

Converting Colors

XYZ(60.8435, 61.9546,
123.6044)

Have a look what the booklet for
XYZ(60.8435, 61.9546, 123.6044)
contains.

XYZ(56.9404, 60.3917, 103.2634)	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(56.9404, 60.3917,
103.2634)**

Conversions

Conversions Part 1

Format	Color
Hex	AACFFF
RGB	170, 207, 255
RGB Percent	67%, 81%, 100%
CMY	0.3333, 0.1882, 0.0000
CMYK	0.33, 0.19, 0.00, 0.00
HSL	214°, 100%, 83%
HSV	214°, 33%, 100%
XYZ	56.9404, 60.3917, 103.2634
YIQ	201.4090, -37.4600, 7.0840

Conversions

Conversions Part 2

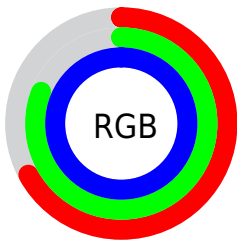
Format	Color
R_{YB}	170, 196, 255
Decimal	11194367
CIE Lab	82.05, -1.13, -27.45
CIE LCh	82, 27.469, 267.638
Yxy	60.3917, 0.2581, 0.2738
Android (android.graphics.Color)	4289384447 (0xFFAACFFF)
YUV	201.4090, 26.4204, -27.5457
Hunter-Lab	77.7121, -5.2075, -24.3858

Details

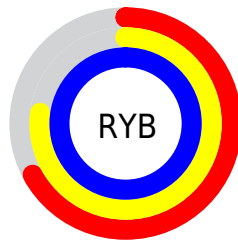
The XYZ color **56.9404, 60.3917, 103.2634** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **73.5675, 74.3053, 48.4971**, and the grayscale version is **55.6304, 58.5275, 63.7364**.

A 20% lighter version of the original color is **85.4886, 95.0709, 108.4525**, and **28.6545, 30.5045, 57.8038** is the 20% darker color. If you saturate the color by 10%, you get **48.6224, 51.1600, 101.9199**, and if you desaturate by 10%, it is **66.6492, 70.8155, 104.7637**.

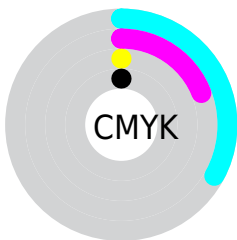
Distribution



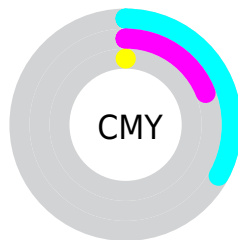
- Red (67%)
- Green (81%)
- Blue (100%)



- Red (67%)
- Yellow (77%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.9404, 60.3917, 103.2634 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 56.9404, 60.3917, 103.2634 by changing the saturation by 10% instead.

■ 56.9404, 60.3917,
103.2634

■ 56.9404, 60.3917,
103.2634

403.2437,
426.0401, 591.9413

■ 41.1973, 43.7344,
78.3967

■ 99.5101, 105.3977,
167.7255

■ 28.6617, 30.4618,
57.8815

127.0674,
134.5152, 208.1580

■ 18.9680, 20.1894,
41.2993

159.2936,
168.5548, 254.6162

■ 11.7510, 12.5328,
28.2316

196.5538,
207.9011, 307.5186

■ 6.6454, 7.1076,
18.2598

239.2137,
252.9384, 367.2838

■ 3.2857, 3.5295,
10.9653

287.6383,

■ 1.3066, 1.4140,

304.0510, 434.3303

5.9296

342.1932,
361.6235, 509.0766

■ 0.1881, 0.2270,
2.7342

■ 0.0000, 0.0000,
0.9606

■ 56.9404, 60.3917,
103.2634

■ 56.9404, 60.3917,
103.2634

■ 48.6224, 51.1600,
101.9199

■ 66.6492, 70.8155,
104.7637

■ 41.6195, 43.0646,
100.7265

■ 77.8087, 82.4702,
106.4251

■ 35.8560, 36.0548,
99.6772

■ 90.4816, 95.4011,
108.2531

■ 31.2459, 30.0726,
98.7655

95.0500, 100.0000,
108.9000

■ 27.6904, 25.0526,
97.9839

■ 25.0709, 20.9186,
97.3240

■ 23.7350, 18.5899,
96.9450

Harmonies

Analogous

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



51.6156, 60.3917, 96.7173



56.9404, 60.3917, 103.2634



62.7504, 60.3917, 98.4362

Triad

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



56.9404, 60.3917, 103.2634



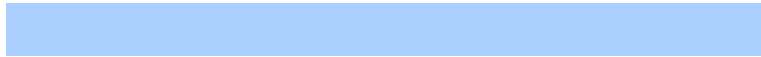
67.8975, 60.3917, 51.9799



48.4562, 60.3917, 50.0479

Complementary

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



56.9404, 60.3917, 103.2634



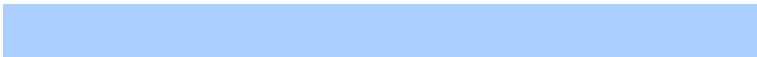
73.5675, 74.3053, 48.4971

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.



