

Converting Colors

XYZ(55.9286, 56.6981,
103.1320)

Have a look what the booklet for
XYZ(55.9286, 56.6981, 103.1320)
contains.

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Color

**XYZ(55.9233, 56.7221,
102.6087)**

Conversions

Conversions Part 1

Format	Color
Hex	AFC6FF
RGB	175, 198, 255
RGB Percent	69%, 78%, 100%
CMY	0.3137, 0.2235, 0.0000
CMYK	0.31, 0.22, 0.00, 0.00
HSL	223°, 100%, 84%
HSV	223°, 31%, 100%
XYZ	55.9233, 56.7221, 102.6087
YIQ	197.6210, -32.0050, 12.8510

Conversions

Conversions Part 2

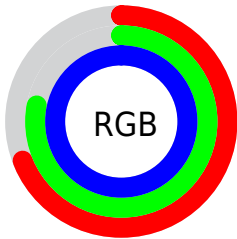
Format	Color
R_{YB}	175, 193, 255
Decimal	11519743
CIE Lab	80.02, 5.08, -30.53
CIE LCh	80, 30.945, 279.453
Yxy	56.7221, 0.2598, 0.2635
Android (android.graphics.Color)	4289709823 (0xFFAFC6FF)
YUV	197.6210, 28.2878, -19.8386
Hunter-Lab	75.3141, 0.7428, -28.0575

Details

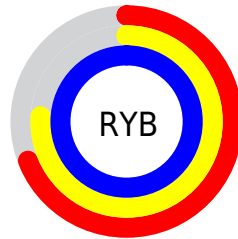
The XYZ color **55.9233, 56.7221, 102.6087** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.8349, 82.0686, 52.2979**, and the grayscale version is **53.2959, 56.0714, 61.0617**.

A 20% lighter version of the original color is **87.0887, 95.8958, 108.5274**, and **27.9120, 28.0168, 57.3627** is the 20% darker color. If you saturate the color by 10%, you get **46.8246, 46.2331, 101.0637**, and if you desaturate by 10%, it is **66.6042, 68.7688, 104.3710**.

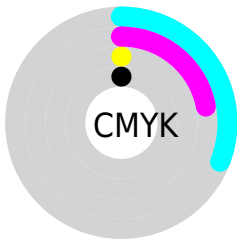
Distribution



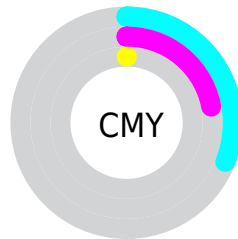
- Red (69%)
- Green (78%)
- Blue (100%)



- Red (69%)
- Yellow (76%)
- Blue (100%)



- Cyan (31%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9233, 56.7221, 102.6087 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 55.9233, 56.7221, 102.6087 by changing the saturation by 10% instead.

■ 55.9233, 56.7221,
102.6087

■ 55.9233, 56.7221,
102.6087

399.4821,
412.4072, 589.8424

■ 40.3782, 40.7822,
77.8520

■ 98.0329, 100.0596,
166.8206

■ 28.0191, 28.1489,
57.4367

125.3281,
128.2259, 207.1128

■ 18.4806, 18.4379,
40.9442

157.2707,
161.2365, 253.4206

■ 11.3973, 11.2649,
27.9561

194.2260,
199.4758, 306.1626

■ 6.4040, 6.2453,
18.0538

236.5595,
243.3281, 365.7572

■ 3.1352, 2.9948,
10.8188

284.6364,

■ 1.2257, 1.1290,

293.1778, 432.6230

5.8325

338.8222,
349.4094, 507.1785

■ 0.1265, 0.0025,
2.6764

■ 0.0000, 0.0000,
0.9315

■ 55.9233, 56.7221,
102.6087

■ 55.9233, 56.7221,
102.6087

■ 46.8246, 46.2331,
101.0637

■ 66.6042, 68.7688,
104.3710

■ 39.2244, 37.2288,
99.7263

■ 78.9351, 82.4291,
106.3578

■ 33.0390, 29.6397,
98.5874

■ 92.9859, 97.7639,
108.5772

■ 28.1734, 23.3875,
97.6371

■ 95.0500, 100.0000,
108.9000

■ 24.5202, 18.3855,
96.8641

■ 21.9528, 14.5342,
96.2561

■ 20.4533, 12.0266,
95.8511

Harmonies

Analogous

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



49.7789, 56.7221, 100.1972



55.9233, 56.7221, 102.6087



61.9678, 56.7221, 92.5470

Triad

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



55.9233, 56.7221, 102.6087



63.7993, 56.7221, 42.2640



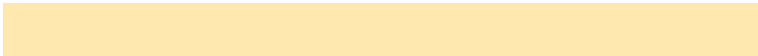
43.3635, 56.7221, 50.3858

Complementary

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



55.9233, 56.7221, 102.6087



77.8349, 82.0686, 52.2979

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.



