

Converting Colors

XYZ(53.8739, 56.6813,
107.1677)

Have a look what the booklet for
XYZ(53.8739, 56.6813, 107.1677)
contains.

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Color

**XYZ(53.0372, 56.2624,
102.6721)**

Conversions

Conversions Part 1

Format	Color
Hex	9EC9FF
RGB	158, 201, 255
RGB Percent	62%, 79%, 100%
CMY	0.3804, 0.2118, 0.0000
CMYK	0.38, 0.21, 0.00, 0.00
HSL	213°, 100%, 81%
HSV	213°, 38%, 100%
XYZ	53.0372, 56.2624, 102.6721
YIQ	194.2990, -42.9620, 7.6780

Conversions

Conversions Part 2

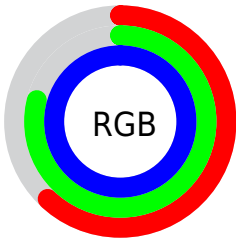
Format	Color
R _Y B	158, 188, 255
Decimal	10406399
CIE Lab	79.76, -1.13, -31.01
CIE LCh	80, 31.035, 267.911
Yxy	56.2624, 0.2502, 0.2654
Android (android.graphics.Color)	4288596479 (0xFF9EC9FF)
YUV	194.2990, 29.9256, -31.8342
Hunter-Lab	75.0083, -5.0498, -28.6510

Details

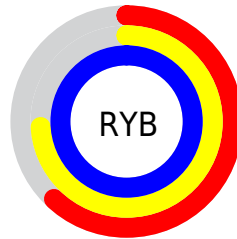
The XYZ color **53.0372, 56.2624, 102.6721** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **70.9556, 70.8161, 42.2788**, and the grayscale version is **51.3032, 53.9750, 58.7787**.

A 20% lighter version of the original color is **81.8343, 93.1871, 108.2815**, and **26.2203, 27.8282, 57.4155** is the 20% darker color. If you saturate the color by 10%, you get **45.3744, 47.6255, 101.4089**, and if you desaturate by 10%, it is **62.0498, 66.0516, 104.0866**.

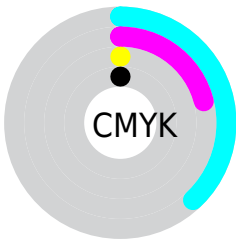
Distribution



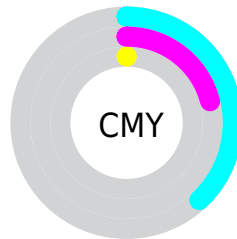
- Red (62%)
- Green (79%)
- Blue (100%)



- Red (62%)
- Yellow (74%)
- Blue (100%)



- Cyan (38%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0372, 56.2624, 102.6721 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 53.0372, 56.2624, 102.6721 by changing the saturation by 10% instead.

■ 53.0372, 56.2624,
102.6721

■ 53.0372, 56.2624,
102.6721

388.6864,
410.6796, 590.0458

■ 38.0601, 40.4133,
77.9047

■ 93.8243, 99.3881,
166.9082

■ 26.2067, 27.8610,
57.4797

■ 120.3650,
127.4336, 207.2141

■ 17.1119, 18.2209,
40.9786

151.4909,
160.3133, 253.5365

■ 10.4101, 11.1087,
27.9828

187.5674,
198.4117, 306.2940

■ 5.7360, 6.1400,
18.0738

228.9598,
242.1131, 365.9051

■ 2.7244, 2.9304,
10.8330

276.0336,

■ 1.0097, 1.0955,

291.8020, 432.7884

5.8419

329.1540,
347.8627, 507.3625

■ 0.0000, 0.0000,
2.6819

■ 0.0000, 0.0000,
0.9343

■ 53.0372, 56.2624,
102.6721

■ 53.0372, 56.2624,
102.6721

■ 45.3744, 47.6255,
101.4089

■ 62.0498, 66.0516,
104.0866

■ 38.9833, 40.0848,
100.2902

■ 72.4744, 77.0332,
105.6568

■ 33.7848, 33.5879,
99.3102

■ 84.3750, 89.2530,
107.3882

■ 29.6879, 28.0745,
98.4619

95.0500, 100.0000,
108.9000

■ 26.5863, 23.4758,
97.7378

■ 24.3385, 19.7040,
97.1282

■ 23.9601, 19.0401,
97.0200

Harmonies

Analogous

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



47.3205, 56.2624, 95.4350



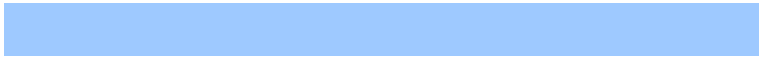
53.0372, 56.2624, 102.6721



59.3229, 56.2624, 97.1374

Triad

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



53.0372, 56.2624, 102.6721



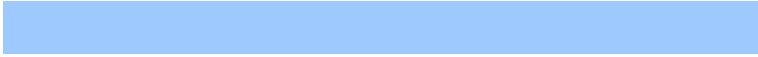
64.8584, 56.2624, 46.4711



43.8938, 56.2624, 44.6803

Complementary

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



53.0372, 56.2624, 102.6721



70.9556, 70.8161, 42.2788

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.



