

Converting Colors

XYZ(57.0136, 65.3963, 98.4118)

Have a look what the booklet for
XYZ(57.0136, 65.3963, 98.4118)
contains.

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Color

**XYZ(57.0337, 65.4373,
98.4316)**

Conversions

Conversions Part 1

Format	Color
Hex	A0DCF8
RGB	160, 220, 248
RGB Percent	63%, 86%, 97%
CMY	0.3725, 0.1372, 0.0274
CMYK	0.35, 0.11, 0.00, 0.03
HSL	199°, 86%, 80%
HSV	199°, 35%, 97%
XYZ	57.0337, 65.4373, 98.4316
YIQ	205.2520, -44.7480, -4.0120

Conversions

Conversions Part 2

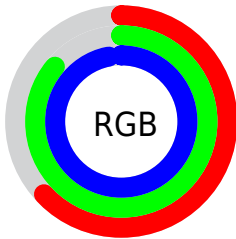
Format	Color
R _{YB}	160, 196, 248
Decimal	10542328
CIE _{Lab}	84.71, -12.36, -19.75
CIE _{LCh}	85, 23.297, 237.962
Yxy	65.4373, 0.2582, 0.2962
Android (android.graphics.Color)	4288732408 (0xFFA0DCF8)
YUV	205.2520, 21.0748, -39.6860
Hunter-Lab	80.8933, -15.7122, -15.5192

Details

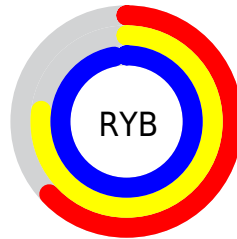
The XYZ color **57.0337, 65.4373, 98.4316** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **63.0409, 58.4620, 41.2212**, and the grayscale version is **58.0808, 61.1055, 66.5439**.

A 20% lighter version of the original color is **82.4253, 93.4917, 108.3092**, and **28.7953, 33.7193, 54.8600** is the 20% darker color. If you saturate the color by 10%, you get **50.5399, 59.0889, 97.5496**, and if you desaturate by 10%, it is **64.6182, 72.4961, 99.3955**.

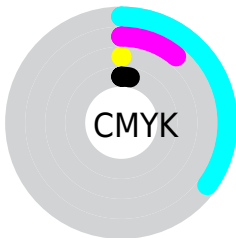
Distribution



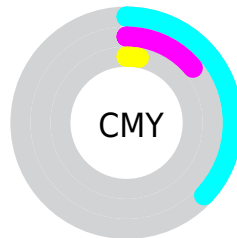
- Red (63%)
- Green (86%)
- Blue (97%)



- Red (63%)
- Yellow (77%)
- Blue (97%)



- Cyan (35%)
- Magenta (11%)
- Yellow (0%)
- Black (3%)



- Cyan (37%)
- Magenta (14%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0337, 65.4373, 98.4316 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 57.0337, 65.4373, 98.4316 by changing the saturation by 10% instead.

■ 57.0337, 65.4373,
98.4316

■ 57.0337, 65.4373,
98.4316

403.5877,
444.3618, 576.3561

■ 41.2725, 47.8158,
74.3818

■ 99.6454, 112.6783,
161.0332

■ 28.7207, 33.6810,
54.6079

■ 127.2267,
143.0666, 200.4221

■ 19.0129, 22.6486,
38.6914

159.4788,
178.4792, 245.7610

■ 11.7836, 14.3343,
26.2138

196.7669,
219.3006, 297.4686

■ 6.6677, 8.3535,
16.7564

239.4565,
265.9152, 355.9634

■ 3.2996, 4.3220,
9.9009

287.9130,

■ 1.3141, 1.8553,

318.7073, 421.6638

5.2285

342.5016,
378.0614, 494.9886

■ 0.1938, 0.5213,
2.3209

■ 0.0000, 0.0000,
0.7429

■ 57.0337, 65.4373,
98.4316

■ 57.0337, 65.4373,
98.4316

■ 50.5399, 59.0889,
97.5496

■ 64.6182, 72.4961,
99.3955

■ 45.0702, 53.4102,
96.7418

■ 73.3428, 80.2881,
100.4396

■ 40.5599, 48.3671,
96.0061

■ 83.2612, 88.8445,
101.5684

■ 36.9337, 43.9189,
95.3387

■ 92.8577, 97.3858,
102.7113

■ 34.1040, 40.0182,
94.7349

■ 93.9435, 99.5574,
103.0732

■ 31.9629, 36.6073,
94.1894

■ 31.1495, 35.1893,
93.9585

Harmonies

Analogous

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



53.7638, 65.4373, 85.5612



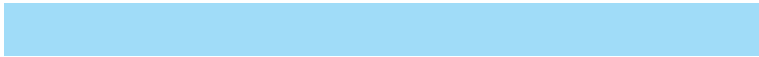
57.0337, 65.4373, 98.4316



61.8407, 65.4373, 103.9264

Triad

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



57.0337, 65.4373, 98.4316



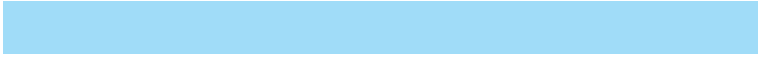
72.7503, 65.4373, 72.2749



57.6179, 65.4373, 48.8020

Complementary

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



57.0337, 65.4373, 98.4316



63.0409, 58.4620, 41.2212

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.



