

Converting Colors

XYZ(55.5315, 63.8866, 98.2116)

Have a look what the booklet for
XYZ(55.5315, 63.8866, 98.2116)
contains.

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Color

**XYZ(55.5322, 63.8887,
98.2118)**

Conversions

Conversions Part 1

Format	Color
Hex	9BDAF8
RGB	155, 218, 248
RGB Percent	61%, 85%, 97%
CMY	0.3921, 0.1451, 0.0274
CMYK	0.37, 0.12, 0.00, 0.03
HSL	199°, 87%, 79%
HSV	199°, 37%, 97%
XYZ	55.5322, 63.8887, 98.2118
YIQ	202.5830, -47.1780, -4.0260

Conversions

Conversions Part 2

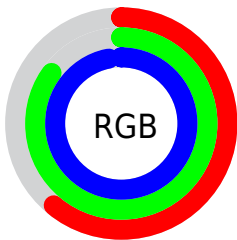
Format	Color
RYB	155, 193, 248
Decimal	10214136
CIELab	83.91, -12.64, -20.99
CIELCh	84, 24.499, 238.937
Yxy	63.8887, 0.2552, 0.2936
Android (android.graphics.Color)	4288404216 (0xFF9BDAF8)
YUV	202.5830, 22.3906, -41.7303
Hunter-Lab	79.9304, -15.8641, -16.8993

Details

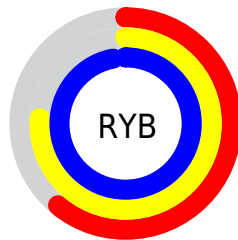
The XYZ color **55.5322, 63.8887, 98.2118** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **61.9778, 57.0218, 38.7517**, and the grayscale version is **56.3904, 59.3271, 64.6072**.

A 20% lighter version of the original color is **80.9614, 92.7370, 108.2407**, and **27.7572, 32.6528, 54.7088** is the 20% darker color. If you saturate the color by 10%, you get **49.2284, 57.6347, 97.3380**, and if you desaturate by 10%, it is **62.9175, 70.8518, 99.1677**.

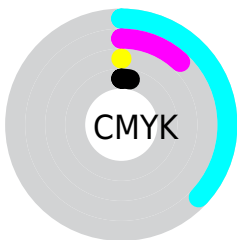
Distribution



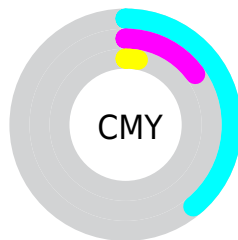
- Red (61%)
- Green (85%)
- Blue (97%)



- Red (61%)
- Yellow (76%)
- Blue (97%)



- Cyan (37%)
- Magenta (12%)
- Yellow (0%)
- Black (3%)



- Cyan (39%)
- Magenta (15%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5322, 63.8887, 98.2118 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 55.5322, 63.8887, 98.2118 by changing the saturation by 10% instead.

■ 55.5322, 63.8887,
98.2118

■ 55.5322, 63.8887,
98.2118

398.0298,
438.7876, 575.6418

■ 40.0635, 46.5605,
74.1994

■ 97.4641, 110.4506,
160.7280

■ 27.7725, 32.6884,
54.4595

■ 124.6579,
140.4532, 200.0689

■ 18.2938, 21.8878,
38.5735

156.4909,
175.4493, 245.3564

■ 11.2621, 13.7745,
26.1228

193.3284,
215.8234, 297.0091

■ 6.3120, 7.9640,
16.6889

235.5356,
261.9599, 355.4454

■ 3.0782, 4.0719,
9.8534

283.4780,

■ 1.1952, 1.7139,

314.2432, 421.0839

5.1975

337.5210,
373.0576, 494.3432

■ 0.1026, 0.4326,
2.3028

■ 0.0000, 0.0000,
0.7328

■ 55.5322, 63.8887,
98.2118

■ 55.5322, 63.8887,
98.2118

■ 49.2284, 57.6347,
97.3380

■ 62.9175, 70.8518,
99.1677

■ 43.9384, 52.0485,
96.5386

■ 71.4349, 78.5477,
100.2042

■ 39.5959, 47.0952,
95.8114

■ 81.1386, 87.0078,
101.3257

■ 36.1235, 42.7327,
95.1524

■ 92.0776, 96.2593,
102.5349

■ 33.4303, 38.9120,
94.5568

■ 93.9435, 99.5574,
103.0732

■ 31.3971, 35.5694,
94.0188

■ 30.9472, 34.7848,
93.8911

Harmonies

Analogous

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



52.0985, 63.8887, 84.9357



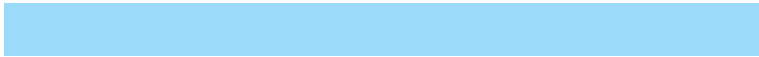
55.5322, 63.8887, 98.2118



60.5322, 63.8887, 103.6597

Triad

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



55.5322, 63.8887, 98.2118



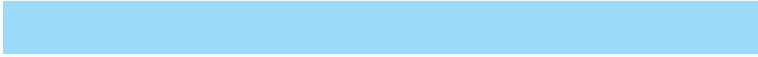
71.6868, 63.8887, 70.1162



55.8466, 63.8887, 46.6875

Complementary

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



55.5322, 63.8887, 98.2118



61.9778, 57.0218, 38.7517

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.



