

Converting Colors

XYZ(53.5703, 56.1477,
104.5455)

Have a look what the booklet for
XYZ(53.5703, 56.1477, 104.5455)
contains.

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Color

**XYZ(53.2015, 56.0021,
102.6132)**

Conversions

Conversions Part 1

Format	Color
Hex	A0C8FF
RGB	160, 200, 255
RGB Percent	63%, 78%, 100%
CMY	0.3725, 0.2157, 0.0000
CMYK	0.37, 0.22, 0.00, 0.00
HSL	215°, 100%, 81%
HSV	215°, 37%, 100%
XYZ	53.2015, 56.0021, 102.6132
YIQ	194.3100, -41.4950, 8.6250

Conversions

Conversions Part 2

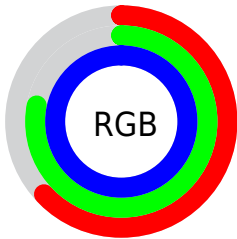
Format	Color
R _Y B	160, 188, 255
Decimal	10537215
CIE Lab	79.62, -0.07, -31.23
CIE LCh	80, 31.232, 269.873
Yxy	56.0021, 0.2512, 0.2644
Android (android.graphics.Color)	4288727295 (0xFFA0C8FF)
YUV	194.3100, 29.9202, -30.0899
Hunter-Lab	74.8346, -4.0610, -28.9143

Details

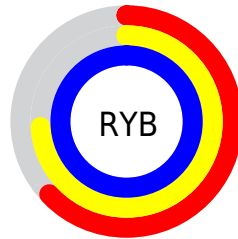
The XYZ color **53.2015, 56.0021, 102.6132** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.8863, 72.3996, 43.4455**, and the grayscale version is **51.3091, 53.9812, 58.7855**.

A 20% lighter version of the original color is **82.4253, 93.4917, 108.3092**, and **26.2976, 27.6382, 57.3748** is the 20% darker color. If you saturate the color by 10%, you get **45.3614, 47.1285, 101.3137**, and if you desaturate by 10%, it is **62.4205, 66.0791, 104.0724**.

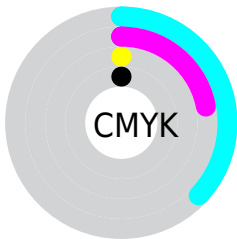
Distribution



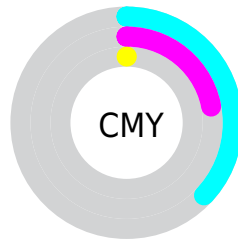
- Red (63%)
- Green (78%)
- Blue (100%)



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



- Cyan (37%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (37%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.2015, 56.0021, 102.6132 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 53.2015, 56.0021, 102.6132 by changing the saturation by 10% instead.

■ 53.2015, 56.0021,
102.6132

■ 53.2015, 56.0021,
102.6132

389.3059,
409.6994, 589.8568

■ 38.1918, 40.2046,
77.8557

■ 94.0646, 99.0076,
166.8268

■ 26.3095, 27.6981,
57.4397

■ 120.6487,
126.9845, 207.1200

■ 17.1892, 18.0982,
40.9467

151.8216,
159.7899, 253.4289

■ 10.4656, 11.0205,
27.9580

187.9487,
197.8083, 306.1719

■ 5.7734, 6.0806,
18.0553

229.3953,
241.4240, 365.7677

■ 2.7471, 2.8942,
10.8198

276.5268,

■ 1.0215, 1.0767,

291.0216, 432.6347

5.8332

329.7086,
346.9852, 507.1916

■ 0.0000, 0.0000,
2.6768

■ 0.0000, 0.0000,
0.9317

■ 53.2015, 56.0021,
102.6132

■ 53.2015, 56.0021,
102.6132

■ 45.3614, 47.1285,
101.3137

■ 62.4205, 66.0791,
104.0724

■ 38.8216, 39.4003,
100.1666

■ 73.0812, 77.4015,
105.6959

■ 33.5026, 32.7633,
99.1659

■ 85.2485, 90.0167,
107.4896

■ 29.3129, 27.1552,
98.3043

95.0500, 100.0000,
108.9000

■ 26.1465, 22.5052,
97.5736

■ 23.8687, 18.7272,
96.9644

■ 23.3464, 17.8129,
96.8155

Harmonies

Analogous

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



47.3827, 56.0021, 96.1314



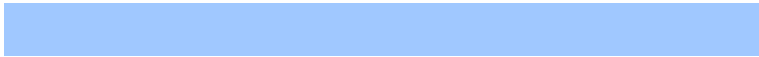
53.2015, 56.0021, 102.6132



59.4859, 56.0021, 96.2355

Triad

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



53.2015, 56.0021, 102.6132



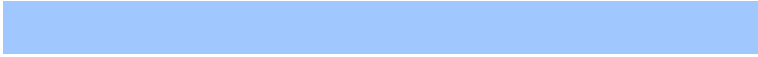
64.4261, 56.0021, 45.2928



43.4330, 56.0021, 45.1838

Complementary

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



53.2015, 56.0021, 102.6132



71.8863, 72.3996, 43.4455

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.



