

Converting Colors

XYZ(56.0152, 63.4719, 92.9114)

Have a look what the booklet for
XYZ(56.0152, 63.4719, 92.9114)
contains.

XYZ(56.0999, 63.5219, 93.3086)	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(56.0999, 63.5219,
93.3086)**

Conversions

Conversions Part 1

Format	Color
Hex	A5D8F2
RGB	165, 216, 242
RGB Percent	65%, 85%, 95%
CMY	0.3529, 0.1529, 0.0510
CMYK	0.32, 0.11, 0.00, 0.05
HSL	200°, 75%, 80%
HSV	200°, 32%, 95%
XYZ	56.0999, 63.5219, 93.3086
YIQ	203.7150, -38.7420, -2.7260

Conversions

Conversions Part 2

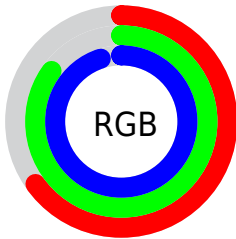
Format	Color
RYB	165, 196, 242
Decimal	10868978
CIELab	83.72, -10.40, -18.04
CIELCh	84, 20.825, 240.054
Yxy	63.5219, 0.2635, 0.2983
Android (android.graphics.Color)	4289059058 (0xFFA5D8F2)
YUV	203.7150, 18.8745, -33.9531
Hunter-Lab	79.7006, -13.8330, -13.6227

Details

The XYZ color **56.0999, 63.5219, 93.3086** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **62.0411, 58.8560, 43.6892**, and the grayscale version is **57.1184, 60.0930, 65.4413**.

A 20% lighter version of the original color is **83.9342, 94.2696, 108.3798**, and **28.1633, 32.4144, 51.2266** is the 20% darker color. If you saturate the color by 10%, you get **49.4935, 57.0869, 92.4158**, and if you desaturate by 10%, it is **63.7667, 70.6611, 94.2836**.

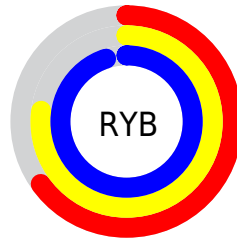
Distribution



Red (65%)

Green (85%)

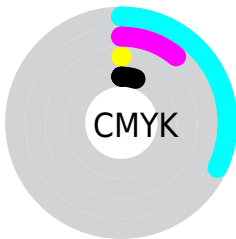
Blue (95%)



Red (65%)

Yellow (77%)

Blue (95%)

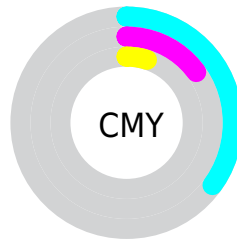


Cyan (32%)

Magenta (11%)

Yellow (0%)

Black (5%)



Cyan (35%)

Magenta (15%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0999, 63.5219, 93.3086 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 56.0999, 63.5219, 93.3086 by changing the saturation by 10% instead.

■ 56.0999, 63.5219,
93.3086

■ 56.0999, 63.5219,
93.3086

400.1368,
437.4611, 559.5813

■ 40.5203, 46.2636,
70.1389

■ 98.2896, 109.9221,
153.9012

■ 28.1305, 32.4538,
51.1623

■ 125.6304,
139.8328, 192.1612

■ 18.5650, 21.7084,
35.9602

157.6224,
174.7296, 236.2884

■ 11.4585, 13.6428,
24.1140

194.6309,
214.9971, 286.7013

■ 6.4457, 7.8726,
15.2052

237.0212,
261.0196, 343.8186

■ 3.1612, 4.0136,
8.8153

285.1587,

■ 1.2395, 1.6812,

313.1815, 408.0586

4.5258

339.4088,
371.8672, 479.8400

■ 0.1373, 0.4114,
1.9180

■ 0.0000, 0.0000,
0.5041

■ 56.0999, 63.5219,
93.3086

■ 56.0999, 63.5219,
93.3086

■ 49.4935, 57.0869,
92.4158

■ 63.7667, 70.6611,
94.2836

■ 43.8863, 51.3177,
91.5978

■ 72.5390, 78.5255,
95.3392

■ 39.2194, 46.1834,
90.8527

■ 82.4665, 87.1442,
96.4796

■ 35.4250, 41.6466,
90.1770

■ 91.0463, 95.2291,
97.5879

■ 32.4252, 37.6648,
89.5666

■ 93.0272, 99.1909,
98.2482

■ 30.1266, 34.1874,
89.0165

■ 28.6489, 31.6543,
88.6055

Harmonies

Analogous

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



53.0937, 63.5219, 82.5309



56.0999, 63.5219, 93.3086



60.3839, 63.5219, 97.4657

Triad

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



56.0999, 63.5219, 93.3086



69.5837, 63.5219, 69.1410



56.0863, 63.5219, 49.6110

Complementary

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



56.0999, 63.5219, 93.3086



62.0411, 58.8560, 43.6892

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.



