

Converting Colors

XYZ(55.9518, 62.9159, 99.9159)

Have a look what the booklet for
XYZ(55.9518, 62.9159, 99.9159)
contains.

XYZ(55.8538, 62.8739, 99.6346)	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(55.8538, 62.8739,
99.6346)**

Conversions

Conversions Part 1

Format	Color
Hex	9FD7FA
RGB	159, 215, 250
RGB Percent	62%, 84%, 98%
CMY	0.3765, 0.1568, 0.0196
CMYK	0.36, 0.14, 0.00, 0.02
HSL	203°, 90%, 80%
HSV	203°, 36%, 98%
XYZ	55.8538, 62.8739, 99.6346
YIQ	202.2460, -44.6110, -0.9870

Conversions

Conversions Part 2

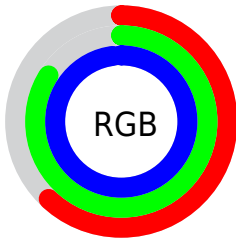
Format	Color
R_{YB}	159, 194, 250
Decimal	10475514
CIE _{Lab}	83.38, -9.54, -22.83
CIE _{LCh}	83, 24.745, 247.315
Yxy	62.8739, 0.2558, 0.2879
Android (android.graphics.Color)	4288665594 (0xFF9FD7FA)
YUV	202.2460, 23.5427, -37.9267
Hunter-Lab	79.2931, -13.0280, -18.9949

Details

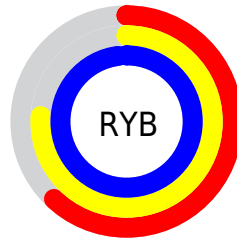
The XYZ color **55.8538, 62.8739, 99.6346** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.9753, 61.4118, 41.2317**, and the grayscale version is **56.1717, 59.0970, 64.3567**.

A 20% lighter version of the original color is **82.1289, 93.3389, 108.2953**, and **27.9054, 31.9349, 55.1454** is the 20% darker color. If you saturate the color by 10%, you get **49.0121, 55.8197, 98.6347**, and if you desaturate by 10%, it is **63.8459, 70.7376, 100.7323**.

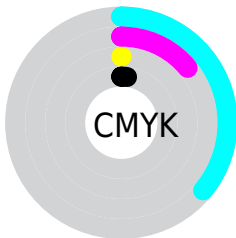
Distribution



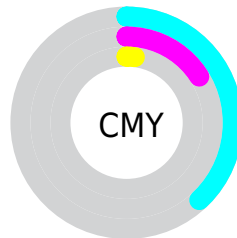
- Red (62%)
- Green (84%)
- Blue (98%)



- Red (62%)
- Yellow (76%)
- Blue (98%)



- Cyan (36%)
- Magenta (14%)
- Yellow (0%)
- Black (2%)



- Cyan (38%)
- Magenta (16%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.8538, 62.8739, 99.6346 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 55.8538, 62.8739, 99.6346 by changing the saturation by 10% instead.

■ 55.8538, 62.8739,
99.6346

■ 55.8538, 62.8739,
99.6346

399.2243,
435.1117, 580.2572

■ 40.3223, 45.7392,
75.3802

■ 97.9318, 108.9876,
162.7024

■ 27.9752, 32.0401,
55.4208

■ 125.2090,
138.7353, 202.3530

■ 18.4473, 21.3921,
39.3379

157.1322,
173.4562, 247.9727

■ 11.3733, 13.4109,
26.7128

194.0666,
213.5347, 299.9801

■ 6.3876, 7.7121,
17.1271

236.3777,
259.3550, 358.7937

■ 3.1251, 3.9113,
10.1623

284.4307,

■ 1.2202, 1.6241,

311.3017, 424.8320

5.3997

338.5911,
369.7592, 498.5137

■ 0.1223, 0.3737,
2.4208

■ 0.0000, 0.0000,
0.7977

■ 55.8538, 62.8739,
99.6346

■ 55.8538, 62.8739,
99.6346

■ 49.0121, 55.8197,
98.6347

■ 63.8459, 70.7376,
100.7323

■ 43.2516, 49.5315,
97.7246

■ 73.0406, 79.4370,
101.9269

■ 38.5044, 43.9719,
96.9017

■ 83.4939, 89.0058,
103.2229

■ 34.6915, 39.0964,
96.1616

■ 93.7675, 98.7061,
104.5537

■ 31.7210, 34.8536,
95.4992

■ 94.2555, 99.6822,
104.7164

■ 29.4783, 31.1805,
94.9084

■ 28.7866, 29.9643,
94.7101

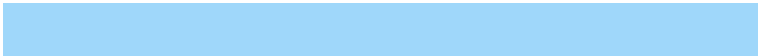
Harmonies

Analogous

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



51.8954, 62.8739, 88.0599



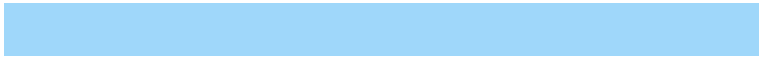
55.8538, 62.8739, 99.6346



61.0882, 62.8739, 102.2948

Triad

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



55.8538, 62.8739, 99.6346



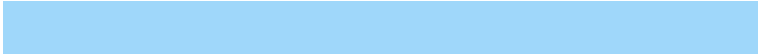
70.6323, 62.8739, 64.7513



53.6987, 62.8739, 47.4747

Complementary

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



55.8538, 62.8739, 99.6346



64.9753, 61.4118, 41.2317

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.



