

Converting Colors

XYZ(56.3618, 60.5215,
100.5617)

Have a look what the booklet for
XYZ(56.3618, 60.5215, 100.5617)
contains.

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Color

**XYZ(56.4887, 60.5750,
100.8103)**

Conversions

Conversions Part 1

Format	Color
Hex	A9D0FC
RGB	169, 208, 252
RGB Percent	66%, 82%, 99%
CMY	0.3372, 0.1843, 0.0118
CMYK	0.33, 0.17, 0.00, 0.01
HSL	212°, 93%, 83%
HSV	212°, 33%, 99%
XYZ	56.4887, 60.5750, 100.8103
YIQ	201.3550, -37.3680, 5.4160

Conversions

Conversions Part 2

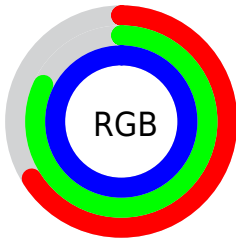
Format	Color
R _Y B	169, 196, 252
Decimal	11129084
CIE Lab	82.15, -2.68, -25.71
CIE LCh	82, 25.845, 264.055
Yxy	60.5750, 0.2593, 0.2780
Android (android.graphics.Color)	4289319164 (0xFFA9D0FC)
YUV	201.3550, 24.9680, -28.3753
Hunter-Lab	77.8299, -6.6477, -22.3152

Details

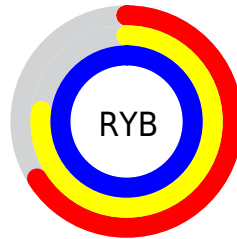
The XYZ color **56.4887, 60.5750, 100.8103** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.1016, 71.1494, 47.5236**, and the grayscale version is **55.6056, 58.5014, 63.7080**.

A 20% lighter version of the original color is **85.1740, 94.9088, 108.4378**, and **28.3454, 30.6287, 56.0477** is the 20% darker color. If you saturate the color by 10%, you get **48.4739, 51.8113, 99.5422**, and if you desaturate by 10%, it is **65.8236, 70.4292, 102.2214**.

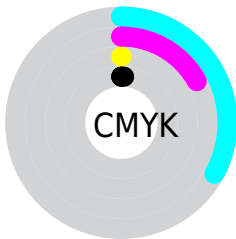
Distribution



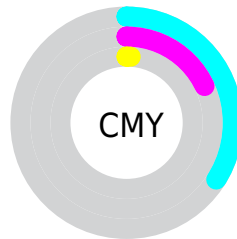
- Red (66%)
- Green (82%)
- Blue (99%)



- Red (66%)
- Yellow (77%)
- Blue (99%)



- Cyan (33%)
- Magenta (17%)
- Yellow (0%)
- Black (1%)



- Cyan (34%)
- Magenta (18%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.4887, 60.5750, 100.8103 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 56.4887, 60.5750, 100.8103 by changing the saturation by 10% instead.

■ 56.4887, 60.5750,
100.8103

■ 56.4887, 60.5750,
100.8103

401.5758,
426.7140, 584.0563

■ 40.8334, 43.8823,
76.3568

■ 98.8544, 105.6633,
164.3319

■ 28.3760, 30.5780,
56.2167

126.2956,
134.8277, 204.2370

■ 18.7512, 20.2777,
39.9715

158.3960,
168.9181, 250.1297

■ 11.5936, 12.5971,
27.2027

195.5212,
208.3189, 302.4285

■ 6.5378, 7.1517,
17.4918

238.0364,
253.4145, 361.5521

■ 3.2185, 3.5571,
10.4201

286.3070,

■ 1.2703, 1.4291,

304.5893, 427.9189

5.5691

340.6984,
362.2276, 501.9474

■ 0.1609, 0.2380,
2.5204

■ 0.0000, 0.0000,
0.8509

■ 56.4887, 60.5750,
100.8103

■ 56.4887, 60.5750,
100.8103

■ 48.4739, 51.8113,
99.5422

■ 65.8236, 70.4292,
102.2214

■ 41.7065, 44.0866,
98.4079

■ 76.5345, 81.4083,
103.7760

■ 36.1153, 37.3552,
97.4033

■ 88.6810, 93.5536,
105.4801

■ 31.6187, 31.5641,
96.5225

■ 94.5709, 99.8084,
106.3770

■ 28.1232, 26.6539,
95.7589

■ 25.5165, 22.5547,
95.1051

■ 24.0982, 20.0830,
94.7028

Harmonies

Analogous

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



51.6001, 60.5750, 93.5710



56.4887, 60.5750, 100.8103



61.9838, 60.5750, 97.5788

Triad

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



56.4887, 60.5750, 100.8103



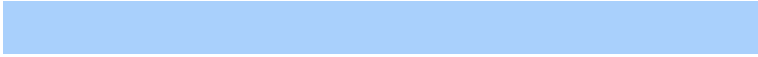
67.7578, 60.5750, 54.3888



49.4476, 60.5750, 49.7594

Complementary

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



56.4887, 60.5750, 100.8103



71.1016, 71.1494, 47.5236

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.