47.4257, 56.0021, 35.5917



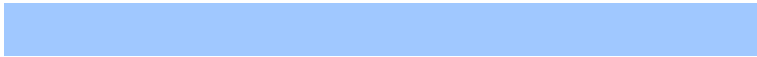
53.2015, 56.0021, 102.6132



59.5360, 56.0021, 35.6454

Square

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



53.2015, 56.0021, 102.6132



66.2694, 56.0021, 61.0536



53.2551, 56.0021, 32.4716



42.0212, 56.0021, 60.9000

Rectangle

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



53.2015, 56.0021, 102.6132



63.0274, 56.0021, 86.1503



53.2551, 56.0021, 32.4716



44.5015, 56.0021, 41.2575

Sweetspot

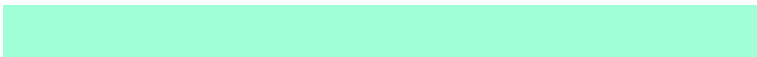
The Sweet Spot groups the original color and five complimentary colors.



53.2032, 56.0042, 102.6135



80.5093, 85.1358, 106.7973



62.3747, 83.8407, 76.4035



16.8767, 17.8543, 22.8067



0.0000, 0.0000, 0.0000



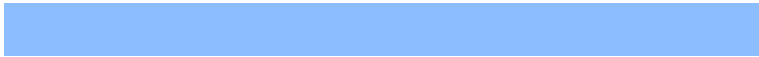
20.3446, 21.4041, 23.3091

Same Dimension

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



53.2032, 56.0042, 102.6135



47.0119, 49.0263, 101.5930



46.4183, 40.5067, 99.9798



17.6316, 18.6348, 22.9175



12.3390, 9.5876, 50.6348



1.3066, 1.1440, 4.9652

Inverse Universe

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



64.2373, 50.5734, 61.0216



59.7930, 43.7447, 53.1901



81.0539, 94.1368, 47.1580



18.3267, 18.1140, 20.3375



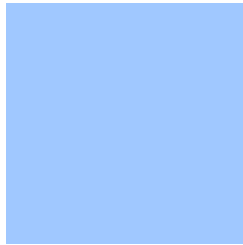
23.0163, 11.6958, 8.7365



2.2941, 1.1600, 1.1304

Previews

White Background



This preview shows how the XYZ color 53.2015, 56.0021, 102.6132 looks on a white background.

Color Contrast Check

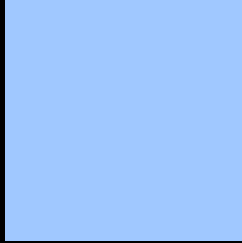
Large Text (above 18pt) WCAG AA × Fail

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 53.2015, 56.0021, 102.6132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

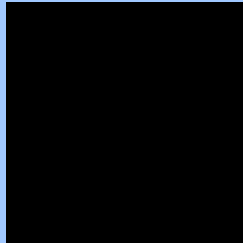
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

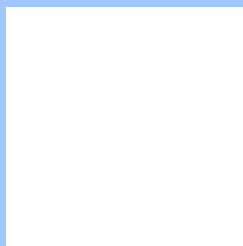
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.2015, 56.0021, 102.6132

Background



This preview shows how black text looks on a background with the XYZ color 53.2015, 56.0021, 102.6132.



This preview shows how white text looks on a background with the XYZ color 53.2015, 56.0021,

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

53.2015, 56.0021, 102.6132

Protanopia

56.2191, 55.9403, 99.1013

Deuteranopia

57.1090, 55.9939, 102.4057



Tritanopia

48.2050, 56.0919, 77.3934

Trichromacy



Original Color

53.2015, 56.0021, 102.6132

Protanomaly

54.9925, 55.9595, 99.9983

Deuteranomaly

55.4691, 55.8138, 102.4573

Tritanomaly

49.9617, 56.0948, 86.0360

Monochromacy



Original Color

53.2015, 56.0021, 102.6132

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.4260, 54.3828, 72.7522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2015, 56.0021, 102.6132 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, 200, 255)` looks like.

```
.text, #text, p{  
    color:rgb(160, 200, 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, 200, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 200, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.2015, 56.0021, 102.6132 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, 200, 255) }
```


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

```
.border{ border-color:rgb(160, 200, 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, 200, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 200, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 200, 255);  
box-shadow:4px 4px 4px 4px rgb(160, 200,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2015, 56.0021, 102.6132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 200, 255) }
```

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

```
.background{ background-color: rgb(160,  
200, 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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