

Converting Colors

XYZ(57.7678, 65.5857, 97.9840)

Have a look what the booklet for
XYZ(57.7678, 65.5857, 97.9840)
contains.

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Color

**XYZ(57.6371, 65.3778,
97.5771)**

Conversions

Conversions Part 1

Format	Color
Hex	A5DBF7
RGB	165, 219, 247
RGB Percent	65%, 86%, 97%
CMY	0.3529, 0.1412, 0.0314
CMYK	0.33, 0.11, 0.00, 0.03
HSL	200°, 84%, 81%
HSV	200°, 33%, 97%
XYZ	57.6371, 65.3778, 97.5771
YIQ	206.0460, -41.1720, -2.7400

Conversions

Conversions Part 2

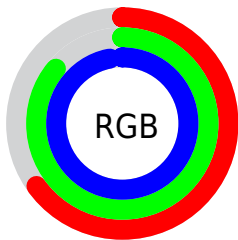
Format	Color
RYB	165, 198, 247
Decimal	10869751
CIELab	84.68, -10.75, -19.24
CIELCh	85, 22.037, 240.818
Yxy	65.3778, 0.2613, 0.2964
Android (android.graphics.Color)	4289059831 (0xFFA5DBF7)
YUV	206.0460, 20.1903, -35.9973
Hunter-Lab	80.8565, -14.2585, -14.9512

Details

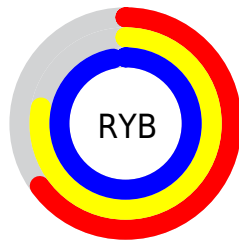
The XYZ color **57.6371, 65.3778, 97.5771** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.2204, 60.6316, 43.9174**, and the grayscale version is **58.5911, 61.6424, 67.1285**.

A 20% lighter version of the original color is **83.9342, 94.2696, 108.3798**, and **29.1098, 33.6275, 54.2467** is the 20% darker color. If you saturate the color by 10%, you get **50.8429, 58.6927, 96.6460**, and if you desaturate by 10%, it is **65.5390, 72.8025, 98.5949**.

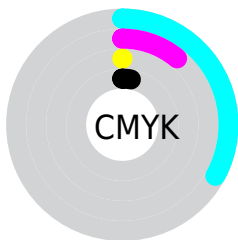
Distribution



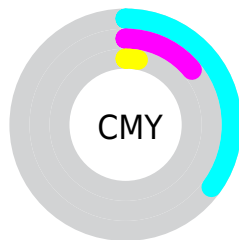
- Red (65%)
- Green (86%)
- Blue (97%)



- Red (65%)
- Yellow (78%)
- Blue (97%)



- Cyan (33%)
- Magenta (11%)
- Yellow (0%)
- Black (3%)



- Cyan (35%)
- Magenta (14%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6371, 65.3778, 97.5771 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 57.6371, 65.3778, 97.5771 by changing the saturation by 10% instead.

■ 57.6371, 65.3778,
97.5771

■ 57.6371, 65.3778,
97.5771

405.8080,
444.1484, 573.5765

■ 41.7591, 47.7675,
73.6731

■ 100.5202,
112.5928, 159.8463

■ 29.1030, 33.6428,
54.0313

■ 128.2560,
142.9664, 199.0485

■ 19.3034, 22.6193,
38.2334

160.6752,
178.3631, 244.1872

■ 11.9950, 14.3127,
25.8606

198.1430,
219.1674, 295.6809

■ 6.8125, 8.3385,
16.4946

241.0248,
265.7637, 353.9481

■ 3.3904, 4.3123,
9.7167

289.6860,

■ 1.3634, 1.8497,

318.5363, 419.4074

5.1084

344.4920,
377.8698, 492.4774

■ 0.2299, 0.5179,
2.2511

■ 0.0000, 0.0000,
0.7036

■ 57.6371, 65.3778,
97.5771

■ 57.6371, 65.3778,
97.5771

■ 50.8429, 58.6927,
96.6460

■ 65.5390, 72.8025,
98.5949

■ 45.0912, 52.7067,
95.7937

■ 74.5968, 80.9893,
99.6977

■ 40.3194, 47.3863,
95.0183

■ 84.8630, 89.9694,
100.8899

■ 36.4546, 42.6916,
94.3158

■ 93.0715, 98.0611,
102.0191

■ 33.4131, 38.5768,
93.6819

■ 93.7887, 99.4955,
102.2582

■ 31.0934, 34.9869,
93.1112

■ 29.8265, 32.7911,
92.7541

Harmonies

Analogous

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



54.3589, 65.3778, 85.9983



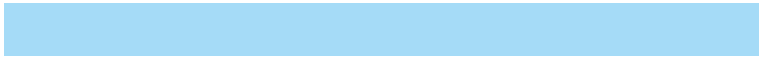
57.6371, 65.3778, 97.5771



62.2749, 65.3778, 101.8818

Triad

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



57.6371, 65.3778, 97.5771



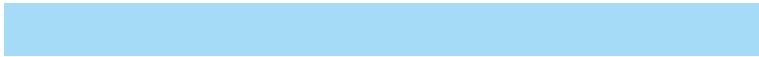
72.0943, 65.3778, 70.7989



57.4147, 65.3778, 50.3477

Complementary

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



57.6371, 65.3778, 97.5771



64.2204, 60.6316, 43.9174

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.



