

Converting Colors

XYZ(57.3542, 65.3061, 89.6022)

Have a look what the booklet for
XYZ(57.3542, 65.3061, 89.6022)
contains.

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Color

**XYZ(57.4122, 65.4354,
89.7251)**

Conversions

Conversions Part 1

Format	Color
Hex	ABDBED
RGB	171, 219, 237
RGB Percent	67%, 86%, 93%
CMY	0.3294, 0.1412, 0.0706
CMYK	0.28, 0.08, 0.00, 0.07
HSL	196°, 65%, 80%
HSV	196°, 28%, 93%
XYZ	57.4122, 65.4354, 89.7251
YIQ	206.7000, -34.3860, -4.5780

Conversions

Conversions Part 2

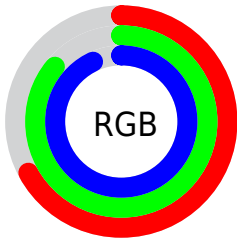
Format	Color
R _{YB}	171, 199, 237
Decimal	11262957
CIE _{Lab}	84.71, -11.42, -13.87
CIE _{LCh}	85, 17.970, 230.528
Y _{xy}	65.4354, 0.2701, 0.3078
Android (android.graphics.Color)	4289453037 (0xFFABDBED)
YUV	206.7000, 14.9379, -31.3089
Hunter-Lab	80.8922, -14.8731, -9.1396

Details

The XYZ color **57.4122, 65.4354, 89.7251** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **60.4742, 57.3406, 46.4102**, and the grayscale version is **59.0396, 62.1143, 67.6425**.

A 20% lighter version of the original color is **85.8049, 95.2340, 108.4673**, and **28.9521, 33.6690, 48.6889** is the 20% darker color. If you saturate the color by 10%, you get **51.0524, 59.7037, 88.9551**, and if you desaturate by 10%, it is **64.7670, 71.7804, 90.5633**.

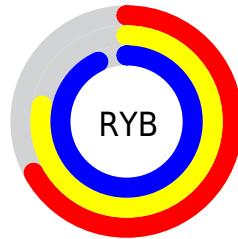
Distribution



Red (67%)

Green (86%)

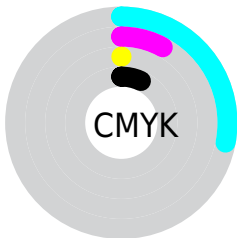
Blue (93%)



Red (67%)

Yellow (78%)

Blue (93%)

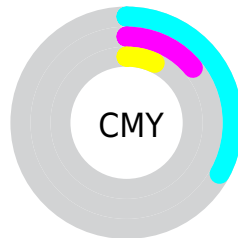


Cyan (28%)

Magenta (8%)

Yellow (0%)

Black (7%)



Cyan (33%)

Magenta (14%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4122, 65.4354, 89.7251 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 57.4122, 65.4354, 89.7251 by changing the saturation by 10% instead.

■ 57.4122, 65.4354,
89.7251

■ 57.4122, 65.4354,
89.7251

404.9813,
444.3550, 547.6832

■ 41.5777, 47.8142,
67.1802

■ 100.1943,
112.6756, 148.8887

■ 28.9604, 33.6798,
48.7686

127.8726,
143.0634, 186.3445

■ 19.1950, 22.6477,
34.0716

160.2295,
178.4755, 229.6076

■ 11.9161, 14.3336,
22.6708

197.6305,
219.2964, 279.0967

■ 6.7584, 8.3531,
14.1476

240.4408,
265.9104, 335.2303

■ 3.3564, 4.3217,
8.0835

289.0258,

■ 1.3449, 1.8551,

318.7019, 398.4269

4.0599

343.7508,
378.0553, 469.1050

■ 0.2165, 0.5212,
1.6583

■ 0.0000, 0.0000,
0.3319

■ 57.4122, 65.4354,
89.7251

■ 57.4122, 65.4354,
89.7251

■ 51.0524, 59.7037,
88.9551

■ 64.7670, 71.7804,
90.5633

■ 45.6314, 54.5505,
88.2461

■ 73.1574, 78.7560,
91.4675

■ 41.0964, 49.9490,
87.5970

■ 82.6288, 86.3881,
92.4414

■ 37.3866, 45.8668,
87.0045

■ 89.1350, 92.5920,
93.2960

■ 34.4331, 42.2672,
86.4654

■ 91.1230, 96.5680,
93.9586

■ 32.1545, 39.1071,
85.9756

■ 92.2863, 98.8945,
94.3464

■ 30.4407, 36.3285,
85.5296

■ 30.1099, 35.7617,
85.4376

Harmonies

Analogous

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



55.2375, 65.4354, 79.2903



57.4122, 65.4354, 89.7251



60.9319, 65.4354, 95.3713

Triad

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



57.4122, 65.4354, 89.7251



70.1286, 65.4354, 74.9508



59.5249, 65.4354, 52.4743

Complementary

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



57.4122, 65.4354, 89.7251



60.4742, 57.3406, 46.4102

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.