48.0260, 56.2624, 35.5238



53.0372, 56.2624, 102.6721



60.1428, 56.2624, 36.4067

Square

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



53.0372, 56.2624, 102.6721



66.4580, 56.2624, 62.5282



53.9167, 56.2624, 32.8173



42.3048, 56.2624, 60.0095

Rectangle

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



53.0372, 56.2624, 102.6721



62.9356, 56.2624, 87.4546



53.9167, 56.2624, 32.8173



45.0147, 56.2624, 40.9003

Sweetspot

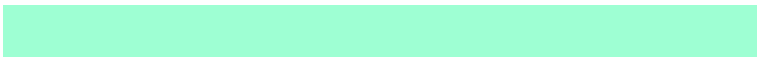
The Sweet Spot groups the original color and five complimentary colors.



53.0389, 56.2645, 102.6724



80.6921, 85.5014, 106.8582



61.6634, 83.5104, 74.7287



16.9202, 17.9413, 22.8212



0.0000, 0.0000, 0.0000



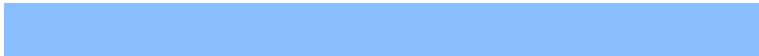
20.3446, 21.4041, 23.3091

Same Dimension

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



53.0389, 56.2645, 102.6724



46.8303, 49.2950, 101.6544



45.3520, 39.4463, 99.8313



17.6658, 18.7032, 22.9289



12.6630, 10.2355, 50.7428



1.3398, 1.2103, 4.9763

Inverse Universe

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



64.0106, 49.9324, 61.5247



59.5470, 43.0556, 53.7158



81.4101, 94.3405, 46.2685



18.3440, 18.1209, 20.4284



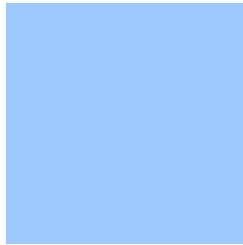
23.1799, 11.7612, 9.5977



2.3109, 1.1667, 1.2185

Previews

White Background



This preview shows how the XYZ color 53.0372, 56.2624, 102.6721 looks on a white background.

Color Contrast Check

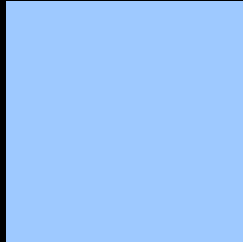
Large Text (above 18pt) WCAG AA × Fail

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 53.0372, 56.2624, 102.6721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

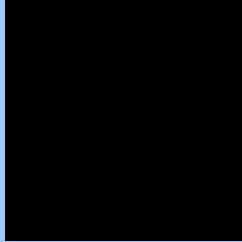
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

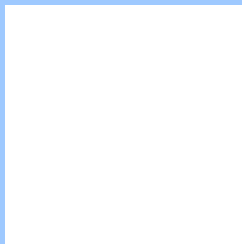
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.0372, 56.2624, 102.6721

Background



This preview shows how black text looks on a background with the XYZ color 53.0372, 56.2624, 102.6721.



This preview shows how white text looks on a background with the XYZ color 53.0372, 56.2624,

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

53.0372, 56.2624, 102.6721

Protanopia

56.4561, 56.0625, 99.1124

Deuteranopia

57.3494, 56.1179, 102.4169



Tritanopia

48.2098, 56.4374, 78.1646

Trichromacy



Original Color

53.0372, 56.2624, 102.6721

Protanomaly

54.9925, 55.9595, 99.9983

Deuteranomaly

55.6954, 56.2665, 102.5328

Tritanomaly

49.9636, 56.4331, 86.8566

Monochromacy



Original Color

53.0372, 56.2624, 102.6721

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.4170, 54.7141, 72.8167

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0372, 56.2624, 102.6721 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(158, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(158, 201, 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(158, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 201, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.0372, 56.2624, 102.6721 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(158, 201, 255) }
```


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

```
.border{ border-color:rgb(158, 201, 255) }
```

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

Here you see how a box with a 4 pixel rgb(158, 201, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(158, 201,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0372, 56.2624, 102.6721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 201, 255) }
```

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

```
.background{ background-color: rgb(158,  
201, 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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