

Converting Colors

XYZ(52.6836, 56.3677, 90.3079)

Have a look what the booklet for
XYZ(52.6836, 56.3677, 90.3079)
contains.

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Color

**XYZ(52.7633, 56.3894,
90.5414)**

Conversions

Conversions Part 1

Format	Color
Hex	A8C9F0
RGB	168, 201, 240
RGB Percent	66%, 79%, 94%
CMY	0.3412, 0.2117, 0.0588
CMYK	0.30, 0.16, 0.00, 0.06
HSL	212°, 71%, 80%
HSV	212°, 30%, 94%
XYZ	52.7633, 56.3894, 90.5414
YIQ	195.5790, -32.1870, 5.1330

Conversions

Conversions Part 2

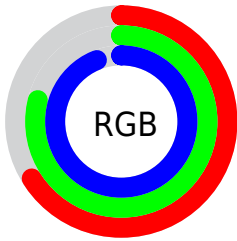
Format	Color
R _Y B	168, 191, 240
Decimal	11061744
CIE Lab	79.83, -2.15, -22.84
CIE LCh	80, 22.941, 264.619
Yxy	56.3894, 0.2642, 0.2824
Android (android.graphics.Color)	4289251824 (0xFFA8C9F0)
YUV	195.5790, 21.8996, -24.1868
Hunter-Lab	75.0929, -5.9912, -18.9225

Details

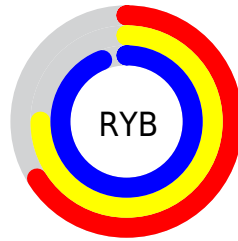
The XYZ color **52.7633, 56.3894, 90.5414** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **65.3168, 65.9788, 46.3401**, and the grayscale version is **52.1057, 54.8193, 59.6982**.

A 20% lighter version of the original color is **84.5505, 94.5873, 108.4086**, and **26.0249, 27.9055, 49.3620** is the 20% darker color. If you saturate the color by 10%, you get **45.2147, 48.1892, 89.3574**, and if you desaturate by 10%, it is **61.5149, 65.5932, 91.8576**.

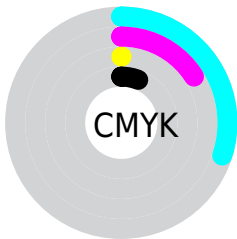
Distribution



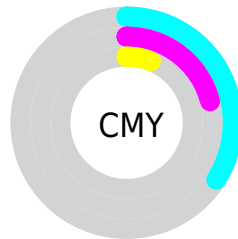
- Red (66%)
- Green (79%)
- Blue (94%)



- Red (66%)
- Yellow (75%)
- Blue (94%)



- Cyan (30%)
- Magenta (16%)
- Yellow (0%)
- Black (6%)



- Cyan (34%)
- Magenta (21%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.7633, 56.3894, 90.5414 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 52.7633, 56.3894, 90.5414 by changing the saturation by 10% instead.

■ 52.7633, 56.3894,
90.5414

■ 52.7633, 56.3894,
90.5414

387.6521,
411.1573, 550.4059

■ 37.8406, 40.5152,
67.8535

■ 93.4236, 99.5737,
150.0323

■ 26.0356, 27.9405,
49.3126

119.8918,
127.6526, 187.6724

■ 16.9831, 18.2808,
34.5002

150.9392,
160.5685, 231.1336

■ 10.3177, 11.1518,
22.9977

186.9312,
198.7059, 280.8345

■ 5.6740, 6.1690,
14.3865

228.2332,
242.4490, 337.1937

■ 2.6866, 2.9481,
8.2482

275.2104,

■ 0.9903, 1.1047,

292.1824, 400.6296

4.1641

328.2282,
348.2904, 471.5608

■ 0.0000, 0.0000,
1.7158

■ 0.0000, 0.0000,
0.3715

■ 52.7633, 56.3894,
90.5414

■ 52.7633, 56.3894,
90.5414

■ 45.2147, 48.1892,
89.3574

■ 61.5149, 65.5932,
91.8576

■ 38.8054, 40.9464,
88.2972

■ 71.5183, 75.8307,
93.3064

■ 33.4738, 34.6207,
87.3573

■ 82.8257, 87.1390,
94.8932

■ 29.1494, 29.1658,
86.5323

■ 92.0943, 97.8033,
96.4631

■ 25.7524, 24.5298,
85.8165

■ 92.7284, 99.0713,
96.6744

■ 23.1888, 20.6530,
85.2033

■ 21.3050, 17.4447,
84.6833

■ 21.3049, 17.4443,
84.6833

Harmonies

Analogous

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



48.5905, 56.3894, 84.6987



52.7633, 56.3894, 90.5414



57.4030, 56.3894, 87.7058

Triad

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



52.7633, 56.3894, 90.5414



62.1312, 56.3894, 51.3493



46.6406, 56.3894, 47.7492

Complementary

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



52.7633, 56.3894, 90.5414



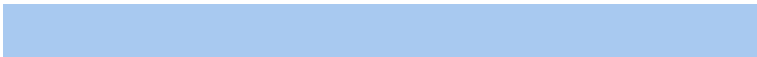
65.3168, 65.9788, 46.3401

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.