63.4742, 65.4354, 51.5797



57.4122, 65.4354, 89.7251



69.7122, 65.4354, 63.7688

Square

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



57.4122, 65.4354, 89.7251



68.3496, 65.4354, 86.2562



67.2350, 65.4354, 55.4995



56.4203, 65.4354, 58.0903

Rectangle

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



57.4122, 65.4354, 89.7251



63.6164, 65.4354, 95.2853



67.2350, 65.4354, 55.4995



60.7937, 65.4354, 51.6369

Sweetspot

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



57.4142, 65.4380, 89.7266



86.1900, 92.8360, 107.9842



56.2221, 72.8844, 59.0232



18.1114, 19.5944, 23.0775



0.0000, 0.0000, 0.0000



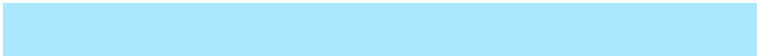
20.3446, 21.4041, 23.3091

Same Dimension

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



57.4142, 65.4380, 89.7266



63.6834, 73.6041, 105.4583



49.7255, 50.0606, 87.1637



15.1502, 16.3868, 19.2867



16.5534, 19.7538, 46.6834



1.3791, 1.7097, 3.6922

Inverse Universe

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



62.2758, 52.2465, 73.8230



70.3476, 56.1584, 83.5153



68.2922, 72.9765, 49.0162



15.5294, 15.2396, 18.0729



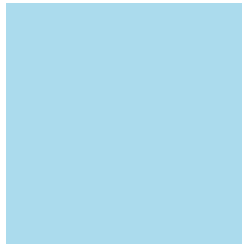
23.2107, 11.4870, 22.7087



1.8626, 0.9180, 1.9939

Previews

White Background



This preview shows how the XYZ color 57.4122, 65.4354, 89.7251 looks on a white background.

Color Contrast Check

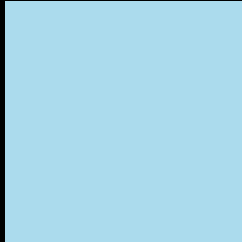
Large Text (above 18pt) WCAG AA × Fail

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 57.4122, 65.4354, 89.7251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

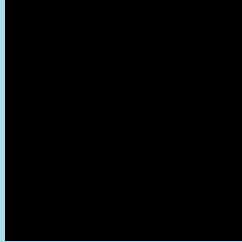
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.4122, 65.4354, 89.7251

Background



This preview shows how black text looks on a background with the XYZ color 57.4122, 65.4354, 89.7251.

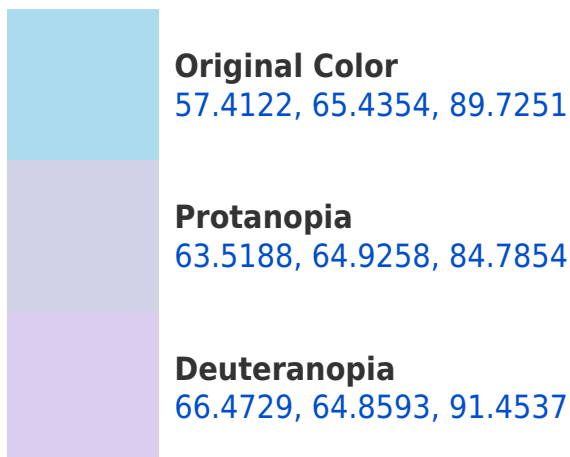


This preview shows how white text looks on a background with the XYZ color 57.4122, 65.4354,

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





Tritanopia

57.4122, 65.4354, 89.7251

Trichromacy



Original Color

57.4122, 65.4354, 89.7251

Protanomaly

61.0079, 65.0738, 86.4358

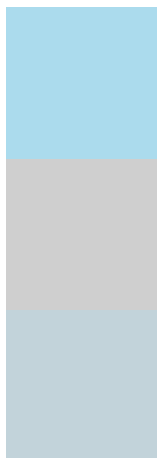
Deuteranomaly

62.7140, 64.7427, 90.8526

Tritanomaly

57.4122, 65.4354, 89.7251

Monochromacy



Original Color

57.4122, 65.4354, 89.7251

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.1973, 63.1198, 75.4457

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4122, 65.4354, 89.7251 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(171, 219, 237)` looks like.

```
.text, #text, p{  
    color:rgb(171, 219, 237)  
}
```

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(171, 219, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 219, 237) }
```

Border

The CSS property to change the border of an element to XYZ 57.4122, 65.4354, 89.7251 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(171, 219, 237) }
```


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

```
.border{ border-color:rgb(171, 219, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 219, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 219, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 219, 237);  
box-shadow:4px 4px 4px 4px rgb(171, 219,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4122, 65.4354, 89.7251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 219, 237) }
```

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

```
.background{ background-color: rgb(171,  
219, 237) }
```

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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