

Converting Colors

XYZ(59.5321, 67.9368, 98.0202)

Have a look what the booklet for
XYZ(59.5321, 67.9368, 98.0202)
contains.

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Color

**XYZ(59.5384, 67.9258,
97.9687)**

Conversions

Conversions Part 1

Format	Color
Hex	A9DFF7
RGB	169, 223, 247
RGB Percent	66%, 87%, 97%
CMY	0.3372, 0.1255, 0.0314
CMYK	0.32, 0.10, 0.00, 0.03
HSL	198°, 83%, 82%
HSV	198°, 32%, 97%
XYZ	59.5384, 67.9258, 97.9687
YIQ	209.5900, -39.8880, -3.9840

Conversions

Conversions Part 2

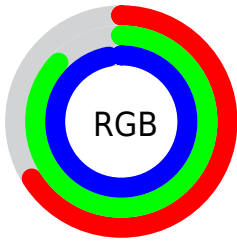
Format	Color
R _Y B	169, 201, 247
Decimal	11132919
CIE Lab	85.97, -11.71, -17.27
CIE LCh	86, 20.866, 235.868
Yxy	67.9258, 0.2641, 0.3013
Android (android.graphics.Color)	4289322999 (0xFFA9DFF7)
YUV	209.5900, 18.4431, -35.5974
Hunter-Lab	82.4171, -15.2809, -12.7857

Details

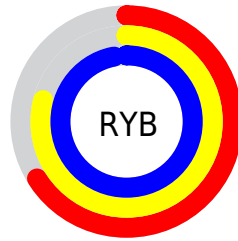
The XYZ color **59.5384, 67.9258, 97.9687** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **64.5902, 60.7795, 45.8652**, and the grayscale version is **60.8934, 64.0646, 69.7663**.

A 20% lighter version of the original color is **85.1740, 94.9088, 108.4378**, and **30.3460, 35.3443, 54.5129** is the 20% darker color. If you saturate the color by 10%, you get **52.7471, 61.4794, 97.0835**, and if you desaturate by 10%, it is **67.4260, 75.0758, 98.9342**.

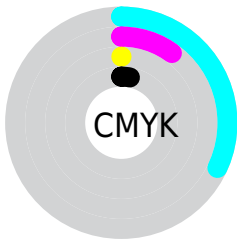
Distribution



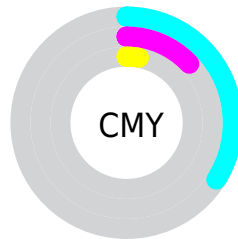
- Red (66%)
- Green (87%)
- Blue (97%)



- Red (66%)
- Yellow (79%)
- Blue (97%)



- Cyan (32%)
- Magenta (10%)
- Yellow (0%)
- Black (3%)



- Cyan (34%)
- Magenta (13%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5384, 67.9258, 97.9687 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 59.5384, 67.9258, 97.9687 by changing the saturation by 10% instead.

■ 59.5384, 67.9258,
97.9687

■ 59.5384, 67.9258,
97.9687

412.7563,
453.2331, 574.8513

■ 43.2947, 49.8374,
73.9978

■ 103.2699,
116.2460, 160.3903

■ 30.3119, 35.2842,
54.2955

131.4885,
147.2465, 199.6782

■ 20.2247, 23.8819,
38.4431

164.4294,
183.3199, 244.9087

■ 12.6677, 15.2460,
26.0223

202.4580,
224.8505, 296.5005

■ 7.2756, 8.9922,
16.6144

245.9396,
272.2227, 354.8722

■ 3.6829, 4.7361,
9.8009

295.2396,

■ 1.5243, 2.0933,

325.8210, 420.4421

5.1633

350.7234,
386.0296, 493.6290

■ 0.3423, 0.6608,
2.2830

■ 0.0000, 0.0000,
0.7217

■ 59.5384, 67.9258,
97.9687

■ 59.5384, 67.9258,
97.9687

■ 52.7471, 61.4794,
97.0835

■ 67.4260, 75.0758,
98.9342

■ 46.9880, 55.6972,
96.2710

■ 76.4568, 82.9506,
99.9782

■ 42.2000, 50.5472,
95.5293

■ 86.6825, 91.5801,
101.1049

■ 38.3123, 45.9914,
94.8548

■ 93.2810, 98.4800,
102.0890

■ 35.2436, 41.9858,
94.2434

■ 93.7887, 99.4955,
102.2582

■ 32.8966, 38.4784,
93.6901

■ 31.3531, 35.8441,
93.2630

Harmonies

Analogous

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



56.6363, 67.9258, 86.0542



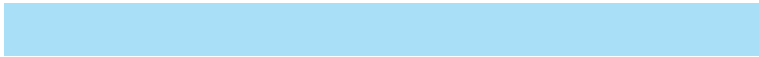
59.5384, 67.9258, 97.9687



63.9012, 67.9258, 103.4565

Triad

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



59.5384, 67.9258, 97.9687



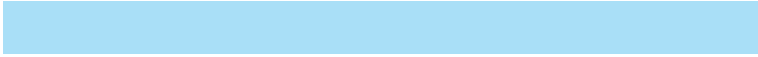
74.1735, 67.9258, 75.8733



60.6322, 67.9258, 52.7051

Complementary

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



59.5384, 67.9258, 97.9687



64.5902, 60.7795, 45.8652

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.