62.0046, 65.3778, 47.3715



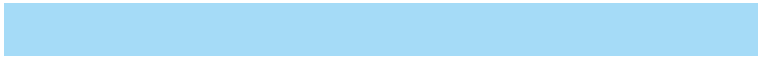
57.6371, 65.3778, 97.5771



70.6295, 65.3778, 58.1792

Square

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



57.6371, 65.3778, 97.5771



70.7768, 65.3778, 85.2401



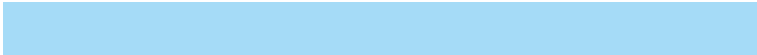
66.8708, 65.3778, 50.0410



54.2354, 65.3778, 58.7672

Rectangle

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



57.6371, 65.3778, 97.5771



65.5652, 65.3778, 99.6538



66.8708, 65.3778, 50.0410



58.8355, 65.3778, 48.7314

Sweetspot

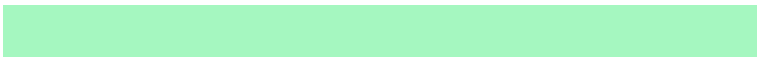
The Sweet Spot groups the original color and five complimentary colors.



57.6391, 65.3804, 97.5786



83.5679, 90.0505, 107.5847



58.3308, 78.3428, 62.1121



17.5645, 18.9902, 22.9897



0.0000, 0.0000, 0.0000



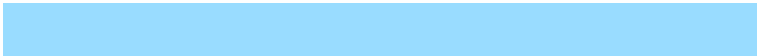
20.3446, 21.4041, 23.3091

Same Dimension

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



57.6391, 65.3804, 97.5786



56.8255, 65.2696, 104.2110



48.3606, 46.8233, 94.4858



16.4925, 17.7493, 21.0993



15.9112, 17.6161, 49.0997



1.4936, 1.7386, 4.3471

Inverse Universe

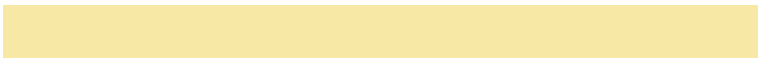
The Inverse Universe completely reimagines the original color for something new.



64.6008, 51.8007, 73.6143



65.5724, 49.2189, 73.8745



74.3840, 80.9589, 47.3053



16.9592, 16.6665, 19.5315



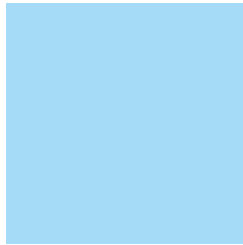
23.8357, 11.8777, 19.6412



2.1430, 1.0632, 1.9793

Previews

White Background



This preview shows how the XYZ color 57.6371, 65.3778, 97.5771 looks on a white background.

Color Contrast Check

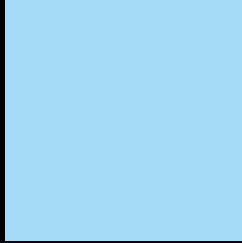
Large Text (above 18pt) WCAG AA × Fail

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 57.6371, 65.3778, 97.5771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

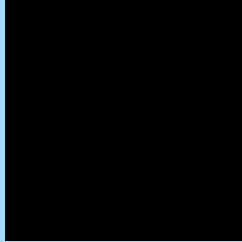
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.6371, 65.3778, 97.5771

Background



This preview shows how black text looks on a background with the XYZ color 57.6371, 65.3778, 97.5771.



This preview shows how white text looks on a background with the XYZ color 57.6371, 65.3778,

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

57.6371, 65.3778, 97.5771

Protanopia

63.9822, 65.0140, 91.6148

Deuteranopia

66.4780, 65.0418, 99.4930



Tritanopia

56.1301, 65.1460, 90.5050

Trichromacy



Original Color

57.6371, 65.3778, 97.5771

Protanomaly

61.4578, 65.1359, 94.1273

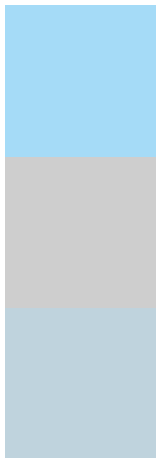
Deuteranomaly

62.8988, 65.0302, 98.8595

Tritanomaly

56.7802, 65.4298, 92.8557

Monochromacy



Original Color

57.6371, 65.3778, 97.5771

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.8313, 62.8854, 77.4967

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6371, 65.3778, 97.5771 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(165, 219, 247)` looks like.

```
.text, #text, p{  
    color:rgb(165, 219, 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(165, 219, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 219, 247) }
```

Border

The CSS property to change the border of an element to XYZ 57.6371, 65.3778, 97.5771 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(165, 219, 247) }
```


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

```
.border{ border-color:rgb(165, 219, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 219, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 219, 247); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 219, 247); box-shadow:4px 4px 4px 4px rgb(165, 219, 247) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6371, 65.3778, 97.5771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 219, 247) }
```

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

```
.background{ background-color: rgb(165,  
219, 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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