

Converting Colors

XYZ(56.3133, 60.4794,
103.3134)

Have a look what the booklet for
XYZ(56.3133, 60.4794, 103.3134)
contains.

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Color

**XYZ(56.3318, 60.4387,
103.3046)**

Conversions

Conversions Part 1

Format	Color
Hex	A6D0FF
RGB	166, 208, 255
RGB Percent	65%, 82%, 100%
CMY	0.3490, 0.1843, 0.0000
CMYK	0.35, 0.18, 0.00, 0.00
HSL	212°, 100%, 83%
HSV	212°, 35%, 100%
XYZ	56.3318, 60.4387, 103.3046
YIQ	200.8000, -40.1190, 5.7130

Conversions

Conversions Part 2

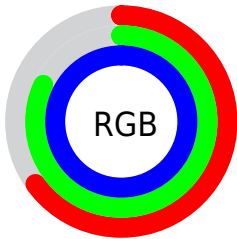
Format	Color
RYB	166, 195, 255
Decimal	10932479
CIELab	82.08, -2.75, -27.43
CIELCh	82, 27.565, 264.277
Yxy	60.4387, 0.2560, 0.2746
Android (android.graphics.Color)	4289122559 (0xFFA6D0FF)
YUV	200.8000, 26.7206, -30.5196
Hunter-Lab	77.7423, -6.7087, -24.3654

Details

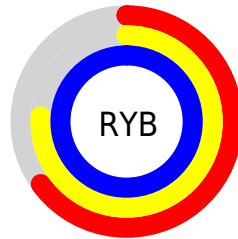
The XYZ color **56.3318, 60.4387, 103.3046** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.9178, 71.6022, 46.1086**, and the grayscale version is **55.2527, 58.1301, 63.3037**.

A 20% lighter version of the original color is **84.2414, 94.4280, 108.3942**, and **28.3042, 30.5679, 57.8345** is the 20% darker color. If you saturate the color by 10%, you get **48.3621, 51.6627, 102.0307**, and if you desaturate by 10%, it is **65.6435, 70.3231, 104.7217**.

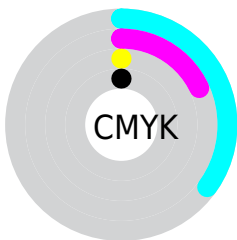
Distribution



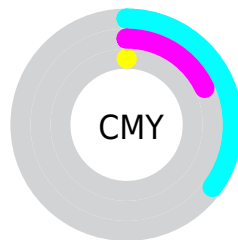
- Red (65%)
- Green (82%)
- Blue (100%)



- Red (65%)
- Yellow (76%)
- Blue (100%)



- Cyan (35%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3318, 60.4387, 103.3046 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 56.3318, 60.4387, 103.3046 by changing the saturation by 10% instead.

■ 56.3318, 60.4387,
103.3046

■ 56.3318, 60.4387,
103.3046

400.9955,
426.2129, 592.0733

■ 40.7071, 43.7723,
78.4310

■ 98.6265, 105.4658,
167.7824

■ 28.2769, 30.4916,
57.9095

■ 126.0272,
134.5953, 208.2238

■ 18.6760, 20.2120,
41.3217

158.0840,
168.6480, 254.6914

■ 11.5390, 12.5492,
28.2490

195.1621,
208.0083, 307.6039

■ 6.5006, 7.1189,
18.2727

237.6269,
253.0605, 367.3798

■ 3.1953, 3.5366,
10.9745

285.8439,

■ 1.2579, 1.4179,

304.1891, 434.4376

5.9357

340.1783,
361.7784, 509.1959

■ 0.1513, 0.2298,
2.7379

■ 0.0000, 0.0000,
0.9624

■ 56.3318, 60.4387,
103.3046

■ 56.3318, 60.4387,
103.3046

■ 48.3621, 51.6627,
102.0307

■ 65.6435, 70.3231,
104.7217

■ 41.6593, 43.9421,
100.8937

■ 76.3564, 81.3521,
106.2858

■ 36.1484, 37.2288,
99.8884

■ 88.5322, 93.5685,
108.0021

■ 31.7433, 31.4676,
99.0085

95.0500, 100.0000,
108.9000

■ 28.3449, 26.5955,
98.2472

■ 25.8323, 22.5382,
97.5965

■ 24.8075, 20.7351,
97.3025

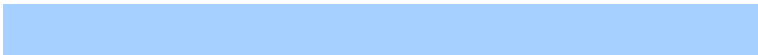
Harmonies

Analogous

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



51.1307, 60.4387, 95.5451



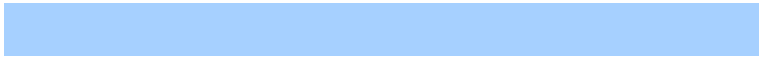
56.3318, 60.4387, 103.3046



62.1903, 60.4387, 99.7196

Triad

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



56.3318, 60.4387, 103.3046



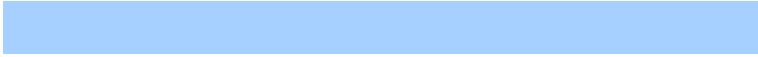
68.3097, 60.4387, 53.4428



48.7967, 60.4387, 48.7486

Complementary

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



56.3318, 60.4387, 103.3046



71.9178, 71.6022, 46.1086

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.