65.2262, 67.9258, 50.6811



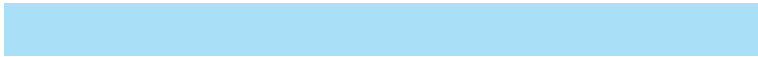
59.5384, 67.9258, 97.9687



73.1935, 67.9258, 63.0550

Square

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



59.5384, 67.9258, 97.9687



72.4755, 67.9258, 89.7411



69.8593, 67.9258, 54.2334



57.2455, 67.9258, 60.1461

Rectangle

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



59.5384, 67.9258, 97.9687



67.1083, 67.9258, 102.2914



69.8593, 67.9258, 54.2334



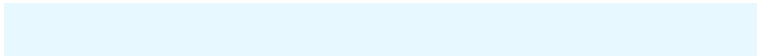
62.0798, 67.9258, 51.4113

Sweetspot

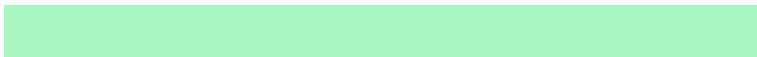
The Sweet Spot groups the original color and five complimentary colors.



59.5405, 67.9285, 97.9703



84.8936, 91.4815, 107.7911



59.1833, 78.7815, 62.1907



17.8407, 19.2995, 23.0348



0.0000, 0.0000, 0.0000



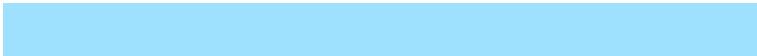
20.3446, 21.4041, 23.3091

Same Dimension

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



59.5405, 67.9285, 97.9703



59.1461, 68.4509, 104.7028



50.4178, 49.6830, 94.9294



16.5414, 17.8471, 21.1156



16.7131, 19.2199, 49.3670



1.5597, 1.8709, 4.3691

Inverse Universe

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



65.8668, 53.4796, 76.6660



67.1001, 51.1943, 77.7130



74.2086, 80.0162, 49.0714



16.9838, 16.6764, 19.6615



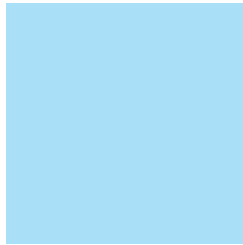
24.2405, 12.0396, 21.7726



2.1763, 1.0765, 2.1550

Previews

White Background



This preview shows how the XYZ color 59.5384, 67.9258, 97.9687 looks on a white background.

Color Contrast Check

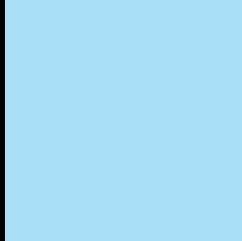
Large Text (above 18pt) WCAG AA × Fail

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 59.5384, 67.9258, 97.9687 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 59.5384, 67.9258, 97.9687

Background



This preview shows how black text looks on a background with the XYZ color 59.5384, 67.9258, 97.9687.



This preview shows how white text looks on a background with the XYZ color 59.5384, 67.9258,

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

59.5384, 67.9258, 97.9687

Protanopia

66.1008, 67.5814, 91.9987

Deuteranopia

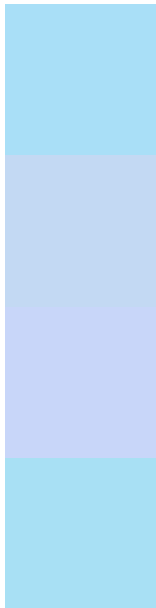
68.9692, 67.4085, 99.8185



Tritanopia

58.8311, 68.0469, 94.0380

Trichromacy



Original Color

59.5384, 67.9258, 97.9687

Protanomaly

63.4962, 67.6989, 94.5146

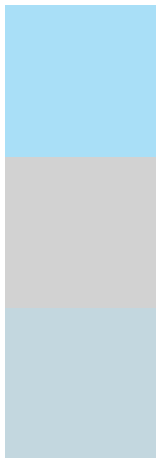
Deuteranomaly

64.9649, 67.2120, 99.1717

Tritanomaly

59.1332, 68.1678, 95.6290

Monochromacy



Original Color

59.5384, 67.9258, 97.9687

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.1254, 65.5307, 79.2918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5384, 67.9258, 97.9687 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(169, 223, 247)` looks like.

```
.text, #text, p{  
    color:rgb(169, 223, 247)  
}
```

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(169, 223, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 223, 247) }
```

Border

The CSS property to change the border of an element to XYZ 59.5384, 67.9258, 97.9687 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(169, 223, 247) }
```


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

```
.border{ border-color:rgb(169, 223, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 223, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 223, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 223, 247);  
box-shadow:4px 4px 4px 4px rgb(169, 223,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5384, 67.9258, 97.9687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 223, 247) }
```

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

```
.background{ background-color: rgb(169,  
223, 247) }
```

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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