

Converting Colors

XYZ(53.5721, 56.8787,
102.7629)

Have a look what the booklet for
XYZ(53.5721, 56.8787, 102.7629)
contains.

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Color

**XYZ(53.6677, 56.9346,
102.7686)**

Conversions

Conversions Part 1

Format	Color
Hex	A0CAFF
RGB	160, 202, 255
RGB Percent	63%, 79%, 100%
CMY	0.3725, 0.2078, 0.0000
CMYK	0.37, 0.21, 0.00, 0.00
HSL	213°, 100%, 81%
HSV	213°, 37%, 100%
XYZ	53.6677, 56.9346, 102.7686
YIQ	195.4840, -42.0450, 7.5790

Conversions

Conversions Part 2

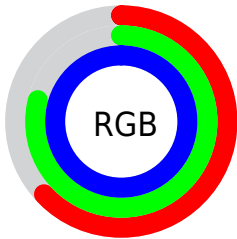
Format	Color
R _Y B	160, 189, 255
Decimal	10537727
CIE Lab	80.14, -1.14, -30.42
CIE LCh	80, 30.442, 267.846
Yxy	56.9346, 0.2515, 0.2668
Android (android.graphics.Color)	4288727807 (0xFFA0CAFF)
YUV	195.4840, 29.3414, -31.1195
Hunter-Lab	75.4550, -5.0874, -27.9336

Details

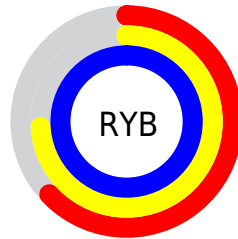
The XYZ color **53.6677, 56.9346, 102.7686** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.3799, 71.3870, 43.2765**, and the grayscale version is **52.0102, 54.7187, 59.5887**.

A 20% lighter version of the original color is **82.4253, 93.4917, 108.3092**, and **26.6086, 28.2603, 57.4784** is the 20% darker color. If you saturate the color by 10%, you get **45.8978, 48.2013, 101.4925**, and if you desaturate by 10%, it is **62.7941, 66.8265, 104.1969**.

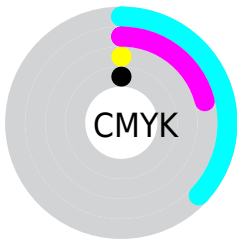
Distribution



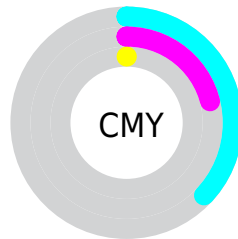
- Red (63%)
- Green (79%)
- Blue (100%)



- Red (63%)
- Yellow (74%)
- Blue (100%)



- Cyan (37%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (37%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6677, 56.9346, 102.7686 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 53.6677, 56.9346, 102.7686 by changing the saturation by 10% instead.

■ 53.6677, 56.9346,
102.7686

■ 53.6677, 56.9346,
102.7686

391.0606,
413.2042, 590.3554

■ 38.5657, 40.9527,
77.9850

■ 94.7459, 100.3698,
167.0417

■ 26.6012, 28.2822,
57.5453

■ 121.4528,
128.5918, 207.3682

■ 17.4090, 18.5385,
41.0309

152.7587,
161.6628, 253.7128

■ 10.6236, 11.3373,
28.0234

189.0290,
199.9670, 306.4939

■ 5.8798, 6.2942,
18.1041

230.6289,
243.8888, 366.1302

■ 2.8121, 3.0248,
10.8545

277.9240,

■ 1.0552, 1.1447,

293.8127, 433.0402

5.8562

331.2794,
350.1230, 507.6424

■ 0.0000, 0.0158,
2.6904

■ 0.0000, 0.0000,
0.9386

■ 53.6677, 56.9346,
102.7686

■ 53.6677, 56.9346,
102.7686

■ 45.8978, 48.2013,
101.4925

■ 62.7941, 66.8265,
104.1969

■ 39.4067, 40.5706,
100.3617

■ 73.3389, 77.9170,
105.7818

■ 34.1161, 33.9904,
99.3704

■ 85.3658, 90.2515,
107.5288

■ 29.9358, 28.4009,
98.5119

■ 95.0500, 100.0000,
108.9000

■ 26.7608, 23.7339,
97.7784

■ 24.4580, 19.9058,
97.1609

■ 23.9262, 18.9723,
97.0087

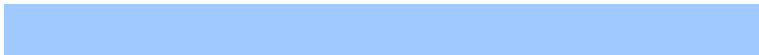
Harmonies

Analogous

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



48.0128, 56.9346, 95.6365



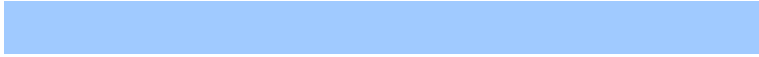
53.6677, 56.9346, 102.7686



59.8784, 56.9346, 97.3604

Triad

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



53.6677, 56.9346, 102.7686



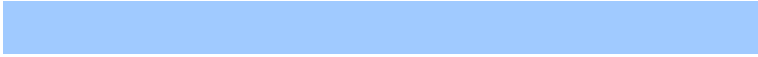
65.3590, 56.9346, 47.3681



44.6330, 56.9346, 45.5342

Complementary

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



53.6677, 56.9346, 102.7686



71.3799, 71.3870, 43.2765

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.



