

Converting Colors

XYZ(61.3400, 68.2232,
104.5590)

Have a look what the booklet for
XYZ(61.3400, 68.2232, 104.5590)
contains.

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Color

**XYZ(61.4049, 68.3468,
104.5636)**

Conversions

Conversions Part 1

Format	Color
Hex	ADDEFF
RGB	173, 222, 255
RGB Percent	68%, 87%, 100%
CMY	0.3216, 0.1294, 0.0000
CMYK	0.32, 0.13, 0.00, 0.00
HSL	204°, 100%, 84%
HSV	204°, 32%, 100%
XYZ	61.4049, 68.3468, 104.5636
YIQ	211.1110, -39.7970, -0.1250

Conversions

Conversions Part 2

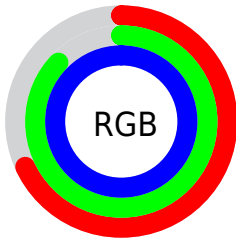
Format	Color
R _Y B	173, 204, 255
Decimal	11394815
CIE Lab	86.18, -8.19, -21.15
CIE LCh	86, 22.678, 248.832
Yxy	68.3468, 0.2621, 0.2917
Android (android.graphics.Color)	4289584895 (0xFFADDEFF)
YUV	211.1110, 21.6373, -33.4233
Hunter-Lab	82.6721, -12.0950, -17.1194

Details

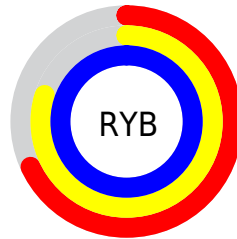
The XYZ color **61.4049, 68.3468, 104.5636** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **70.8545, 68.4198, 49.0091**, and the grayscale version is **61.8723, 65.0944, 70.8878**.

A 20% lighter version of the original color is **86.4431, 95.5630, 108.4972**, and **31.4830, 35.5662, 58.6317** is the 20% darker color. If you saturate the color by 10%, you get **53.6524, 60.4281, 103.4438**, and if you desaturate by 10%, it is **70.4032, 77.1572, 105.7899**.

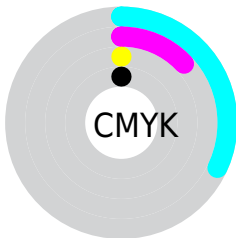
Distribution



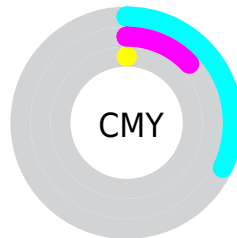
- Red (68%)
- Green (87%)
- Blue (100%)



- Red (68%)
- Yellow (80%)
- Blue (100%)



- Cyan (32%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (32%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.4049, 68.3468, 104.5636 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 61.4049, 68.3468, 104.5636 by changing the saturation by 10% instead.

61.4049, 68.3468,
104.5636

61.4049, 68.3468,
104.5636

419.5093,
454.7238, 596.0982

44.8058, 50.1799,
79.4792

105.9598,
116.8481, 169.5210

31.5051, 35.5564,
58.7662

134.6463,
147.9514, 210.2310

21.1375, 24.0918,
42.0062

168.0926,
184.1355, 256.9867

13.3376, 15.4017,
28.7805

206.6641,
225.7850, 310.2065

7.7400, 9.1018,
18.6707

250.7262,
273.2841, 370.3090

3.9794, 4.8076,
11.2582

300.6442,

1.6905, 2.1348,

327.0174, 437.7128

6.1244

356.7834,
387.3691, 512.8363

■ 0.4503, 0.6841,
2.8509

■ 0.0000, 0.0000,
1.0190

■ 61.4049, 68.3468,
104.5636

■ 61.4049, 68.3468,
104.5636

■ 53.6524, 60.4281,
103.4438

■ 70.4032, 77.1572,
105.7899

■ 47.0756, 53.3559,
102.4253

■ 80.7009, 86.8863,
107.1251

■ 41.6058, 47.0918,
101.5045

■ 92.3553, 97.5694,
108.5729

■ 37.1642, 41.5906,
100.6768

■ 95.0500, 100.0000,
108.9000

■ 33.6602, 36.8009,
99.9369

■ 30.9850, 32.6617,
99.2790

■ 29.3410, 29.8019,
98.8137

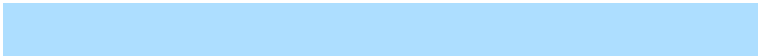
Harmonies

Analogous

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



57.4539, 68.3468, 93.9321



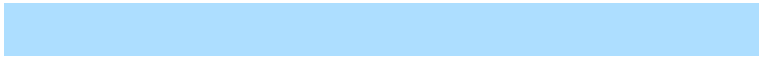
61.4049, 68.3468, 104.5636



66.5145, 68.3468, 106.5817

Triad

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



61.4049, 68.3468, 104.5636



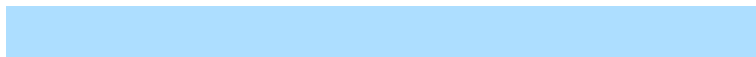
75.3905, 68.3468, 70.0923



58.8704, 68.3468, 54.2006

Complementary

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



61.4049, 68.3468, 104.5636



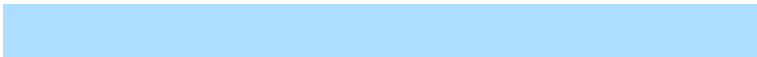
70.8545, 68.4198, 49.0091

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.



