

Converting Colors

XYZ(55.0548, 59.8879, 96.8543)

Have a look what the booklet for
XYZ(55.0548, 59.8879, 96.8543)
contains.

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Color

**XYZ(55.0703, 59.9341,
96.6616)**

Conversions

Conversions Part 1

Format	Color
Hex	A6D0F7
RGB	166, 208, 247
RGB Percent	65%, 82%, 97%
CMY	0.3490, 0.1843, 0.0314
CMYK	0.33, 0.16, 0.00, 0.03
HSL	209°, 84%, 81%
HSV	209°, 33%, 97%
XYZ	55.0703, 59.9341, 96.6616
YIQ	199.8880, -37.5510, 3.2250

Conversions

Conversions Part 2

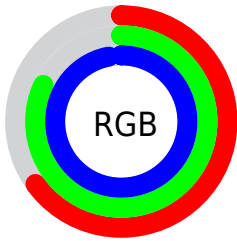
Format	Color
RYB	166, 194, 247
Decimal	10932471
CIELab	81.80, -4.73, -23.59
CIELCh	82, 24.063, 258.668
Yxy	59.9341, 0.2602, 0.2832
Android (android.graphics.Color)	4289122551 (0xFFA6D0F7)
YUV	199.8880, 23.2262, -29.7198
Hunter-Lab	77.4171, -8.5048, -19.8364

Details

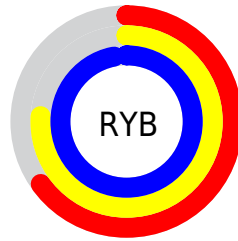
The XYZ color **55.0703, 59.9341, 96.6616** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **67.0732, 66.1911, 45.3193**, and the grayscale version is **54.7105, 57.5597, 62.6826**.

A 20% lighter version of the original color is **84.2414, 94.4280, 108.3942**, and **27.5151, 30.2523, 53.6793** is the 20% darker color. If you saturate the color by 10%, you get **47.5900, 51.9350, 95.5129**, and if you desaturate by 10%, it is **63.7661, 68.8853, 97.9321**.

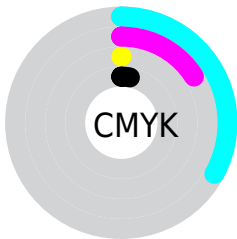
Distribution



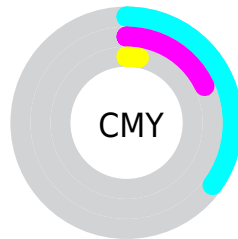
- Red (65%)
- Green (82%)
- Blue (97%)



- Red (65%)
- Yellow (76%)
- Blue (97%)



- Cyan (33%)
- Magenta (16%)
- Yellow (0%)
- Black (3%)



- Cyan (35%)
- Magenta (18%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.0703, 59.9341, 96.6616 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 55.0703, 59.9341, 96.6616 by changing the saturation by 10% instead.

■ 55.0703, 59.9341,
96.6616

■ 55.0703, 59.9341,
96.6616

396.3104,
424.3548, 570.5905

■ 39.6921, 43.3655,
72.9142

■ 96.7917, 104.7341,
158.5734

■ 27.4817, 30.1720,
53.4144

■ 123.8655,
133.7342, 197.5750

■ 18.0738, 19.9692,
37.7437

155.5686,
167.6471, 242.4983

■ 11.1030, 12.3726,
25.4835

192.2664,
206.8569, 293.7619

■ 6.2039, 6.9980,
16.2154

234.3240,
251.7483, 351.7844

■ 3.0113, 3.4608,
9.5207

282.1070,

■ 1.1598, 1.3768,

302.7054, 416.9843

4.9809

335.9807,
360.1128, 489.7802

■ 0.0742, 0.1995,
2.1775

■ 0.0000, 0.0000,
0.6614

■ 55.0703, 59.9341,
96.6616

■ 55.0703, 59.9341,
96.6616

■ 47.5900, 51.9350,
95.5129

■ 63.7661, 68.8853,
97.9321

■ 41.2577, 44.8421,
94.4776

■ 73.7290, 78.8180,
99.3242

■ 36.0075, 38.6154,
93.5524

■ 85.0140, 89.7684,
100.8430

■ 31.7637, 33.2085,
92.7325

■ 93.7887, 99.4955,
102.2581

■ 28.4394, 28.5687,
92.0121

■ 25.9304, 24.6341,
91.3849

■ 24.5181, 22.1742,
90.9845

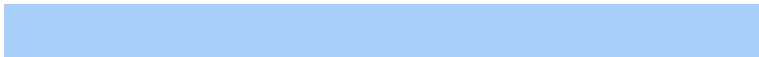
Harmonies

Analogous

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



50.7632, 59.9341, 88.5638



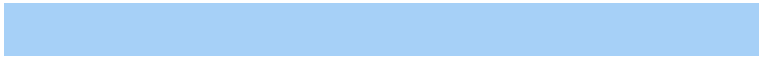
55.0703, 59.9341, 96.6616



60.1453, 59.9341, 95.4643

Triad

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



55.0703, 59.9341, 96.6616



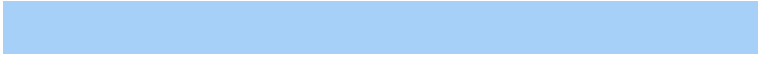
66.7158, 59.9341, 56.7180



49.9502, 59.9341, 48.4923

Complementary

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



55.0703, 59.9341, 96.6616



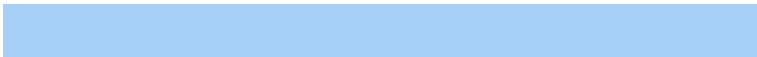
67.0732, 66.1911, 45.3193

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.