60.3674, 63.5219, 46.9523



56.0999, 63.5219, 93.3086



68.2948, 63.5219, 57.3254

Square

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



56.0999, 63.5219, 93.3086



68.3037, 63.5219, 82.4850



64.8633, 63.5219, 49.5921



53.0861, 63.5219, 57.3614

Rectangle

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



56.0999, 63.5219, 93.3086



63.4352, 63.5219, 95.5629



64.8633, 63.5219, 49.5921



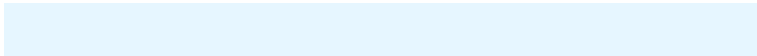
57.4161, 63.5219, 48.1392

Sweetspot

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



56.1019, 63.5244, 93.3101



83.5975, 90.1096, 107.5946



56.6379, 75.2518, 60.6395



17.5717, 19.0045, 22.9921



0.0000, 0.0000, 0.0000



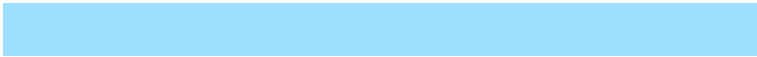
20.3446, 21.4041, 23.3091

Same Dimension

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



56.1019, 63.5244, 93.3101



58.3668, 66.8924, 104.4430



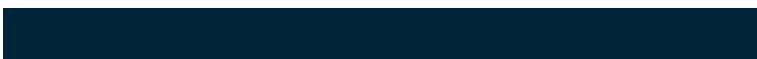
47.4328, 46.1862, 90.4204



15.7718, 16.9776, 20.1674



15.5216, 17.2675, 47.6428



1.3828, 1.6195, 3.9939

Inverse Universe

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



62.4693, 50.7470, 71.4712



66.7067, 51.0370, 75.6417



71.4762, 77.7261, 46.8342



16.2142, 15.9354, 18.6844



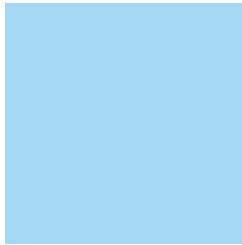
23.1602, 11.5365, 19.2921



1.9729, 0.9782, 1.8482

Previews

White Background



This preview shows how the XYZ color 56.0999, 63.5219, 93.3086 looks on a white background.

Color Contrast Check

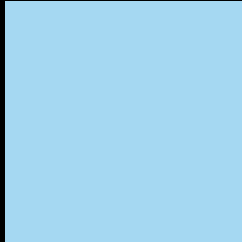
Large Text (above 18pt) WCAG AA × Fail

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 56.0999, 63.5219, 93.3086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

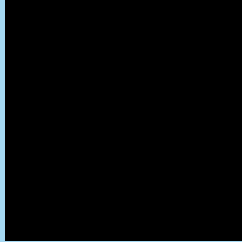
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.0999, 63.5219, 93.3086

Background



This preview shows how black text looks on a background with the XYZ color 56.0999, 63.5219, 93.3086.

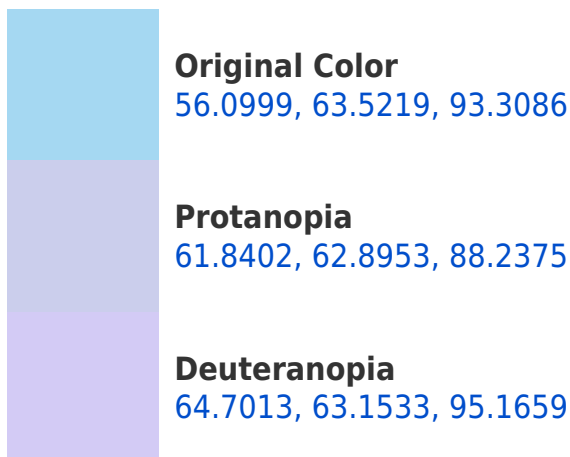


This preview shows how white text looks on a background with the XYZ color 56.0999, 63.5219,

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





Tritanopia

54.9125, 63.4104, 87.9425

Trichromacy



Original Color

56.0999, 63.5219, 93.3086

Protanomaly

59.4655, 63.0851, 89.9314

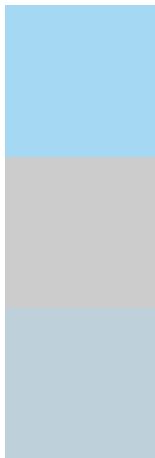
Deuteranomaly

61.1331, 63.1127, 94.5479

Tritanomaly

55.5553, 63.6913, 90.2545

Monochromacy



Original Color

56.0999, 63.5219, 93.3086

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.4460, 61.1209, 75.1522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0999, 63.5219, 93.3086 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(165, 216, 242)` looks like.

```
.text, #text, p{  
    color:rgb(165, 216, 242)  
}
```

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(165, 216, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 216, 242) }
```

Border

The CSS property to change the border of an element to XYZ 56.0999, 63.5219, 93.3086 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(165, 216, 242) }
```


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

```
.border{ border-color:rgb(165, 216, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 216, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 216, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 216, 242); box-shadow:4px 4px 4px 4px rgb(165, 216, 242) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0999, 63.5219, 93.3086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 216, 242) }
```

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

```
.background{ background-color: rgb(165,  
216, 242) }
```

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