63.4330, 68.3468, 49.4790



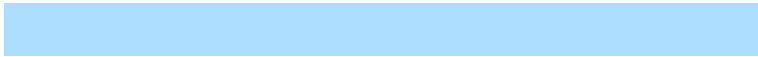
61.4049, 68.3468, 104.5636



73.0963, 68.3468, 57.8131

Square

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



61.4049, 68.3468, 104.5636



74.7758, 68.3468, 85.2858



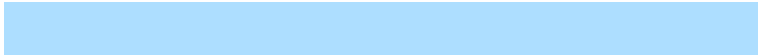
68.6530, 68.3468, 50.7067



56.0460, 68.3468, 64.5151

Rectangle

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



61.4049, 68.3468, 104.5636



69.9219, 68.3468, 102.5404



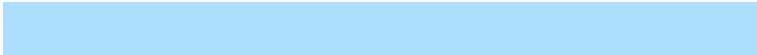
68.6530, 68.3468, 50.7067



60.2416, 68.3468, 51.9740

Sweetspot

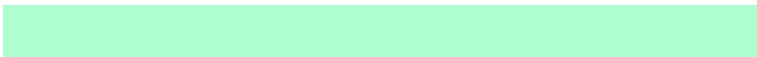
The Sweet Spot groups the original color and five complimentary colors.



61.4068, 68.3494, 104.5640



83.0963, 89.1071, 107.4275



64.1110, 84.8513, 71.2656



17.4502, 18.7616, 22.9516



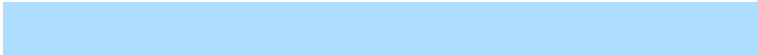
0.0000, 0.0000, 0.0000



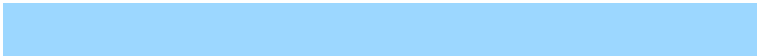
20.3446, 21.4041, 23.3091

Same Dimension

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



61.4068, 68.3494, 104.5640



55.9688, 62.8340, 103.7861



51.8497, 49.2353, 101.3783



17.9058, 19.1832, 23.0089



15.4815, 15.8726, 51.6823



1.6145, 1.7597, 5.0678

Inverse Universe

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



69.3697, 56.4228, 76.3446



65.3163, 49.7915, 70.4450



81.9830, 90.6768, 52.7186



18.4651, 18.1694, 21.0664



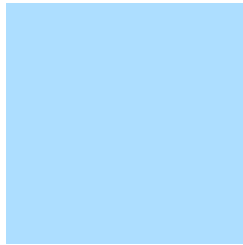
24.6026, 12.3303, 17.0894



2.4495, 1.2222, 1.9487

Previews

White Background



This preview shows how the XYZ color 61.4049, 68.3468, 104.5636 looks on a white background.

Color Contrast Check

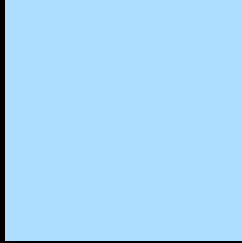
Large Text (above 18pt) WCAG AA × Fail

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 61.4049, 68.3468, 104.5636 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

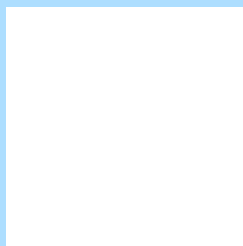
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.4049, 68.3468, 104.5636

Background



This preview shows how black text looks on a background with the XYZ color 61.4049, 68.3468, 104.5636.

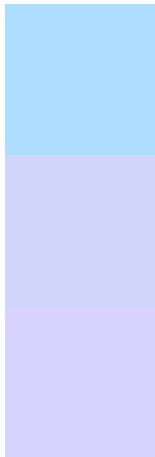


This preview shows how white text looks on a background with the XYZ color 61.4049, 68.3468,

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

61.4049, 68.3468, 104.5636

Protanopia

66.9056, 67.8379, 99.1903

Deuteranopia

69.1209, 67.7603, 104.0437



Tritanopia

59.2602, 68.2682, 94.0581

Trichromacy



Original Color

61.4049, 68.3468, 104.5636

Protanomaly

64.4741, 67.6789, 100.9320

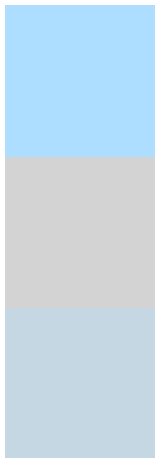
Deuteranomaly

65.9160, 67.5925, 104.1803

Tritanomaly

59.9708, 68.1487, 97.9889

Monochromacy



Original Color

61.4049, 68.3468, 104.5636

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.1915, 66.0172, 82.1905

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4049, 68.3468, 104.5636 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(173, 222, 255)` looks like.

```
.text, #text, p{  
    color:rgb(173, 222, 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(173, 222, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 222, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.4049, 68.3468, 104.5636 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(173, 222, 255) }
```


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

```
.border{ border-color:rgb(173, 222, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 222, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 222, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 222, 255);  
box-shadow:4px 4px 4px 4px rgb(173, 222,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4049, 68.3468, 104.5636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 222, 255) }
```

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

```
.background{ background-color: rgb(173,  
222, 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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