

Converting Colors

XYZ(57.9440, 64.5252,
104.0084)

Have a look what the booklet for
XYZ(57.9440, 64.5252, 104.0084)
contains.

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Color

**XYZ(57.9671, 64.6322,
104.0278)**

Conversions

Conversions Part 1

Format	Color
Hex	A3D9FF
RGB	163, 217, 255
RGB Percent	64%, 85%, 100%
CMY	0.3608, 0.1490, 0.0000
CMYK	0.36, 0.15, 0.00, 0.00
HSL	205°, 100%, 82%
HSV	205°, 36%, 100%
XYZ	57.9671, 64.6322, 104.0278
YIQ	205.1860, -44.3820, 0.3700

Conversions

Conversions Part 2

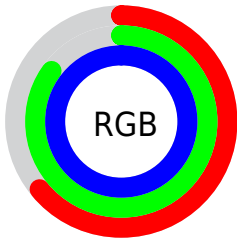
Format	Color
RYB	163, 197, 255
Decimal	10738175
CIELab	84.29, -8.28, -24.06
CIELCh	84, 25.447, 251.004
Yxy	64.6322, 0.2558, 0.2852
Android (android.graphics.Color)	4288928255 (0xFFA3D9FF)
YUV	205.1860, 24.5583, -36.9971
Hunter-Lab	80.3942, -11.9848, -20.4437

Details

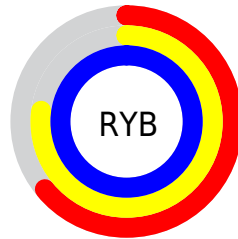
The XYZ color **57.9671, 64.6322, 104.0278** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **68.7379, 65.6779, 43.7065**, and the grayscale version is **58.0171, 61.0385, 66.4709**.

A 20% lighter version of the original color is **83.3252, 93.9556, 108.3513**, and **29.2977, 33.1060, 58.2720** is the 20% darker color. If you saturate the color by 10%, you get **50.6344, 56.9512, 102.9317**, and if you desaturate by 10%, it is **66.5293, 73.2073, 105.2317**.

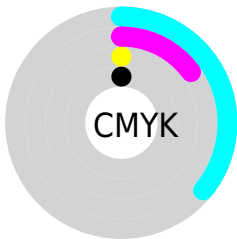
Distribution



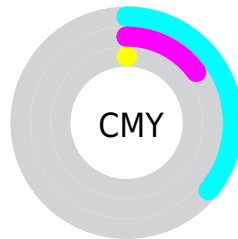
- Red (64%)
- Green (85%)
- Blue (100%)



- Red (64%)
- Yellow (77%)
- Blue (100%)



- Cyan (36%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9671, 64.6322, 104.0278 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 57.9671, 64.6322, 104.0278 by changing the saturation by 10% instead.

■ 57.9671, 64.6322,
104.0278

■ 57.9671, 64.6322,
104.0278

407.0192,
441.4691, 594.3870

■ 42.0254, 47.1629,
79.0330

■ 100.9982,
111.5209, 168.7814

■ 29.3123, 33.1645,
58.4015

■ 128.8182,
141.7091, 209.3772

■ 19.4627, 22.2525,
41.7147

161.3285,
176.9057, 256.0104

■ 12.1111, 14.0425,
28.5540

198.8942,
217.4952, 309.0997

■ 6.8921, 8.1502,
18.5010

241.8807,
263.8619, 369.0634

■ 3.4404, 4.1912,
11.1372

290.6535,

■ 1.3907, 1.7811,

316.3901, 436.3202

6.0438

345.5779,
375.4644, 511.2885

■ 0.2496, 0.4754,
2.8025

■ 0.0000, 0.0000,
0.9947

■ 57.9671, 64.6322,
104.0278

■ 57.9671, 64.6322,
104.0278

■ 50.6344, 56.9512,
102.9317

■ 66.5293, 73.2073,
105.2317

■ 44.4590, 50.1177,
101.9382

■ 76.3771, 82.7054,
106.5460

■ 39.3687, 44.0912,
101.0432

■ 87.5692, 93.1629,
107.9746

■ 35.2805, 38.8238,
100.2420

95.0500, 100.0000,
108.9000

■ 32.0974, 34.2603,
99.5289

■ 29.6998, 30.3336,
98.8974

■ 28.9053, 28.9306,
98.6684

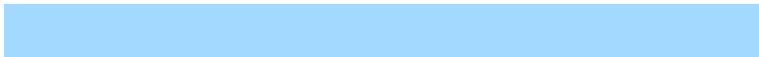
Harmonies

Analogous

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



53.6025, 64.6322, 92.7899



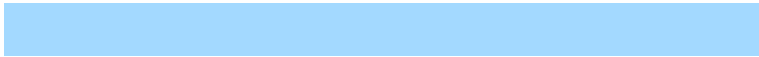
57.9671, 64.6322, 104.0278



63.5251, 64.6322, 105.4888

Triad

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



57.9671, 64.6322, 104.0278



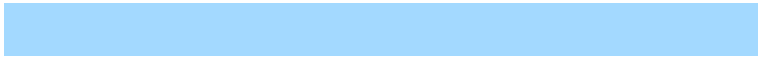
72.7070, 64.6322, 64.6080



54.5845, 64.6322, 49.4346

Complementary

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



57.9671, 64.6322, 104.0278



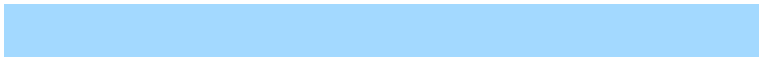
68.7379, 65.6779, 43.7065

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.