46.5877, 56.7221, 38.6934



55.9233, 56.7221, 102.6087



58.2691, 56.7221, 34.6762

Square

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



55.9233, 56.7221, 102.6087



66.7424, 56.7221, 56.2454



51.9508, 56.7221, 33.5103



42.8423, 56.7221, 67.6253

Rectangle

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



55.9233, 56.7221, 102.6087



65.0120, 56.7221, 81.0874



51.9508, 56.7221, 33.5103



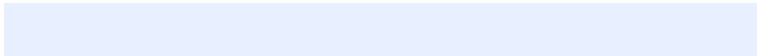
44.1545, 56.7221, 45.7783

Sweetspot

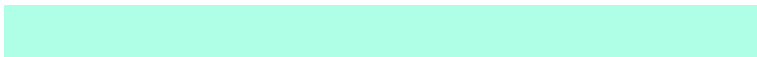
The Sweet Spot groups the original color and five complimentary colors.



55.9250, 56.7242, 102.6091



82.1086, 85.9115, 106.8627



67.8640, 86.4040, 88.7030



17.1553, 17.9288, 22.8064



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.



55.9250, 56.7242, 102.6091



49.7207, 49.6002, 101.5610



54.8673, 48.9582, 101.1658



17.4283, 18.2283, 22.8498



10.7971, 6.5037, 50.1209



1.1400, 0.8107, 4.9097

Inverse Universe

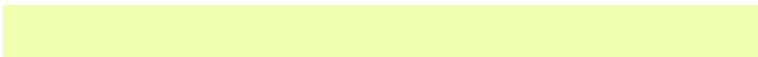
The Inverse Universe completely reimagines the original color for something new.



66.7642, 55.9988, 60.7183



62.3426, 49.2913, 52.6604



79.0951, 92.9662, 54.3349



18.2241, 18.0730, 19.7973



22.2381, 11.3845, 4.6381



2.2100, 1.1264, 0.6874

Previews

White Background



This preview shows how the XYZ color 55.9233, 56.7221, 102.6087 looks on a white background.

Color Contrast Check

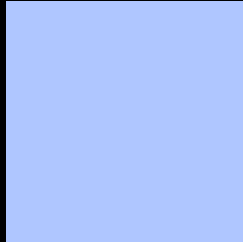
Large Text (above 18pt) WCAG AA × Fail

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 55.9233, 56.7221, 102.6087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

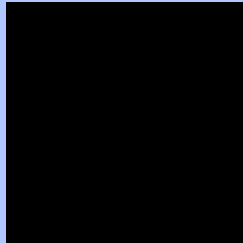
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.9233, 56.7221, 102.6087

Background



This preview shows how black text looks on a background with the XYZ color 55.9233, 56.7221, 102.6087.



This preview shows how white text looks on a background with the XYZ color 55.9233, 56.7221,

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

55.9233, 56.7221, 102.6087

Protanopia

56.9980, 56.6390, 100.8568

Deuteranopia

58.0586, 56.8150, 102.5141



Tritanopia

50.5804, 56.6217, 76.6698

Trichromacy



Original Color

55.9233, 56.7221, 102.6087

Protanomaly

56.6780, 56.7916, 101.7405

Deuteranomaly

57.3184, 56.7671, 102.5439

Tritanomaly

52.4061, 56.6703, 85.2672

Monochromacy



Original Color

55.9233, 56.7221, 102.6087

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.2155, 56.4498, 75.0563

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9233, 56.7221, 102.6087 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(175, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(175, 198, 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(175, 198, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 198, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.9233, 56.7221, 102.6087 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(175, 198, 255) }
```


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

```
.border{ border-color:rgb(175, 198, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 198, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 198, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 198, 255); box-shadow:4px 4px 4px 4px rgb(175, 198, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9233, 56.7221, 102.6087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 198, 255) }
```

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

```
.background{ background-color: rgb(175,  
198, 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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