

Converting Colors

XYZ(55.6120, 58.2771,
102.9253)

Have a look what the booklet for
XYZ(55.6120, 58.2771, 102.9253)
contains.

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Color

**XYZ(55.5544, 58.2567,
102.9244)**

Conversions

Conversions Part 1

Format	Color
Hex	A8CBFF
RGB	168, 203, 255
RGB Percent	66%, 80%, 100%
CMY	0.3412, 0.2039, 0.0000
CMYK	0.34, 0.20, 0.00, 0.00
HSL	216°, 100%, 83%
HSV	216°, 34%, 100%
XYZ	55.5544, 58.2567, 102.9244
YIQ	198.4630, -37.5520, 8.7520

Conversions

Conversions Part 2

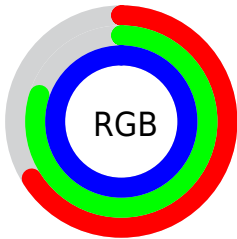
Format	Color
R _Y B	168, 193, 255
Decimal	11062271
CIE Lab	80.88, 0.46, -29.25
CIE LCh	81, 29.250, 270.901
Yxy	58.2567, 0.2563, 0.2688
Android (android.graphics.Color)	4289252351 (0xFFA8CBFF)
YUV	198.4630, 27.8727, -26.7161
Hunter-Lab	76.3261, -3.6483, -26.5233

Details

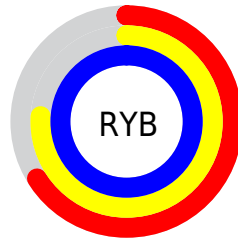
The XYZ color **55.5544, 58.2567, 102.9244** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **73.9015, 75.2738, 47.6820**, and the grayscale version is **53.8116, 56.6140, 61.6527**.

A 20% lighter version of the original color is **84.8613, 94.7476, 108.4232**, and **27.7505, 29.0828, 57.5770** is the 20% darker color. If you saturate the color by 10%, you get **47.2246, 48.8806, 101.5536**, and if you desaturate by 10%, it is **65.3059, 68.8936, 104.4635**.

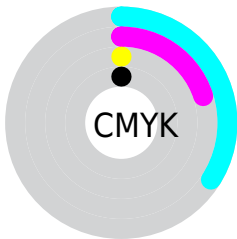
Distribution



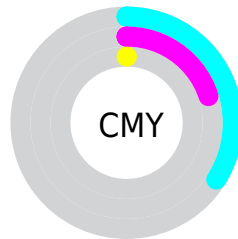
- Red (66%)
- Green (80%)
- Blue (100%)



- Red (66%)
- Yellow (76%)
- Blue (100%)



- Cyan (34%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (34%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5544, 58.2567, 102.9244 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 55.5544, 58.2567, 102.9244 by changing the saturation by 10% instead.

■ 55.5544, 58.2567,
102.9244

■ 55.5544, 58.2567,
102.9244

398.1124,
418.1418, 590.8550

■ 40.0814, 42.0151,
78.1146

■ 97.4964, 102.2966,
167.2570

■ 27.7865, 29.1131,
57.6511

124.6960,
130.8636, 207.6169

■ 18.3044, 19.1664,
41.1154

156.5352,
164.3079, 253.9973

■ 11.2698, 11.7906,
28.0889

193.3793,
203.0138, 306.8167

■ 6.3172, 6.6012,
18.1530

235.5938,
247.3657, 366.4936

■ 3.0814, 3.2140,
10.8893

283.5439,

■ 1.1970, 1.2444,

297.7481, 433.4466

5.8792

337.5949,
354.5453, 508.0942

■ 0.1040, 0.0976,
2.7042

■ 0.0000, 0.0000,
0.9455

■ 55.5544, 58.2567,
102.9244

■ 55.5544, 58.2567,
102.9244

■ 47.2246, 48.8806,
101.5536

■ 65.3059, 68.8936,
104.4635

■ 40.2387, 40.7062,
100.3440

■ 76.5412, 80.8339,
106.1761

■ 34.5188, 33.6789,
99.2891

■ 89.3246, 94.1259,
108.0679

■ 29.9759, 27.7362,
98.3815

■ 95.0500, 100.0000,
108.9000

■ 26.5082, 22.8081,
97.6130

■ 23.9926, 18.8126,
96.9744

■ 22.8596, 16.8392,
96.6532

Harmonies

Analogous

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



49.9033, 58.2567, 97.2307



55.5544, 58.2567, 102.9244



61.5641, 58.2567, 96.5358

Triad

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



55.5544, 58.2567, 102.9244



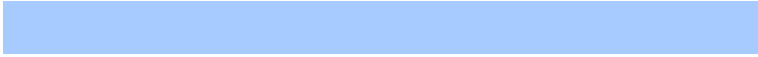
65.9671, 58.2567, 47.8114



45.8141, 58.2567, 48.5670

Complementary

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



55.5544, 58.2567, 102.9244



73.9015, 75.2738, 47.6820

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.