59.3834, 64.6322, 44.0693



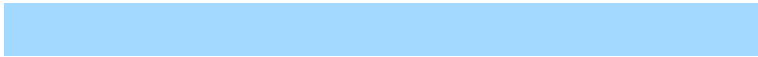
57.9671, 64.6322, 104.0278



69.9868, 64.6322, 51.8936

Square

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



57.9671, 64.6322, 104.0278



72.2701, 64.6322, 80.9784



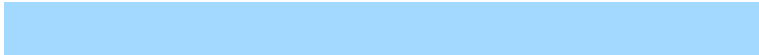
65.0301, 64.6322, 44.8946



51.7337, 64.6322, 60.7374

Rectangle

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



57.9671, 64.6322, 104.0278



67.1901, 64.6322, 100.5037



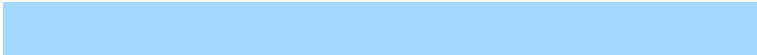
65.0301, 64.6322, 44.8946



56.0107, 64.6322, 46.9613

Sweetspot

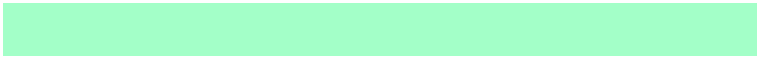
The Sweet Spot groups the original color and five complimentary colors.



57.9689, 64.6346, 104.0282



81.8876, 87.8925, 107.2567



61.2674, 83.4679, 67.4044



17.2050, 18.5109, 22.9161



0.0000, 0.0000, 0.0000



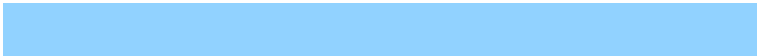
20.3446, 21.4041, 23.3091

Same Dimension

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



57.9689, 64.6346, 104.0282



52.7644, 59.2228, 103.2579



47.9464, 44.5896, 100.6873



17.8891, 19.1499, 23.0034



15.2544, 15.4184, 51.6066



1.5930, 1.7167, 5.0607

Inverse Universe

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



66.8628, 52.4658, 72.2511



63.0160, 46.2567, 66.3921



80.7463, 89.6947, 47.7093



18.4567, 18.1660, 21.0221



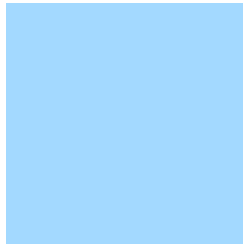
24.4879, 12.2845, 16.4857



2.4387, 1.2179, 1.8916

Previews

White Background



This preview shows how the XYZ color 57.9671, 64.6322, 104.0278 looks on a white background.

Color Contrast Check

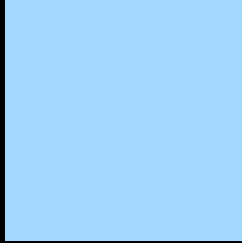
Large Text (above 18pt) WCAG AA × Fail

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 57.9671, 64.6322, 104.0278 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

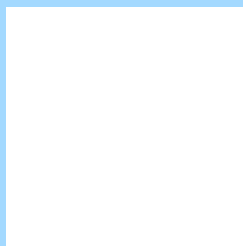
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.9671, 64.6322, 104.0278

Background



This preview shows how black text looks on a background with the XYZ color 57.9671, 64.6322, 104.0278.

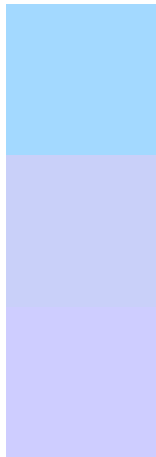


This preview shows how white text looks on a background with the XYZ color 57.9671, 64.6322,

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

57.9671, 64.6322, 104.0278

Protanopia

63.7422, 64.3688, 98.6874

Deuteranopia

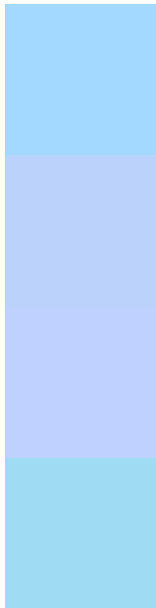
65.3349, 64.0045, 103.5183



Tritanopia

55.3239, 64.7304, 90.4673

Trichromacy



Original Color

57.9671, 64.6322, 104.0278

Protanomaly

61.2004, 64.1184, 100.4173

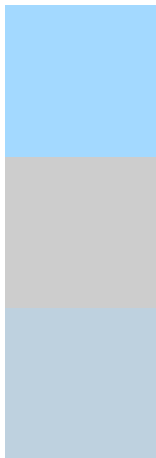
Deuteranomaly

62.0857, 63.7681, 103.6439

Tritanomaly

56.1579, 64.6683, 95.1103

Monochromacy



Original Color

57.9671, 64.6322, 104.0278

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.3550, 61.8758, 78.7323

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9671, 64.6322, 104.0278 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, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(163, 217, 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, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 217, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.9671, 64.6322, 104.0278 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, 217, 255) }
```


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

```
.border{ border-color:rgb(163, 217, 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, 217, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(163, 217,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9671, 64.6322, 104.0278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 217, 255) }
```

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

```
.background{ background-color: rgb(163,  
217, 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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