62.5530, 65.4373, 46.2601



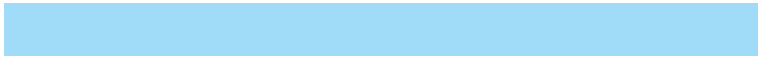
57.0337, 65.4373, 98.4316



71.4671, 65.4373, 58.6310

Square

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



57.0337, 65.4373, 98.4316



71.0771, 65.4373, 87.5727



67.6612, 65.4373, 49.5989



54.0877, 65.4373, 57.0933

Rectangle

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



57.0337, 65.4373, 98.4316



65.3358, 65.4373, 102.1621



67.6612, 65.4373, 49.5989



59.1588, 65.4373, 47.3023

Sweetspot

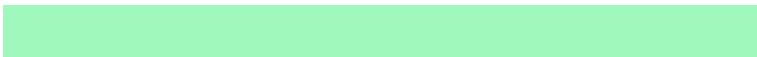
The Sweet Spot groups the original color and five complimentary colors.



57.0357, 65.4399, 98.4331



82.6915, 89.5003, 107.5247



57.1289, 78.2349, 59.5932



17.3969, 18.8948, 22.9801



0.0000, 0.0000, 0.0000



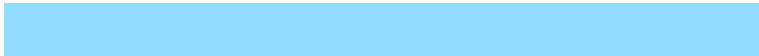
20.3446, 21.4041, 23.3091

Same Dimension

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



57.0357, 65.4399, 98.4331



55.4118, 64.5176, 104.1404



46.9937, 45.3558, 95.0858



17.2729, 18.6226, 22.0694



16.9587, 19.2729, 50.7998



1.6661, 1.9758, 4.7367

Inverse Universe

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



64.2022, 50.2672, 74.0316



64.3523, 46.7913, 73.4289



73.8770, 80.1342, 44.8332



17.7443, 17.4251, 20.5091



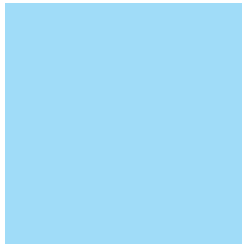
24.8520, 12.3565, 21.7268



2.3499, 1.1637, 2.2659

Previews

White Background



This preview shows how the XYZ color 57.0337, 65.4373, 98.4316 looks on a white background.

Color Contrast Check

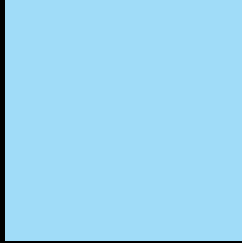
Large Text (above 18pt) WCAG AA × Fail

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 57.0337, 65.4373, 98.4316 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

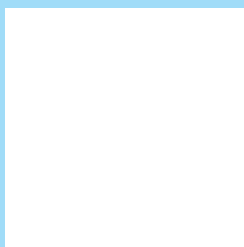
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.0337, 65.4373, 98.4316

Background



This preview shows how black text looks on a background with the XYZ color 57.0337, 65.4373, 98.4316.



This preview shows how white text looks on a background with the XYZ color 57.0337, 65.4373,

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

57.0337, 65.4373, 98.4316

Protanopia

63.8545, 64.9309, 92.3865

Deuteranopia

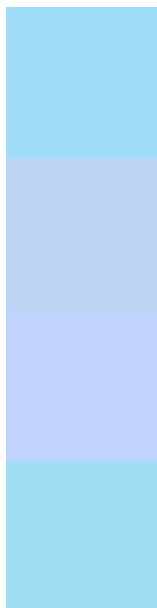
66.3479, 64.9565, 100.3077



Tritanopia

55.5370, 65.2140, 91.3218

Trichromacy



Original Color

57.0337, 65.4373, 98.4316

Protanomaly

61.1096, 64.9390, 94.9016

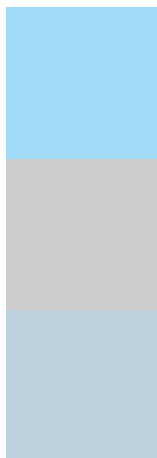
Deuteranomaly

62.2878, 64.6971, 99.6474

Tritanomaly

56.1815, 65.4946, 93.6850

Monochromacy



Original Color

57.0337, 65.4373, 98.4316

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.0840, 62.1325, 77.3907

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0337, 65.4373, 98.4316 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(160, 220, 248)` looks like.

```
.text, #text, p{  
    color:rgb(160, 220, 248)  
}
```

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(160, 220, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 220, 248) }
```

Border

The CSS property to change the border of an element to XYZ 57.0337, 65.4373, 98.4316 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(160, 220, 248) }
```


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

```
.border{ border-color:rgb(160, 220, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 220, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 220, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 220, 248);  
box-shadow:4px 4px 4px 4px rgb(160, 220,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0337, 65.4373, 98.4316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 220, 248) }
```

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

```
.background{ background-color: rgb(160,  
220, 248) }
```

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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