49.6082, 58.2567, 38.9199



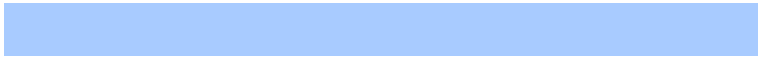
55.5544, 58.2567, 102.9244



61.2247, 58.2567, 38.5428

Square

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



55.5544, 58.2567, 102.9244



67.8389, 58.2567, 62.9091



55.1885, 58.2567, 35.6063



44.5331, 58.2567, 63.9570

Rectangle

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



55.5544, 58.2567, 102.9244



64.9006, 58.2567, 86.8533



55.1885, 58.2567, 35.6063



46.8235, 58.2567, 44.6517

Sweetspot

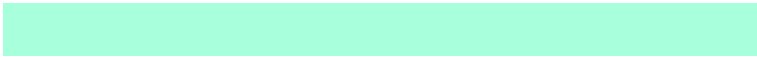
The Sweet Spot groups the original color and five complimentary colors.



55.5561, 58.2589, 102.9247



81.6121, 86.1388, 106.9328



64.6628, 84.9467, 79.8348



17.0914, 18.0440, 22.8320



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.



55.5561, 58.2589, 102.9247



49.6729, 51.6713, 101.9633



49.7895, 44.3701, 100.5478



17.6028, 18.5773, 22.9080



12.0814, 9.0723, 50.5490



1.2799, 1.0906, 4.9563

Inverse Universe

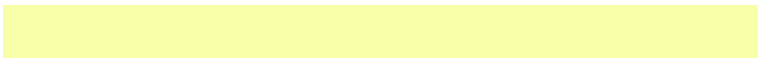
The Inverse Universe completely reimagines the original color for something new.



66.0233, 53.5787, 63.3641



61.7896, 47.0451, 55.9910



81.4512, 94.2582, 50.9484



18.3122, 18.1082, 20.2611



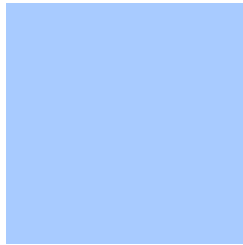
22.8863, 11.6438, 8.0518



2.2807, 1.1546, 1.0594

Previews

White Background



This preview shows how the XYZ color 55.5544, 58.2567, 102.9244 looks on a white background.

Color Contrast Check

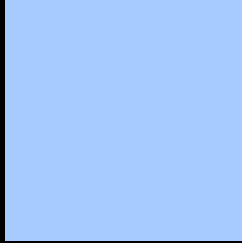
Large Text (above 18pt) WCAG AA × Fail

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 55.5544, 58.2567, 102.9244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

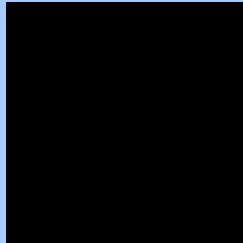
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

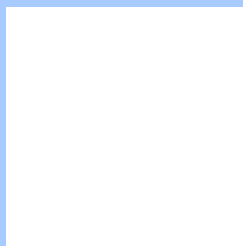
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.5544, 58.2567, 102.9244

Background



This preview shows how black text looks on a background with the XYZ color 55.5544, 58.2567, 102.9244.



This preview shows how white text looks on a background with the XYZ color 55.5544, 58.2567,

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

55.5544, 58.2567, 102.9244

Protanopia

58.2583, 57.9812, 100.2164

Deuteranopia

59.5021, 58.2289, 102.7109



Tritanopia

50.8444, 58.1251, 79.7736

Trichromacy



Original Color

55.5544, 58.2567, 102.9244

Protanomaly

57.2063, 58.1037, 101.1285

Deuteranomaly

58.0019, 58.1341, 102.7717

Tritanomaly

52.5215, 58.0913, 87.8014

Monochromacy



Original Color

55.5544, 58.2567, 102.9244

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.9340, 56.9878, 75.1750

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5544, 58.2567, 102.9244 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(168, 203, 255)` looks like.

```
.text, #text, p{  
    color:rgb(168, 203, 255)  
}
```

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(168, 203, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 203, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.5544, 58.2567, 102.9244 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(168, 203, 255) }
```


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

```
.border{ border-color:rgb(168, 203, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 203, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 203, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 203, 255);  
box-shadow:4px 4px 4px 4px rgb(168, 203,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5544, 58.2567, 102.9244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 203, 255) }
```

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

```
.background{ background-color: rgb(168,  
203, 255) }
```

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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