58.4507, 62.8739, 43.0520



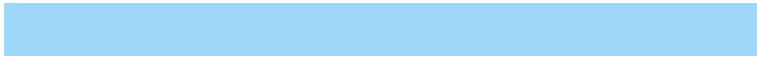
55.8538, 62.8739, 99.6346



68.3810, 62.8739, 52.0065

Square

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



55.8538, 62.8739, 99.6346



69.8339, 62.8739, 80.5473



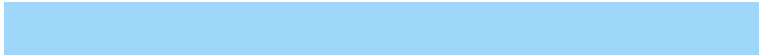
63.8437, 62.8739, 44.5768



50.7043, 62.8739, 57.6450

Rectangle

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



55.8538, 62.8739, 99.6346



64.6395, 62.8739, 98.3396



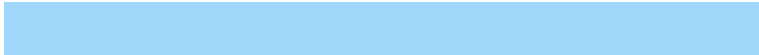
63.8437, 62.8739, 44.5768



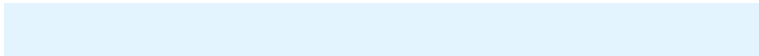
55.1320, 62.8739, 45.3420

Sweetspot

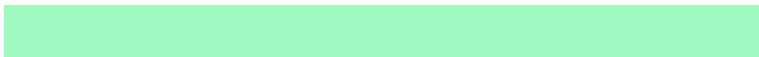
The Sweet Spot groups the original color and five complimentary colors.



55.8558, 62.8763, 99.6361



82.1273, 88.3718, 107.3366



58.2097, 79.6333, 63.2748



17.2622, 18.6252, 22.9352



0.0000, 0.0000, 0.0000



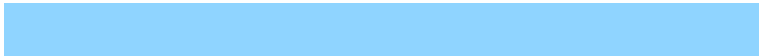
20.3446, 21.4041, 23.3091

Same Dimension

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



55.8558, 62.8763, 99.6361



52.8486, 60.0528, 103.4137



45.8580, 42.8808, 96.3035



17.1725, 18.4218, 22.0360



15.4127, 16.1810, 50.2845



1.5301, 1.7038, 4.6914

Inverse Universe

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



64.0899, 50.0283, 70.5711



62.8969, 45.5907, 67.6717



76.6625, 84.7863, 45.1275



17.6936, 17.4048, 20.2422



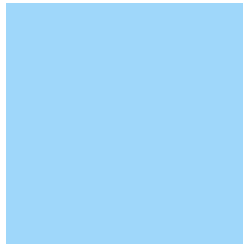
24.0716, 12.0444, 17.6176



2.2812, 1.1362, 1.9044

Previews

White Background



This preview shows how the XYZ color 55.8538, 62.8739, 99.6346 looks on a white background.

Color Contrast Check

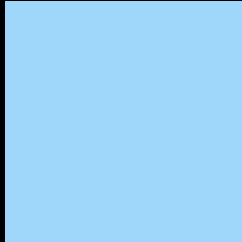
Large Text (above 18pt) WCAG AA × Fail

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 55.8538, 62.8739, 99.6346 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 55.8538, 62.8739, 99.6346

Background



This preview shows how black text looks on a background with the XYZ color 55.8538, 62.8739, 99.6346.

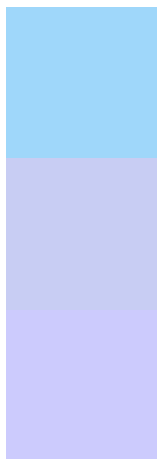


This preview shows how white text looks on a background with the XYZ color 55.8538, 62.8739,

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

55.8538, 62.8739, 99.6346

Protanopia

61.8284, 62.4131, 93.5822

Deuteranopia

63.9874, 62.6411, 101.6469



Tritanopia

53.5844, 63.1095, 87.9544

Trichromacy



Original Color

55.8538, 62.8739, 99.6346

Protanomaly

59.4426, 62.5690, 96.1328

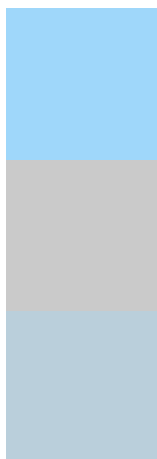
Deuteranomaly

60.6225, 62.3453, 100.9342

Tritanomaly

54.2513, 62.9849, 91.7360

Monochromacy



Original Color

55.8538, 62.8739, 99.6346

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.3487, 60.1792, 75.7164

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8538, 62.8739, 99.6346 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(159, 215, 250)` looks like.

```
.text, #text, p{  
    color:rgb(159, 215, 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(159, 215, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 215, 250) }
```

Border

The CSS property to change the border of an element to XYZ 55.8538, 62.8739, 99.6346 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(159, 215, 250) }
```


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

```
.border{ border-color:rgb(159, 215, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 215, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 215, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 215, 250);  
box-shadow:4px 4px 4px 4px rgb(159, 215,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8538, 62.8739, 99.6346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 215, 250) }
```

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

```
.background{ background-color: rgb(159,  
215, 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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