49.9619, 56.3894, 40.9602



52.7633, 56.3894, 90.5414



58.9349, 56.3894, 42.8189

Square

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



52.7633, 56.3894, 90.5414



62.9874, 56.3894, 63.8283



54.4383, 56.3894, 39.2945



45.1886, 56.3894, 59.0311

Rectangle

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



52.7633, 56.3894, 90.5414



60.1163, 56.3894, 81.4603



54.4383, 56.3894, 39.2945



47.5658, 56.3894, 44.9347

Sweetspot

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



52.7651, 56.3916, 90.5427



83.2668, 88.2278, 107.2488



58.4992, 75.1219, 70.0658



17.4396, 18.4974, 22.9011



0.0000, 0.0000, 0.0000



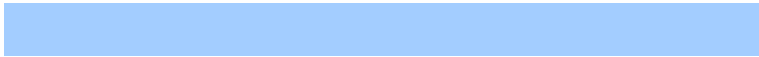
20.3446, 21.4041, 23.3091

Same Dimension

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



52.7651, 56.3916, 90.5427



55.0928, 58.8228, 103.0580



46.3965, 42.8890, 88.2721



15.4942, 16.4225, 20.0748



11.7921, 9.8085, 46.3996



1.0793, 1.0127, 3.8928

Inverse Universe

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



60.4819, 50.7492, 61.8685



65.4256, 51.9466, 64.5113



73.3548, 83.2564, 49.2513



16.0741, 15.8794, 17.9466



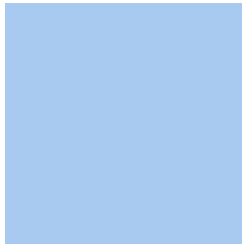
21.2777, 10.7835, 9.3790



1.8197, 0.9169, 1.0417

Previews

White Background



This preview shows how the XYZ color 52.7633, 56.3894, 90.5414 looks on a white background.

Color Contrast Check

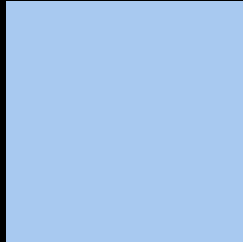
Large Text (above 18pt) WCAG AA × Fail

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 52.7633, 56.3894, 90.5414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

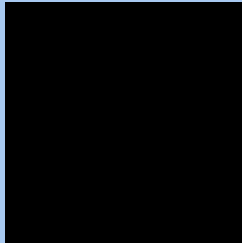
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

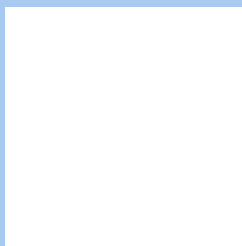
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.7633, 56.3894, 90.5414

Background



This preview shows how black text looks on a background with the XYZ color 52.7633, 56.3894, 90.5414.



This preview shows how white text looks on a background with the XYZ color 52.7633, 56.3894,

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

52.7633, 56.3894, 90.5414

Protanopia

55.8665, 56.3548, 87.2900

Deuteranopia

57.3451, 56.0201, 91.7949



Tritanopia

49.9539, 56.2987, 76.6405

Trichromacy



Original Color

52.7633, 56.3894, 90.5414

Protanomaly

54.5362, 56.3263, 88.1185

Deuteranomaly

55.6247, 56.1450, 91.1244

Tritanomaly

50.8766, 56.3126, 81.5867

Monochromacy



Original Color

52.7633, 56.3894, 90.5414

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.3274, 55.5807, 70.2576

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7633, 56.3894, 90.5414 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(168, 201, 240)` looks like.

```
.text, #text, p{  
    color:rgb(168, 201, 240)  
}
```

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(168, 201, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 201, 240) }
```

Border

The CSS property to change the border of an element to XYZ 52.7633, 56.3894, 90.5414 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(168, 201, 240) }
```


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

```
.border{ border-color:rgb(168, 201, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 201, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 201, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 201, 240);  
box-shadow:4px 4px 4px 4px rgb(168, 201,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7633, 56.3894, 90.5414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 201, 240) }
```

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

```
.background{ background-color: rgb(168,  
201, 240) }
```

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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