52.9478, 60.4387, 40.6142



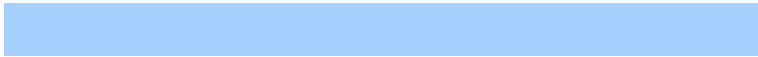
56.3318, 60.4387, 103.3046



64.2593, 60.4387, 42.9853

Square

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



56.3318, 60.4387, 103.3046



69.3675, 60.4387, 69.0694



58.5731, 60.4387, 38.6985



46.9737, 60.4387, 62.6499

Rectangle

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



56.3318, 60.4387, 103.3046



65.6527, 60.4387, 91.6435



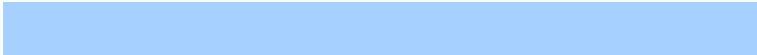
58.5731, 60.4387, 38.6985



49.9519, 60.4387, 45.3501

Sweetspot

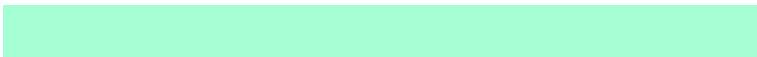
The Sweet Spot groups the original color and five complimentary colors.



56.3335, 60.4410, 103.3049



82.1365, 87.1876, 107.1076



63.3686, 84.3802, 75.2248



17.2180, 18.2972, 22.8742



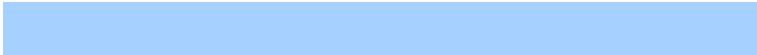
0.0000, 0.0000, 0.0000



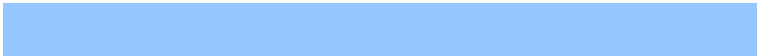
20.3446, 21.4041, 23.3091

Same Dimension

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



56.3335, 60.4410, 103.3049



50.5402, 54.0977, 102.3859



47.7266, 42.7627, 100.3463



17.7099, 18.7915, 22.9437



13.1093, 11.1281, 50.8916



1.3847, 1.3002, 4.9912

Inverse Universe

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



66.2626, 53.0882, 66.4315



62.0585, 46.5062, 59.4002



83.3397, 95.2531, 50.0717



18.3662, 18.1298, 20.5457



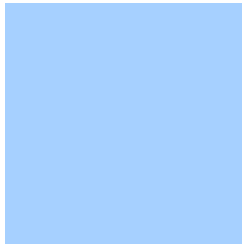
23.4052, 11.8514, 10.7840



2.3336, 1.1758, 1.3380

Previews

White Background



This preview shows how the XYZ color 56.3318, 60.4387, 103.3046 looks on a white background.

Color Contrast Check

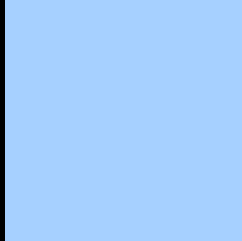
Large Text (above 18pt) WCAG AA × Fail

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 56.3318, 60.4387, 103.3046 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

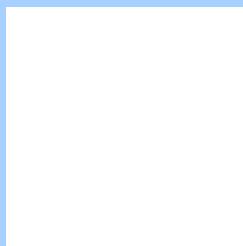
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.3318, 60.4387, 103.3046

Background



This preview shows how black text looks on a background with the XYZ color 56.3318, 60.4387, 103.3046.



This preview shows how white text looks on a background with the XYZ color 56.3318, 60.4387,

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

56.3318, 60.4387, 103.3046

Protanopia

60.1141, 60.3497, 98.9228

Deuteranopia

61.4692, 60.2643, 103.0001



Tritanopia

52.1835, 60.2177, 83.0016

Trichromacy



Original Color

56.3318, 60.4387, 103.3046

Protanomaly

58.6920, 60.2813, 100.6375

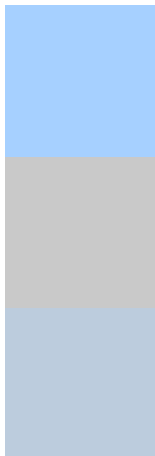
Deuteranomaly

59.4135, 60.2462, 103.1050

Tritanomaly

53.6272, 60.4430, 89.7291

Monochromacy



Original Color

56.3318, 60.4387, 103.3046

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.3830, 59.0976, 76.8946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3318, 60.4387, 103.3046 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(166, 208, 255)` looks like.

```
.text, #text, p{  
    color:rgb(166, 208, 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(166, 208, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 208, 255) }
```

Border

The CSS property to change the border of an element to XYZ 56.3318, 60.4387, 103.3046 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(166, 208, 255) }
```


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

```
.border{ border-color:rgb(166, 208, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 208, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 208, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 208, 255);  
box-shadow:4px 4px 4px 4px rgb(166, 208,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3318, 60.4387, 103.3046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 208, 255) }
```

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

```
.background{ background-color: rgb(166,  
208, 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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