

Converting Colors

XYZ(53.8739, 56.6813, 97.6519)

Have a look what the booklet for
XYZ(53.8739, 56.6813, 97.6519)
contains.

XYZ(53.9219, 56.8283, 97.7495)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.9219, 56.8283,
97.7495)**

Conversions

Conversions Part 1

Format	Color
Hex	A7C9F9
RGB	167, 201, 249
RGB Percent	65%, 79%, 98%
CMY	0.3451, 0.2118, 0.0235
CMYK	0.33, 0.19, 0.00, 0.02
HSL	215°, 87%, 82%
HSV	215°, 33%, 98%
XYZ	53.9219, 56.8283, 97.7495
YIQ	196.3060, -35.6720, 7.7200

Conversions

Conversions Part 2

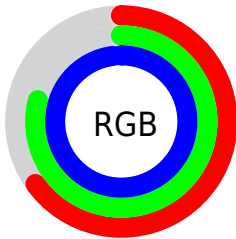
Format	Color
R _Y B	167, 191, 249
Decimal	10996217
CIE Lab	80.08, -0.23, -27.28
CIE LCh	80, 27.277, 269.507
Yxy	56.8283, 0.2586, 0.2726
Android (android.graphics.Color)	4289186297 (0xFFA7C9F9)
YUV	196.3060, 25.9781, -25.7014
Hunter-Lab	75.3845, -4.2435, -24.1109

Details

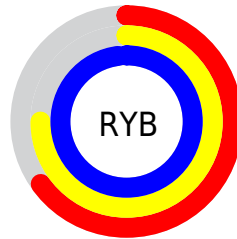
The XYZ color **53.9219, 56.8283, 97.7495** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **70.3436, 71.5318, 46.6606**, and the grayscale version is **52.5187, 55.2538, 60.1714**.

A 20% lighter version of the original color is **84.5505, 94.5873, 108.4086**, and **26.6302, 28.1180, 53.8929** is the 20% darker color. If you saturate the color by 10%, you get **45.9215, 47.8981, 96.4485**, and if you desaturate by 10%, it is **63.2612, 66.9299, 99.2081**.

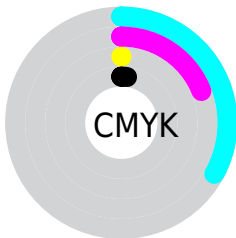
Distribution



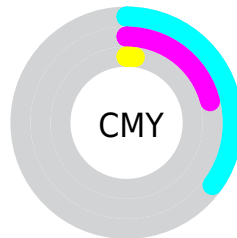
- Red (65%)
- Green (79%)
- Blue (98%)



- Red (65%)
- Yellow (75%)
- Blue (98%)



- Cyan (33%)
- Magenta (19%)
- Yellow (0%)
- Black (2%)



- Cyan (35%)
- Magenta (21%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9219, 56.8283, 97.7495 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 53.9219, 56.8283, 97.7495 by changing the saturation by 10% instead.

■ 53.9219, 56.8283,
97.7495

■ 53.9219, 56.8283,
97.7495

392.0153,
412.8056, 574.1379

■ 38.7696, 40.8674,
73.8160

■ 95.1171, 100.2146,
160.0858

■ 26.7605, 28.2155,
54.1476

■ 121.8908,
128.4088, 199.3257

■ 17.5291, 18.4882,
38.3257

153.2690,
161.4496, 244.5049

■ 10.7101, 11.3010,
25.9318

189.6171,
199.7213, 296.0418

■ 5.9381, 6.2697,
16.5473

231.3004,
243.6084, 354.3550

■ 2.8478, 3.0098,
9.7537

278.6843,

■ 1.0738, 1.1368,

293.4952, 419.8631

5.1325

332.1342,
349.7661, 492.9845

■ 0.0030, 0.0092,
2.2651

■ 0.0000, 0.0000,
0.7116

■ 53.9219, 56.8283,
97.7495

■ 53.9219, 56.8283,
97.7495

■ 45.9215, 47.8981,
96.4485

■ 63.2612, 66.9299,
99.2081

■ 39.1871, 40.0847,
95.2953

■ 73.9960, 78.2410,
100.8255

■ 33.6470, 33.3385,
94.2851

■ 86.1863, 90.8061,
102.6083

■ 29.2193, 27.6028,
93.4114

■ 94.0991, 99.6196,
103.8925

■ 25.8103, 22.8139,
92.6667

■ 23.3080, 18.8980,
92.0427

■ 21.9739, 16.5893,
91.6674

Harmonies

Analogous

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



48.7770, 56.8283, 92.1283



53.9219, 56.8283, 97.7495



59.4426, 56.8283, 92.4713

Triad

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



53.9219, 56.8283, 97.7495



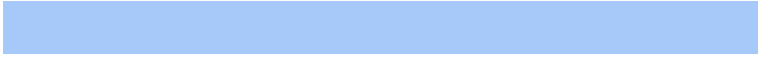
63.8445, 56.8283, 48.0096



45.3291, 56.8283, 47.6264

Complementary

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



53.9219, 56.8283, 97.7495



70.3436, 71.5318, 46.6606

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.



