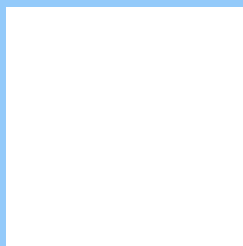
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.4085, 55.3462, 98.4686

Background



This preview shows how black text looks on a background with the XYZ color 50.4085, 55.3462, 98.4686.



This preview shows how white text looks on a background with the XYZ color 50.4085, 55.3462,

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

50.4085, 55.3462, 98.4686

Protanopia

55.1494, 55.1825, 93.3326

Deuteranopia

56.4279, 55.0418, 99.7455



Tritanopia

46.4473, 55.5288, 78.0821

Trichromacy



Original Color

50.4085, 55.3462, 98.4686

Protanomaly

53.1784, 55.1324, 95.0276

Deuteranomaly

53.9471, 55.1028, 99.0594

Tritanomaly

47.8670, 55.3855, 85.2584

Monochromacy



Original Color

50.4085, 55.3462, 98.4686

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.0780, 52.8976, 69.9109

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4085, 55.3462, 98.4686 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(147, 202, 250)` looks like.

```
.text, #text, p{  
    color:rgb(147, 202, 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(147, 202, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 202, 250) }
```

Border

The CSS property to change the border of an element to XYZ 50.4085, 55.3462, 98.4686 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(147, 202, 250) }
```


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

```
.border{ border-color:rgb(147, 202, 250) }
```

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

Here you see how a box with a 4 pixel rgb(147, 202, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 202, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 202, 250);  
box-shadow:4px 4px 4px 4px rgb(147, 202,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4085, 55.3462, 98.4686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 202, 250) }
```

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

```
.background{ background-color: rgb(147,  
202, 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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