52.3637, 60.3917, 41.2515



56.9404, 60.3917, 103.2634



63.6022, 60.3917, 42.2273

Square

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



56.9404, 60.3917, 103.2634



69.3251, 60.3917, 67.0864



57.8631, 60.3917, 38.6480



46.9283, 60.3917, 64.4439

Rectangle

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



56.9404, 60.3917, 103.2634



66.0739, 60.3917, 89.8055



57.8631, 60.3917, 38.6480



49.5214, 60.3917, 46.4365

Sweetspot

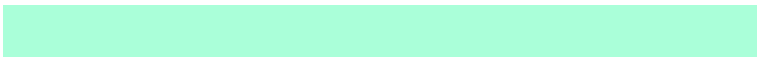
The Sweet Spot groups the original color and five complimentary colors.



56.9422, 60.3940, 103.2638



81.8600, 86.6347, 107.0154



64.8305, 85.0633, 78.4784



17.1512, 18.1637, 22.8519



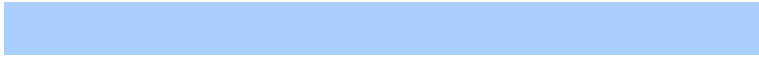
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



56.9422, 60.3940, 103.2638



51.2445, 54.1076, 102.3507



49.9376, 44.9987, 100.6614



17.6535, 18.6786, 22.9248



12.5442, 9.9980, 50.7032



1.3277, 1.1861, 4.9722

Inverse Universe

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



66.8784, 54.5161, 66.0317



62.7554, 48.0921, 59.0403



82.7098, 94.8853, 51.9876



18.3377, 18.1184, 20.3957



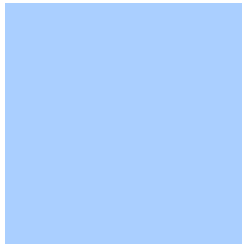
23.1199, 11.7373, 9.2820



2.3048, 1.1643, 1.1863

Previews

White Background



This preview shows how the XYZ color 56.9404, 60.3917, 103.2634 looks on a white background.

Color Contrast Check

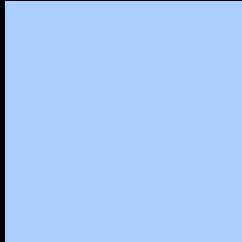
Large Text (above 18pt) WCAG AA × Fail

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 56.9404, 60.3917, 103.2634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

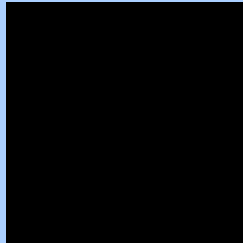
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

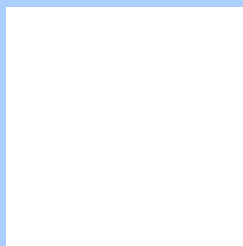
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.9404, 60.3917, 103.2634

Background



This preview shows how black text looks on a background with the XYZ color 56.9404, 60.3917, 103.2634.



This preview shows how white text looks on a background with the XYZ color 56.9404, 60.3917,

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

56.9404, 60.3917, 103.2634

Protanopia

60.2713, 60.4126, 99.7509

Deuteranopia

61.4692, 60.2643, 103.0001



Tritanopia

52.9962, 60.6366, 83.0396

Trichromacy



Original Color

56.9404, 60.3917, 103.2634

Protanomaly

58.9307, 60.4044, 100.6487

Deuteranomaly

59.8995, 60.4967, 103.1277

Tritanomaly

54.2051, 60.3732, 89.6852

Monochromacy



Original Color

56.9404, 60.3917, 103.2634

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.6423, 58.8795, 76.8388

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9404, 60.3917, 103.2634 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, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(170, 207, 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, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 207, 255) }
```

Border

The CSS property to change the border of an element to XYZ 56.9404, 60.3917, 103.2634 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, 207, 255) }
```


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

```
.border{ border-color:rgb(170, 207, 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, 207, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(170, 207,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9404, 60.3917, 103.2634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 207, 255) }
```

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

```
.background{ background-color: rgb(170,  
207, 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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