

Converting Colors

XYZ(56.2720, 61.1811,
103.4510)

Have a look what the booklet for
XYZ(56.2720, 61.1811, 103.4510)
contains.

XYZ(56.2009, 61.0997, 103.4391)	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(56.2009, 61.0997,
103.4391)**

Conversions

Conversions Part 1

Format	Color
Hex	A3D2FF
RGB	163, 210, 255
RGB Percent	64%, 82%, 100%
CMY	0.3608, 0.1765, 0.0000
CMYK	0.36, 0.18, 0.00, 0.00
HSL	209°, 100%, 82%
HSV	209°, 36%, 100%
XYZ	56.2009, 61.0997, 103.4391
YIQ	201.0770, -42.4570, 4.0310

Conversions

Conversions Part 2

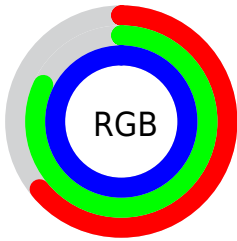
Format	Color
RYB	163, 194, 255
Decimal	10736383
CIELab	82.43, -4.61, -26.90
CIELCh	82, 27.291, 260.275
Yxy	61.0997, 0.2546, 0.2768
Android (android.graphics.Color)	4288926463 (0xFFA3D2FF)
YUV	201.0770, 26.5840, -33.3935
Hunter-Lab	78.1663, -8.4510, -23.7433

Details

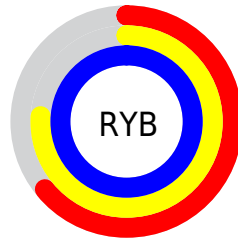
The XYZ color **56.2009, 61.0997, 103.4391** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **70.4073, 69.0166, 44.2631**, and the grayscale version is **55.4259, 58.3124, 63.5022**.

A 20% lighter version of the original color is **83.3252, 93.9556, 108.3513**, and **28.2659, 31.0423, 57.9281** is the 20% darker color. If you saturate the color by 10%, you get **48.5365, 52.7553, 102.2324**, and if you desaturate by 10%, it is **65.1614, 70.4713, 104.7757**.

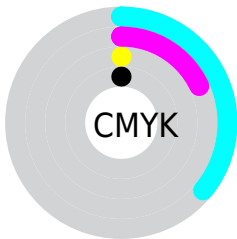
Distribution



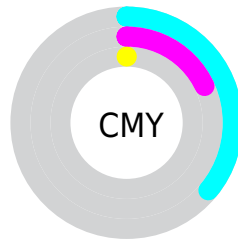
- Red (64%)
- Green (82%)
- Blue (100%)



- Red (64%)
- Yellow (76%)
- Blue (100%)



- Cyan (36%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2009, 61.0997, 103.4391 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 56.2009, 61.0997, 103.4391 by changing the saturation by 10% instead.

■ 56.2009, 61.0997,
103.4391

■ 56.2009, 61.0997,
103.4391

400.5109,
428.6395, 592.5040

■ 40.6017, 44.3056,
78.5429

■ 98.4364, 106.4233,
167.9683

■ 28.1943, 30.9109,
58.0010

■ 125.8033,
135.7216, 208.4384

■ 18.6133, 20.5310,
41.3947

157.8235,
169.9568, 254.9368

■ 11.4936, 12.7816,
28.3056

194.8623,
209.5132, 307.8822

■ 6.4696, 7.2783,
18.3151

237.2851,
254.7753, 367.6931

■ 3.1760, 3.6368,
11.0047

285.4572,

■ 1.2475, 1.4725,

306.1274, 434.7880

5.9558

339.7441,
363.9540, 509.5854

■ 0.1434, 0.2693,
2.7499

■ 0.0000, 0.0000,
0.9684

■ 56.2009, 61.0997,
103.4391

■ 56.2009, 61.0997,
103.4391

■ 48.5365, 52.7553,
102.2324

■ 65.1614, 70.4713,
104.7757

■ 42.0939, 45.3876,
101.1498

■ 75.4764, 80.9040,
106.2457

■ 36.7987, 38.9512,
100.1866

■ 87.2068, 92.4379,
107.8537

■ 32.5653, 33.3934,
99.3369

95.0500, 100.0000,
108.9000

■ 29.2941, 28.6538,
98.5945

■ 26.8628, 24.6598,
97.9517

■ 26.0694, 23.2588,
97.7231

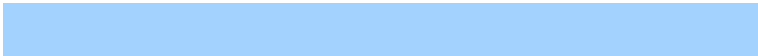
Harmonies

Analogous

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



51.2017, 61.0997, 94.3905



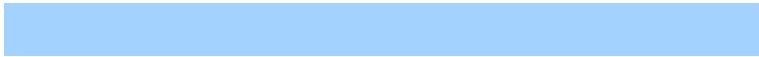
56.2009, 61.0997, 103.4391



62.0439, 61.0997, 101.4028

Triad

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



56.2009, 61.0997, 103.4391



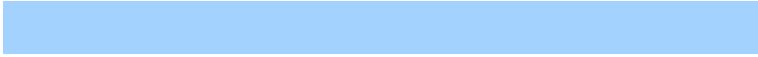
69.2326, 61.0997, 56.0139



49.8737, 61.0997, 48.0513

Complementary

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



56.2009, 61.0997, 103.4391



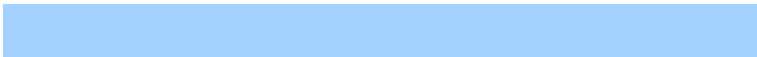
70.4073, 69.0166, 44.2631

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.



