

Converting Colors

XYZ(56.5136, 62.2145,
103.6378)

Have a look what the booklet for
XYZ(56.5136, 62.2145, 103.6378)
contains.

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Color

**XYZ(56.5422, 62.3856,
103.6693)**

Conversions

Conversions Part 1

Format	Color
Hex	A1D5FF
RGB	161, 213, 255
RGB Percent	63%, 84%, 100%
CMY	0.3686, 0.1647, 0.0000
CMYK	0.37, 0.16, 0.00, 0.00
HSL	207°, 100%, 82%
HSV	207°, 37%, 100%
XYZ	56.5422, 62.3856, 103.6693
YIQ	202.2400, -44.4740, 2.0380

Conversions

Conversions Part 2

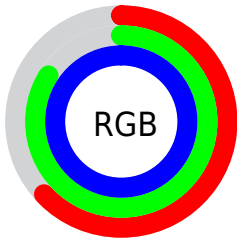
Format	Color
RYB	161, 194, 255
Decimal	10606079
CIELab	83.12, -6.72, -25.86
CIElCh	83, 26.721, 255.438
Yxy	62.3856, 0.2540, 0.2803
Android (android.graphics.Color)	4288796159 (0xFFA1D5FF)
YUV	202.2400, 26.0107, -36.1675
Hunter-Lab	78.9846, -10.4412, -22.5305

Details

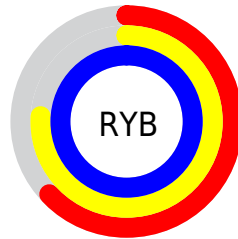
The XYZ color **56.5422, 62.3856, 103.6693** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **69.0294, 66.5453, 42.9264**, and the grayscale version is **56.1530, 59.0773, 64.3352**.

A 20% lighter version of the original color is **82.7234, 93.6454, 108.3231**, and **28.3638, 31.5951, 58.0296** is the 20% darker color. If you saturate the color by 10%, you get **49.1523, 54.4715, 102.5312**, and if you desaturate by 10%, it is **65.1848, 71.2473, 104.9242**.

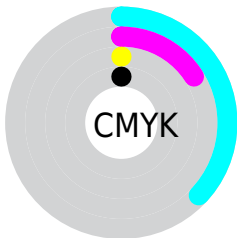
Distribution



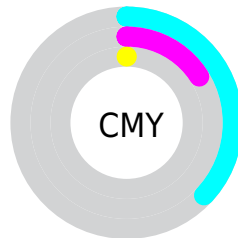
- Red (63%)
- Green (84%)
- Blue (100%)



- Red (63%)
- Yellow (76%)
- Blue (100%)



- Cyan (37%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (37%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.5422, 62.3856, 103.6693 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 56.5422, 62.3856, 103.6693 by changing the saturation by 10% instead.

■ 56.5422, 62.3856,
103.6693

■ 56.5422, 62.3856,
103.6693

401.7736,
433.3362, 593.2407

■ 40.8765, 45.3443,
78.7345

■ 98.9321, 108.2826,
168.2863

■ 28.4098, 31.7287,
58.1576

■ 126.3870,
137.9072, 208.8056

■ 18.7769, 21.1544,
41.5198

158.5024,
172.4950, 255.3568

■ 11.6122, 13.2369,
28.4027

195.6436,
212.4304, 308.3585

■ 6.5505, 7.5919,
18.3878

238.1760,
258.0979, 368.2292

■ 3.2264, 3.8349,
11.0564

286.4649,

■ 1.2746, 1.5817,

309.8817, 435.3874

5.9902

340.8756,
368.1664, 510.2517

■ 0.1641, 0.3452,
2.7704

■ 0.0000, 0.0000,
0.9786

■ 56.5422, 62.3856,
103.6693

■ 56.5422, 62.3856,
103.6693

■ 49.1523, 54.4715,
102.5312

■ 65.1848, 71.2473,
104.9242

■ 42.9416, 47.4566,
101.5045

■ 75.1376, 81.0877,
106.2991

■ 37.8364, 41.2981,
100.5849

■ 86.4604, 91.9450,
107.7979

■ 33.7518, 35.9458,
99.7671

95.0500, 100.0000,
108.9000

■ 30.5884, 31.3416,
99.0451

■ 28.2215, 27.4143,
98.4118

■ 27.5851, 26.2902,
98.2284

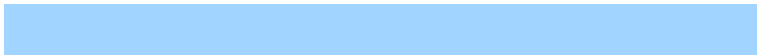
Harmonies

Analogous

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



51.8267, 62.3856, 93.2526



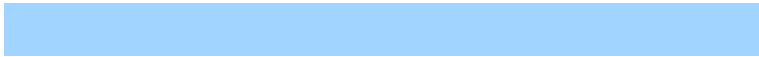
56.5422, 62.3856, 103.6693



62.3069, 62.3856, 103.5021

Triad

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



56.5422, 62.3856, 103.6693



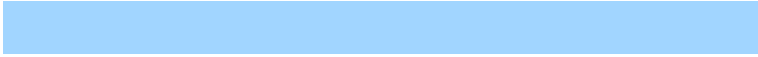
70.6793, 62.3856, 59.7934



51.7167, 62.3856, 47.9331

Complementary

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



56.5422, 62.3856, 103.6693



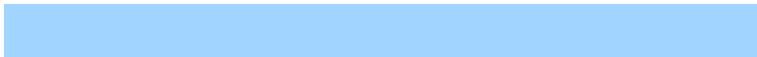
69.0294, 66.5453, 42.9264

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.