53.3799, 60.5750, 42.0301



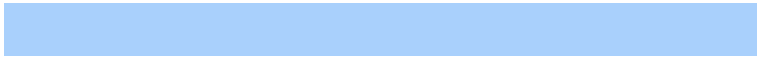
56.4887, 60.5750, 100.8103



63.9936, 60.5750, 44.3908

Square

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



56.4887, 60.5750, 100.8103



68.7205, 60.5750, 69.1357



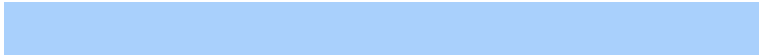
58.6746, 60.5750, 40.2332



47.7044, 60.5750, 62.8751

Rectangle

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



56.4887, 60.5750, 100.8103



65.2281, 60.5750, 90.1452



58.6746, 60.5750, 40.2332



50.5448, 60.5750, 46.5343

Sweetspot

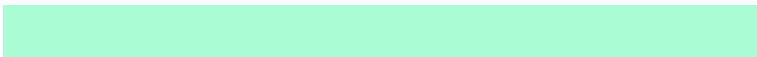
The Sweet Spot groups the original color and five complimentary colors.



56.4906, 60.5774, 100.8117



82.1212, 87.1569, 107.1025



63.0430, 82.8047, 74.8720



17.2143, 18.2898, 22.8729



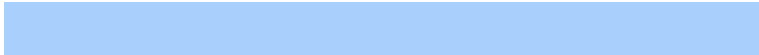
0.0000, 0.0000, 0.0000



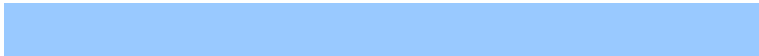
20.3446, 21.4041, 23.3091

Same Dimension

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



56.4906, 60.5774, 100.8117



52.0570, 55.7327, 102.6215



48.4208, 43.9948, 98.0363



16.9555, 17.9879, 21.9637



12.6977, 10.7509, 49.3795



1.2812, 1.2060, 4.6084

Inverse Universe

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



65.7196, 53.6272, 66.5642



63.1655, 48.2562, 61.2000



81.6187, 92.9246, 51.1724



17.5841, 17.3610, 19.6656



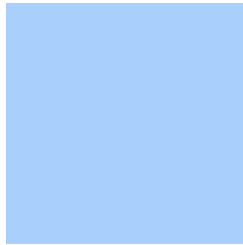
22.7012, 11.4962, 10.4011



2.1556, 1.0860, 1.2427

Previews

White Background



This preview shows how the XYZ color 56.4887, 60.5750, 100.8103 looks on a white background.

Color Contrast Check

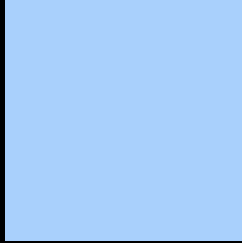
Large Text (above 18pt) WCAG AA × Fail

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 56.4887, 60.5750, 100.8103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

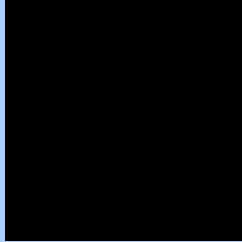
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

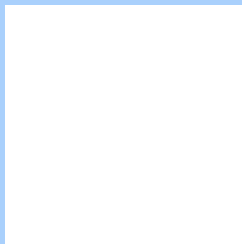
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.4887, 60.5750, 100.8103

Background



This preview shows how black text looks on a background with the XYZ color 56.4887, 60.5750, 100.8103.



This preview shows how white text looks on a background with the XYZ color 56.4887, 60.5750,

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

56.4887, 60.5750, 100.8103

Protanopia

60.3119, 60.4877, 97.3035

Deuteranopia

61.8324, 60.4701, 102.1789



Tritanopia

52.9962, 60.6366, 83.0396

Trichromacy



Original Color

56.4887, 60.5750, 100.8103

Protanomaly

58.6993, 60.3396, 98.1754

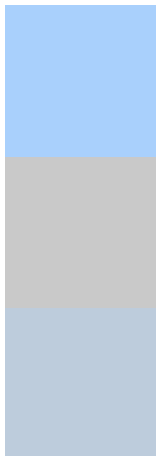
Deuteranomaly

59.5791, 60.3685, 101.4406

Tritanomaly

54.3062, 60.8099, 88.9960

Monochromacy



Original Color

56.4887, 60.5750, 100.8103

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.4974, 59.1719, 76.2064

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4887, 60.5750, 100.8103 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(169, 208, 252)` looks like.

```
.text, #text, p{  
    color:rgb(169, 208, 252)  
}
```

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(169, 208, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 208, 252) }
```

Border

The CSS property to change the border of an element to XYZ 56.4887, 60.5750, 100.8103 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(169, 208, 252) }
```


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

```
.border{ border-color:rgb(169, 208, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 208, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 208, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 208, 252);  
box-shadow:4px 4px 4px 4px rgb(169, 208,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4887, 60.5750, 100.8103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 208, 252) }
```

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

```
.background{ background-color: rgb(169,  
208, 252) }
```

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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