60.9168, 63.8887, 43.9080



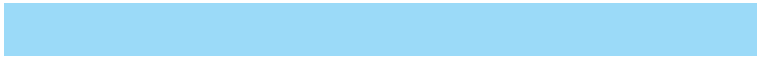
55.5322, 63.8887, 98.2118



70.2532, 63.8887, 56.1686

Square

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



55.5322, 63.8887, 98.2118



70.0415, 63.8887, 86.0302



66.2303, 63.8887, 47.1110



52.2723, 63.8887, 55.3454

Rectangle

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



55.5322, 63.8887, 98.2118



64.1500, 63.8887, 101.5846



66.2303, 63.8887, 47.1110



57.4227, 63.8887, 45.0968

Sweetspot

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



55.5342, 63.8912, 98.2133



82.6540, 89.4252, 107.5122



55.7854, 77.5843, 57.6318



17.3880, 18.8768, 22.9771



0.0000, 0.0000, 0.0000



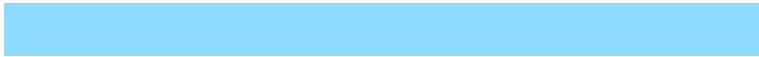
20.3446, 21.4041, 23.3091

Same Dimension

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



55.5342, 63.8912, 98.2133



53.9752, 62.9528, 103.9141



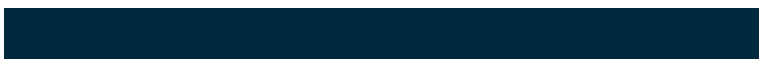
45.2244, 43.2717, 94.7767



17.2662, 18.6093, 22.0672



16.8501, 19.0559, 50.7636



1.6566, 1.9569, 4.7336

Inverse Universe

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



63.0892, 48.4628, 72.3615



63.3077, 45.1505, 71.6984



73.1910, 79.4482, 42.4894



17.7409, 17.4237, 20.4914



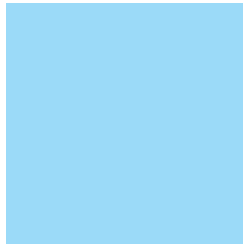
24.7972, 12.3346, 21.4383



2.3451, 1.1618, 2.2407

Previews

White Background



This preview shows how the XYZ color 55.5322, 63.8887, 98.2118 looks on a white background.

Color Contrast Check

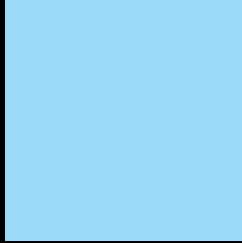
Large Text (above 18pt) WCAG AA × Fail

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 55.5322, 63.8887, 98.2118 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 55.5322, 63.8887, 98.2118

Background



This preview shows how black text looks on a background with the XYZ color 55.5322, 63.8887, 98.2118.

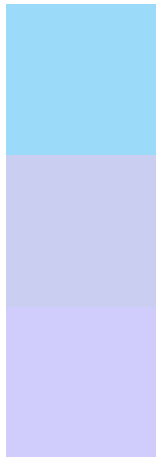


This preview shows how white text looks on a background with the XYZ color 55.5322, 63.8887,

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

55.5322, 63.8887, 98.2118

Protanopia

62.5471, 63.5331, 92.1856

Deuteranopia

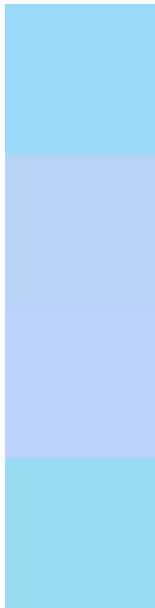
65.0179, 63.5607, 100.1084



Tritanopia

53.8282, 63.9762, 89.6324

Trichromacy



Original Color

55.5322, 63.8887, 98.2118

Protanomaly

59.6310, 63.4345, 94.6891

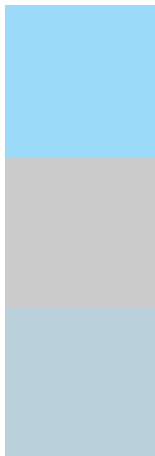
Deuteranomaly

61.0420, 63.3219, 99.4476

Tritanomaly

54.3456, 63.7862, 92.6667

Monochromacy



Original Color

55.5322, 63.8887, 98.2118

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.5918, 60.6653, 75.7974

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5322, 63.8887, 98.2118 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(155, 218, 248)` looks like.

```
.text, #text, p{  
    color:rgb(155, 218, 248)  
}
```

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(155, 218, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 218, 248) }
```

Border

The CSS property to change the border of an element to XYZ 55.5322, 63.8887, 98.2118 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(155, 218, 248) }
```


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

```
.border{ border-color:rgb(155, 218, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 218, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 218, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 218, 248); box-shadow:4px 4px 4px 4px rgb(155, 218, 248) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5322, 63.8887, 98.2118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 218, 248) }
```

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

```
.background{ background-color: rgb(155,  
218, 248) }
```

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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