48.9256, 56.8283, 38.9053



53.9219, 56.8283, 97.7495



59.6122, 56.8283, 39.0985

Square

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



53.9219, 56.8283, 97.7495



65.4041, 56.8283, 62.1395



54.1054, 56.8283, 36.0683



44.0288, 56.8283, 61.6140

Rectangle

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



53.9219, 56.8283, 97.7495



62.5433, 56.8283, 83.9218



54.1054, 56.8283, 36.0683



46.2969, 56.8283, 44.0752

Sweetspot

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



53.9237, 56.8305, 97.7508



81.7046, 86.3238, 106.9636



62.0579, 80.8659, 76.5172



17.1137, 18.0886, 22.8394



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.



53.9237, 56.8305, 97.7508



50.7679, 53.1543, 102.1918



48.3378, 43.4585, 95.4642



16.8743, 17.8254, 21.9366



11.8945, 9.1445, 49.1117



1.2034, 1.0505, 4.5825

Inverse Universe

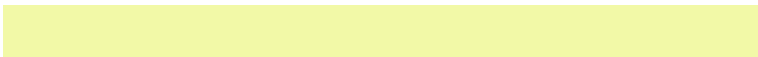
The Inverse Universe completely reimagines the original color for something new.



63.4298, 51.9960, 61.9537



62.5148, 47.9959, 57.7733



77.5271, 89.4493, 49.7404



17.5431, 17.3446, 19.4496



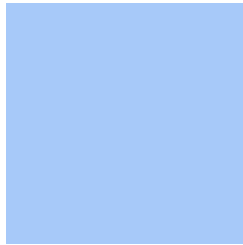
22.2958, 11.3340, 8.2661



2.1164, 1.0703, 1.0362

Previews

White Background



This preview shows how the XYZ color 53.9219, 56.8283, 97.7495 looks on a white background.

Color Contrast Check

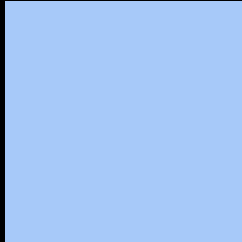
Large Text (above 18pt) WCAG AA × Fail

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 53.9219, 56.8283, 97.7495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

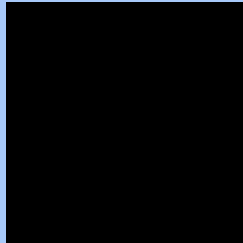
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

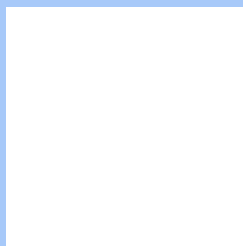
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.9219, 56.8283, 97.7495

Background



This preview shows how black text looks on a background with the XYZ color 53.9219, 56.8283, 97.7495.



This preview shows how white text looks on a background with the XYZ color 53.9219, 56.8283,

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

53.9219, 56.8283, 97.7495

Protanopia

56.6242, 56.5728, 95.1240

Deuteranopia

57.7823, 56.4329, 98.2897



Tritanopia

49.9541, 56.9936, 77.4752

Trichromacy



Original Color

53.9219, 56.8283, 97.7495

Protanomaly

55.5730, 56.6873, 96.0084

Deuteranomaly

56.5130, 56.7797, 98.4235

Tritanomaly

51.2626, 56.7985, 84.6053

Monochromacy



Original Color

53.9219, 56.8283, 97.7495

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.4674, 55.6088, 72.2582

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9219, 56.8283, 97.7495 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(167, 201, 249)` looks like.

```
.text, #text, p{  
    color:rgb(167, 201, 249)  
}
```

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(167, 201, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 201, 249) }
```

Border

The CSS property to change the border of an element to XYZ 53.9219, 56.8283, 97.7495 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(167, 201, 249) }
```


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

```
.border{ border-color:rgb(167, 201, 249) }
```

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

Here you see how a box with a 4 pixel rgb(167, 201, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 201, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 201, 249);  
box-shadow:4px 4px 4px 4px rgb(167, 201,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9219, 56.8283, 97.7495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 201, 249) }
```

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

```
.background{ background-color: rgb(167,  
201, 249) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor