

Converting Colors

XYZ(66.9096, 59.1518,
171.9809)

Have a look what the booklet for
XYZ(66.9096, 59.1518, 171.9809)
contains.

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Color

**XYZ(53.6975, 53.9060,
102.1825)**

Conversions

Conversions Part 1

Format	Color
Hex	AAC1FF
RGB	170, 193, 255
RGB Percent	67%, 76%, 100%
CMY	0.3333, 0.2431, 0.0000
CMYK	0.33, 0.24, 0.00, 0.00
HSL	224°, 100%, 83%
HSV	224°, 33%, 100%
XYZ	53.6975, 53.9060, 102.1825
YIQ	193.1910, -33.6100, 14.4060

Conversions

Conversions Part 2

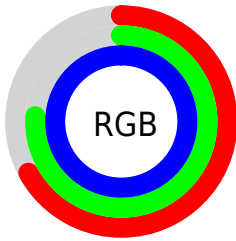
Format	Color
R_{YB}	170, 188, 255
Decimal	11190783
CIE _{Lab}	78.41, 6.41, -33.04
CIE _{LCh}	78, 33.657, 280.988
Yxy	53.9060, 0.2560, 0.2570
Android (android.graphics.Color)	4289380863 (0xFFAAC1FF)
YUV	193.1910, 30.4718, -20.3385
Hunter-Lab	73.4207, 2.0628, -31.1217

Details

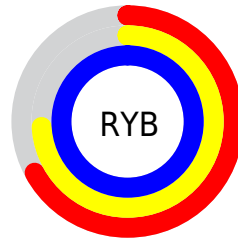
The XYZ color **53.6975, 53.9060, 102.1825** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.3526, 81.8755, 49.7586**, and the grayscale version is **50.6428, 53.2802, 58.0221**.

A 20% lighter version of the original color is **83.6042, 91.3023, 107.8244**, and **26.6414, 26.4782, 57.1327** is the 20% darker color. If you saturate the color by 10%, you get **44.8540, 43.6232, 100.6638**, and if you desaturate by 10%, it is **64.1305, 65.7782, 103.9242**.

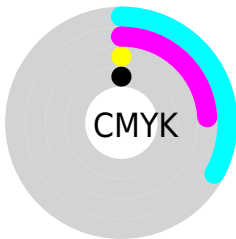
Distribution



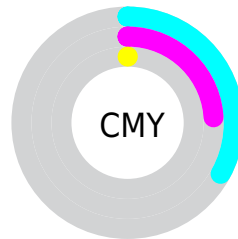
- Red (67%)
- Green (76%)
- Blue (100%)



- Red (67%)
- Yellow (74%)
- Blue (100%)



- Cyan (33%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6975, 53.9060, 102.1825 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 53.6975, 53.9060, 102.1825 by changing the saturation by 10% instead.

■ 53.6975, 53.9060,
102.1825

■ 53.6975, 53.9060,
102.1825

391.1726,
401.7515, 588.4739

■ 38.5896, 38.5265,
77.4975

■ 94.7894, 95.9362,
166.2312

■ 26.6199, 26.3916,
57.1473

121.5042,
123.3557, 206.4319

■ 17.4231, 17.1168,
40.7133

152.8186,
155.5574, 252.6416

■ 10.6337, 10.3178,
27.7771

189.0979,
192.9256, 305.2789

■ 5.8866, 5.6102,
17.9202

230.7077,
235.8447, 364.7622

■ 2.8162, 2.6095,
10.7238

278.0131,

■ 1.0573, 0.9315,

284.6991, 431.5101

5.7696

331.3797,
339.8732, 505.9411

■ 0.0000, 0.0000,
2.6390

■ 0.0000, 0.0000,
0.9125

■ 53.6975, 53.9060,
102.1825

■ 53.6975, 53.9060,
102.1825

■ 44.8540, 43.6232,
100.6638

■ 64.1305, 65.7782,
103.9242

■ 37.5139, 34.8535,
99.3579

■ 76.2232, 79.2994,
105.8967

■ 31.5901, 27.5231,
98.2553

■ 90.0476, 94.5335,
108.1085

■ 26.9841, 21.5489,
97.3449

■ 95.0500, 100.0000,
108.9000

■ 23.5833, 16.8383,
96.6149

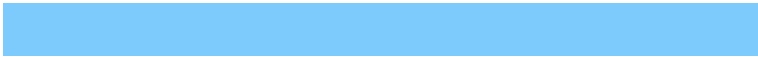
■ 21.2539, 13.2846,
96.0517

■ 20.1783, 11.4767,
95.7594

Harmonies

Analogous

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



47.2050, 53.9060, 100.2858



53.6975, 53.9060, 102.1825



60.0351, 53.9060, 90.6913

Triad

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



53.6975, 53.9060, 102.1825



61.4442, 53.9060, 37.9060



40.1318, 53.9060, 47.6143

Complementary

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



53.6975, 53.9060, 102.1825



77.3526, 81.8755, 49.7586

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.



43.3417, 53.9060, 35.2773



53.6975, 53.9060, 102.1825



55.4902, 53.9060, 30.5622

Square

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



53.6975, 53.9060, 102.1825



64.7569, 53.9060, 52.0249



48.8510, 53.9060, 29.7166



39.7418, 53.9060, 65.9110

Rectangle

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



53.6975, 53.9060, 102.1825



63.1774, 53.9060, 78.1832



48.8510, 53.9060, 29.7166



40.9030, 53.9060, 42.7476

Sweetspot

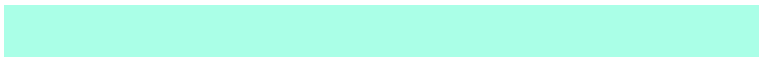
The Sweet Spot groups the original color and five complimentary colors.



53.6991, 53.9080, 102.1828



80.6337, 84.1821, 106.6067



66.7505, 85.8313, 88.5893



16.8557, 17.5726, 22.7534



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.



53.6991, 53.9080, 102.1828



47.6298, 46.8782, 101.1458



53.2679, 46.7155, 100.8172



17.4029, 18.1774, 22.8413



10.6485, 6.2066, 50.0713



1.1227, 0.7760, 4.9039

Inverse Universe

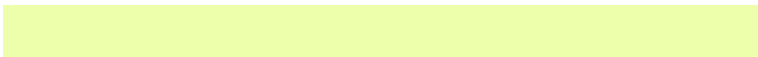
The Inverse Universe completely reimagines the original color for something new.



65.2414, 53.8612, 57.4119



60.9309, 47.3623, 49.4324



77.8024, 92.3554, 51.7577



18.2112, 18.0678, 19.7296



22.1631, 11.3545, 4.2432



2.2013, 1.1229, 0.6414

Previews

White Background



This preview shows how the XYZ color 53.6975, 53.9060, 102.1825 looks on a white background.

Color Contrast Check

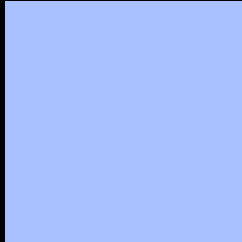
Large Text (above 18pt) WCAG AA × Fail

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 53.6975, 53.9060, 102.1825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

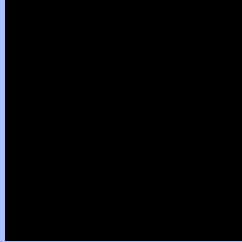
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.6975, 53.9060, 102.1825

Background



This preview shows how black text looks on a background with the XYZ color 53.6975, 53.9060, 102.1825.



This preview shows how white text looks on a background with the XYZ color 53.6975, 53.9060,

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

53.6975, 53.9060, 102.1825

Protanopia

54.6517, 53.7645, 101.2631

Deuteranopia

55.2712, 54.0653, 102.1303



Tritanopia

47.7469, 53.8435, 72.8421

Trichromacy



Original Color

53.6975, 53.9060, 102.1825

Protanomaly

54.1946, 53.8537, 101.3044

Deuteranomaly

54.8041, 54.1494, 102.1711

Tritanomaly

49.5590, 53.5382, 82.5848

Monochromacy



Original Color

53.6975, 53.9060, 102.1825

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.4722, 53.4121, 72.5624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6975, 53.9060, 102.1825 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(170, 193, 255)` looks like.

```
.text, #text, p{  
    color:rgb(170, 193, 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(170, 193, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 193, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.6975, 53.9060, 102.1825 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(170, 193, 255) }
```


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

```
.border{ border-color:rgb(170, 193, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 193, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 193, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 193, 255);  
box-shadow:4px 4px 4px 4px rgb(170, 193,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6975, 53.9060, 102.1825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 193, 255) }
```

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

```
.background{ background-color: rgb(170,  
193, 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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