54.2760, 61.0997, 40.7343



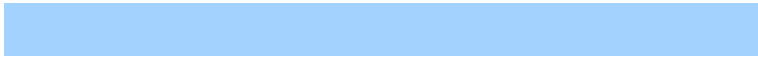
56.2009, 61.0997, 103.4391



65.5340, 61.0997, 44.7699

Square

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



56.2009, 61.0997, 103.4391



69.8339, 61.0997, 72.0973



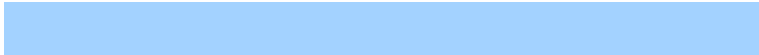
59.9871, 61.0997, 39.6429



47.7135, 61.0997, 61.2516

Rectangle

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



56.2009, 61.0997, 103.4391



65.6233, 61.0997, 94.1408



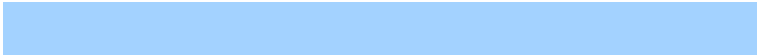
59.9871, 61.0997, 39.6429



51.1260, 61.0997, 44.9220

Sweetspot

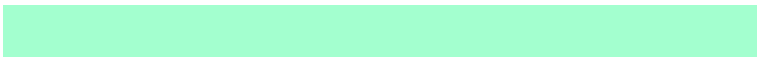
The Sweet Spot groups the original color and five complimentary colors.



56.2027, 61.1020, 103.4394



81.2511, 86.6195, 107.0446



62.1851, 83.8350, 72.2368



17.0532, 18.2074, 22.8655



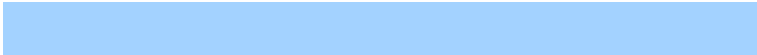
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



56.2027, 61.1020, 103.4394



50.7615, 55.2170, 102.5903



46.5270, 41.7508, 100.2142



17.7703, 18.9122, 22.9638



13.7718, 12.4532, 51.1124



1.4503, 1.4313, 5.0131

Inverse Universe

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



65.9713, 52.1093, 67.5562



62.0050, 45.8523, 61.0683



83.1241, 94.4501, 48.5020



18.3967, 18.1420, 20.7062



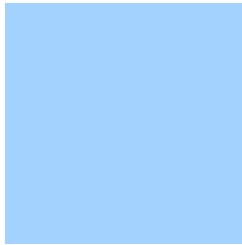
23.7396, 11.9851, 12.5450



2.3666, 1.1890, 1.5122

Previews

White Background



This preview shows how the XYZ color 56.2009, 61.0997, 103.4391 looks on a white background.

Color Contrast Check

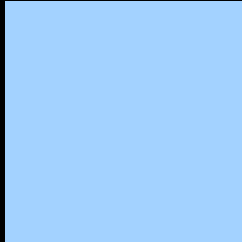
Large Text (above 18pt) WCAG AA × Fail

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 56.2009, 61.0997, 103.4391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

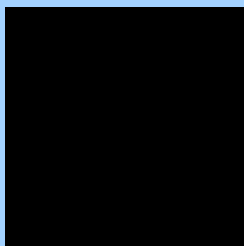
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

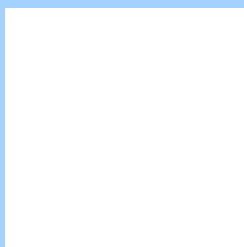
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.2009, 61.0997, 103.4391

Background



This preview shows how black text looks on a background with the XYZ color 56.2009, 61.0997, 103.4391.



This preview shows how white text looks on a background with the XYZ color 56.2009, 61.0997,

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

56.2009, 61.0997, 103.4391

Protanopia

60.8594, 61.0833, 99.0251

Deuteranopia

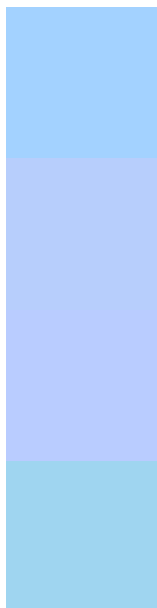
62.2253, 60.9991, 103.1021



Tritanopia

52.3750, 61.0308, 84.6210

Trichromacy



Original Color

56.2009, 61.0997, 103.4391

Protanomaly

59.1704, 61.2382, 100.7970

Deuteranomaly

59.6504, 60.7200, 103.1840

Tritanomaly

53.8205, 61.2507, 91.4240

Monochromacy



Original Color

56.2009, 61.0997, 103.4391

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.1375, 58.9710, 76.8831

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2009, 61.0997, 103.4391 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(163, 210, 255)` looks like.

```
.text, #text, p{  
    color:rgb(163, 210, 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(163, 210, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 210, 255) }
```

Border

The CSS property to change the border of an element to XYZ 56.2009, 61.0997, 103.4391 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(163, 210, 255) }
```


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

```
.border{ border-color:rgb(163, 210, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 210, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 210, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 210, 255);  
box-shadow:4px 4px 4px 4px rgb(163, 210,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2009, 61.0997, 103.4391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 210, 255) }
```

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

```
.background{ background-color: rgb(163,  
210, 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](#).

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