48.7331, 56.9346, 36.4313



53.6677, 56.9346, 102.7686



60.7127, 56.9346, 37.3393

Square

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



53.6677, 56.9346, 102.7686



66.9280, 56.9346, 63.2845



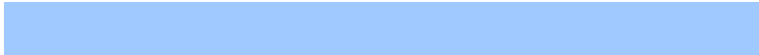
54.5640, 56.9346, 33.7425



43.0508, 56.9346, 60.7174

Rectangle

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



53.6677, 56.9346, 102.7686



63.4459, 56.9346, 87.8547



54.5640, 56.9346, 33.7425



45.7463, 56.9346, 41.7796

Sweetspot

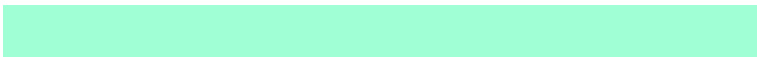
The Sweet Spot groups the original color and five complimentary colors.



53.6694, 56.9367, 102.7689



80.6823, 85.4817, 106.8550



62.1735, 83.7602, 75.3445



16.9178, 17.9366, 22.8204



0.0000, 0.0000, 0.0000



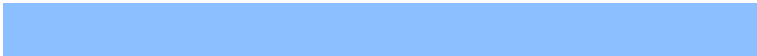
20.3446, 21.4041, 23.3091

Same Dimension

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



53.6694, 56.9367, 102.7689



47.5345, 50.0714, 101.7672



46.0874, 40.3360, 99.9643



17.6640, 18.6995, 22.9283



12.6451, 10.1998, 50.7369



1.3380, 1.2066, 4.9757

Inverse Universe

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



64.4726, 50.6675, 62.2610



60.0568, 43.8502, 54.5790



81.6196, 94.4285, 47.1843



18.3430, 18.1205, 20.4235



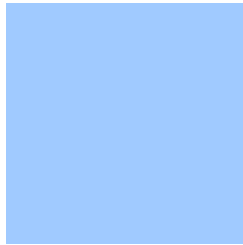
23.1709, 11.7576, 9.5502



2.3100, 1.1664, 1.2136

Previews

White Background



This preview shows how the XYZ color 53.6677, 56.9346, 102.7686 looks on a white background.

Color Contrast Check

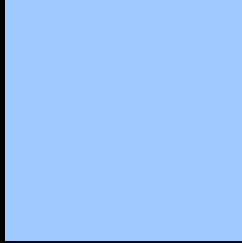
Large Text (above 18pt) WCAG AA × Fail

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 53.6677, 56.9346, 102.7686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

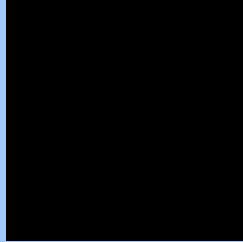
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

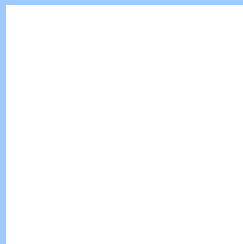
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.6677, 56.9346, 102.7686

Background



This preview shows how black text looks on a background with the XYZ color 53.6677, 56.9346, 102.7686.



This preview shows how white text looks on a background with the XYZ color 53.6677, 56.9346,

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

53.6677, 56.9346, 102.7686

Protanopia

57.1601, 56.7592, 99.2097

Deuteranopia

58.0586, 56.8150, 102.5141



Tritanopia

48.7163, 56.6829, 78.8943

Trichromacy



Original Color

53.6677, 56.9346, 102.7686

Protanomaly

55.6693, 56.6465, 100.0953

Deuteranomaly

56.3755, 56.9553, 102.6299

Tritanomaly

50.3443, 56.6294, 86.8744

Monochromacy



Original Color

53.6677, 56.9346, 102.7686

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.0099, 55.3430, 73.5867

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6677, 56.9346, 102.7686 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(160, 202, 255)` looks like.

```
.text, #text, p{  
    color:rgb(160, 202, 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(160, 202, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 202, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.6677, 56.9346, 102.7686 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(160, 202, 255) }
```


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

```
.border{ border-color:rgb(160, 202, 255) }
```

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

Here you see how a box with a 4 pixel rgb(160, 202, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 202, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 202, 255);  
box-shadow:4px 4px 4px 4px rgb(160, 202,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6677, 56.9346, 102.7686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 202, 255) }
```

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

```
.background{ background-color: rgb(160,  
202, 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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