53.8999, 59.9341, 42.2080



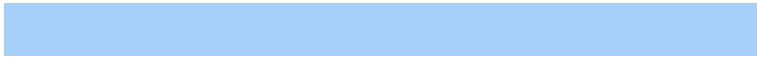
55.0703, 59.9341, 96.6616



63.6536, 59.9341, 46.4479

Square

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



55.0703, 59.9341, 96.6616



67.0754, 59.9341, 70.9026



58.9038, 59.9341, 41.5198



47.9263, 59.9341, 59.9213

Rectangle

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



55.0703, 59.9341, 96.6616



63.2804, 59.9341, 89.5909



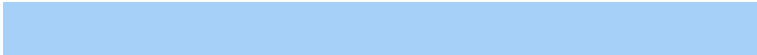
58.9038, 59.9341, 41.5198



51.0855, 59.9341, 45.7857

Sweetspot

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



55.0722, 59.9365, 96.6630



82.4905, 87.8956, 107.2256



59.8633, 78.9799, 69.0923



17.3036, 18.4683, 22.9027



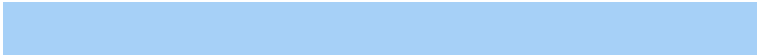
0.0000, 0.0000, 0.0000



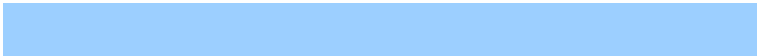
20.3446, 21.4041, 23.3091

Same Dimension

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



55.0722, 59.9365, 96.6630



54.0148, 58.9260, 103.1347



46.6484, 43.0888, 93.8550



16.2920, 17.3483, 21.0324



13.1098, 12.0134, 48.1659



1.2551, 1.2617, 4.2676

Inverse Universe

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



63.3808, 51.6025, 66.2966



64.3300, 49.3970, 65.2512



77.6830, 87.4106, 48.8559



16.8580, 16.6260, 18.9986



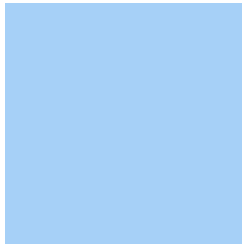
22.4217, 11.3121, 12.1951



2.0226, 1.0150, 1.3454

Previews

White Background



This preview shows how the XYZ color 55.0703, 59.9341, 96.6616 looks on a white background.

Color Contrast Check

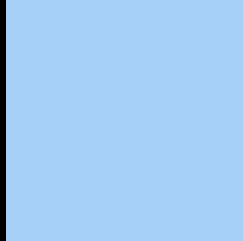
Large Text (above 18pt) WCAG AA × Fail

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 55.0703, 59.9341, 96.6616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

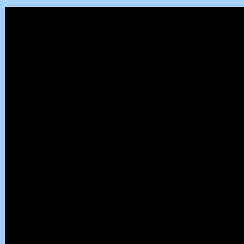
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

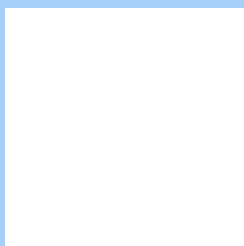
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.0703, 59.9341, 96.6616

Background



This preview shows how black text looks on a background with the XYZ color 55.0703, 59.9341, 96.6616.



This preview shows how white text looks on a background with the XYZ color 55.0703, 59.9341,

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

55.0703, 59.9341, 96.6616

Protanopia

59.1618, 59.6534, 92.4005

Deuteranopia

61.0755, 59.8285, 97.9516



Tritanopia

52.1981, 59.8713, 82.2040

Trichromacy



Original Color

55.0703, 59.9341, 96.6616

Protanomaly

57.6892, 59.9077, 94.1108

Deuteranomaly

58.5573, 59.5832, 97.2213

Tritanomaly

53.1462, 59.8779, 87.3537

Monochromacy



Original Color

55.0703, 59.9341, 96.6616

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.6194, 58.4130, 74.0417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0703, 59.9341, 96.6616 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(166, 208, 247)` looks like.

```
.text, #text, p{  
    color:rgb(166, 208, 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(166, 208, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 208, 247) }
```

Border

The CSS property to change the border of an element to XYZ 55.0703, 59.9341, 96.6616 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(166, 208, 247) }
```


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

```
.border{ border-color:rgb(166, 208, 247) }
```

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

Here you see how a box with a 4 pixel rgb(166, 208, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 208, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 208, 247);  
box-shadow:4px 4px 4px 4px rgb(166, 208,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0703, 59.9341, 96.6616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 208, 247) }
```

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

```
.background{ background-color: rgb(166,  
208, 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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