56.3830, 62.3856, 41.6105



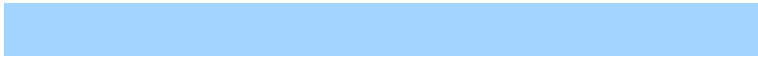
56.5422, 62.3856, 103.6693



67.4498, 62.3856, 47.6603

Square

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



56.5422, 62.3856, 103.6693



70.7289, 62.3856, 76.2573



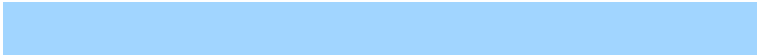
62.1371, 62.3856, 41.5195



49.1661, 62.3856, 60.2271

Rectangle

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



56.5422, 62.3856, 103.6693



65.9834, 62.3856, 97.3348



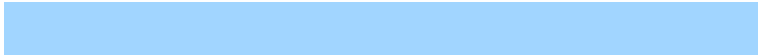
62.1371, 62.3856, 41.5195



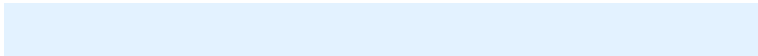
53.0758, 62.3856, 45.1340

Sweetspot

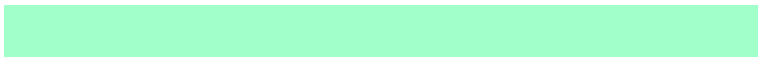
The Sweet Spot groups the original color and five complimentary colors.



56.5440, 62.3879, 103.6696



81.6043, 87.3258, 107.1623



61.0881, 83.3492, 68.5815



17.1374, 18.3757, 22.8936



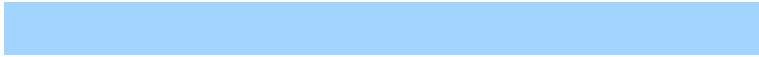
0.0000, 0.0000, 0.0000



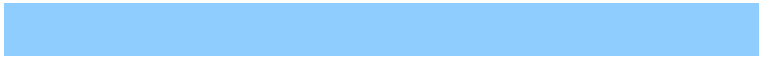
20.3446, 21.4041, 23.3091

Same Dimension

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



56.5440, 62.3879, 103.6696



51.1435, 56.6425, 102.8453



46.6171, 42.5341, 100.3607



17.8363, 19.0441, 22.9858



14.5652, 14.0399, 51.3769



1.5272, 1.5852, 5.0387

Inverse Universe

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



65.9963, 51.5554, 69.4262



62.0363, 45.2465, 63.1395



81.4668, 91.4201, 47.0722



18.4300, 18.1553, 20.8815



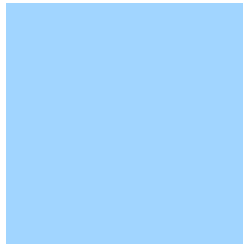
24.1400, 12.1453, 14.6537



2.4055, 1.2046, 1.7167

Previews

White Background



This preview shows how the XYZ color 56.5422, 62.3856, 103.6693 looks on a white background.

Color Contrast Check

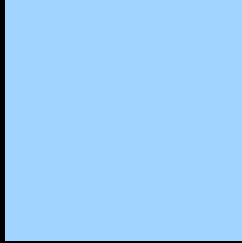
Large Text (above 18pt) WCAG AA × Fail

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 56.5422, 62.3856, 103.6693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

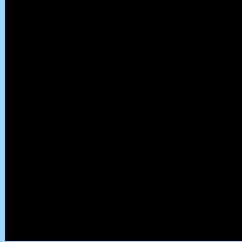
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

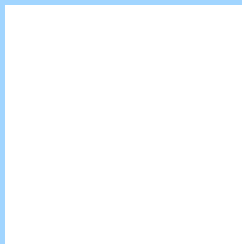
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.5422, 62.3856, 103.6693

Background



This preview shows how black text looks on a background with the XYZ color 56.5422, 62.3856, 103.6693.



This preview shows how white text looks on a background with the XYZ color 56.5422, 62.3856,

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

56.5422, 62.3856, 103.6693

Protanopia

61.7177, 61.8956, 98.3167

Deuteranopia

63.2579, 61.8786, 103.2174



Tritanopia

53.3744, 62.6341, 87.1184

Trichromacy



Original Color

56.5422, 62.3856, 103.6693

Protanomaly

59.4926, 61.7810, 100.0561

Deuteranomaly

60.3710, 61.8017, 103.3548

Tritanomaly

54.6834, 62.7916, 93.2423

Monochromacy



Original Color

56.5422, 62.3856, 103.6693

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.6160, 59.9279, 77.0426

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5422, 62.3856, 103.6693 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(161, 213, 255)` looks like.

```
.text, #text, p{  
    color:rgb(161, 213, 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(161, 213, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 213, 255) }
```

Border

The CSS property to change the border of an element to XYZ 56.5422, 62.3856, 103.6693 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(161, 213, 255) }
```


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

```
.border{ border-color:rgb(161, 213, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 213, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 213, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 213, 255);  
box-shadow:4px 4px 4px 4px rgb(161, 213,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5422, 62.3856, 103.6693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 213, 255) }
```

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

```
.background{ background-color: rgb(161,  
213, 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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