

Converting Colors

XYZ(57.7740, 63.9823, 91.5145)

Have a look what the booklet for
XYZ(57.7740, 63.9823, 91.5145)
contains.

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Color

**XYZ(57.9331, 64.1223,
91.7615)**

Conversions

Conversions Part 1

Format	Color
Hex	B0D7F0
RGB	176, 215, 240
RGB Percent	69%, 84%, 94%
CMY	0.3098, 0.1568, 0.0588
CMYK	0.27, 0.10, 0.00, 0.06
HSL	203°, 68%, 82%
HSV	203°, 27%, 94%
XYZ	57.9331, 64.1223, 91.7615
YIQ	206.1890, -31.2690, -0.4930

Conversions

Conversions Part 2

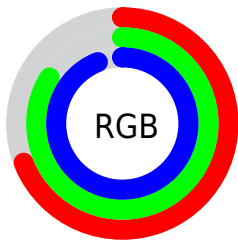
Format	Color
R _Y B	176, 200, 240
Decimal	11589616
CIE Lab	84.03, -7.23, -16.45
CIE LCh	84, 17.966, 246.284
Yxy	64.1223, 0.2709, 0.2999
Android (android.graphics.Color)	4289779696 (0xFFB0D7F0)
YUV	206.1890, 16.6688, -26.4758
Hunter-Lab	80.0764, -10.9938, -11.8884

Details

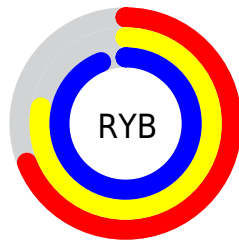
The XYZ color **57.9331, 64.1223, 91.7615** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.6590, 63.4334, 49.9117**, and the grayscale version is **58.6998, 61.7567, 67.2531**.

A 20% lighter version of the original color is **87.4143, 96.0636, 108.5427**, and **29.2486, 32.7399, 50.1253** is the 20% darker color. If you saturate the color by 10%, you get **50.6602, 56.9318, 90.7580**, and if you desaturate by 10%, it is **66.3061, 72.0861, 92.8584**.

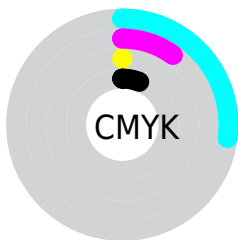
Distribution



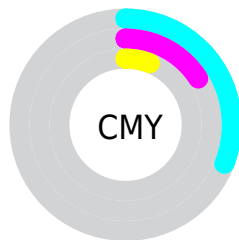
- Red (69%)
- Green (84%)
- Blue (94%)



- Red (69%)
- Yellow (78%)
- Blue (94%)



- Cyan (27%)
- Magenta (10%)
- Yellow (0%)
- Black (6%)



- Cyan (31%)
- Magenta (16%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9331, 64.1223, 91.7615 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 57.9331, 64.1223, 91.7615 by changing the saturation by 10% instead.

■ 57.9331, 64.1223,
91.7615

■ 57.9331, 64.1223,
91.7615

406.8945,
439.6312, 554.4617

■ 41.9979, 46.7497,
68.8606

■ 100.9490,
110.7870, 151.7396

■ 29.2908, 32.8379,
50.1272

128.7603,
140.8480, 189.6539

■ 19.4463, 22.0023,
35.1426

161.2612,
175.9073, 233.4098

■ 12.0991, 13.8586,
23.4883

198.8168,
216.3492, 283.4258

■ 6.8839, 8.0224,
14.7458

241.7926,
262.5581, 340.1205

■ 3.4353, 4.1093,
8.4965

290.5539,

■ 1.3879, 1.7349,

314.9185, 403.9123

4.3220

345.4661,
373.8147, 475.2199

■ 0.2476, 0.4461,
1.8036

■ 0.0000, 0.0000,
0.4303

■ 57.9331, 64.1223,
91.7615

■ 57.9331, 64.1223,
91.7615

■ 50.6602, 56.9318,
90.7580

■ 66.3061, 72.0861,
92.8584

■ 44.4286, 50.4762,
89.8404

■ 75.8223, 80.8440,
94.0473

■ 39.1829, 44.7251,
89.0068

■ 86.5295, 90.4255,
95.3324

■ 34.8595, 39.6422,
88.2535

■ 91.9363, 97.4872,
96.4105

■ 31.3867, 35.1868,
87.5766

■ 92.7284, 99.0714,
96.6745

■ 28.6809, 31.3121,
86.9713

■ 26.6370, 27.9600,
86.4320

■ 26.0474, 26.9293,
86.2642

Harmonies

Analogous

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



55.0088, 64.1223, 83.5436



57.9331, 64.1223, 91.7615



61.7841, 64.1223, 93.8304

Triad

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



57.9331, 64.1223, 91.7615



68.8374, 64.1223, 67.4569



56.5478, 64.1223, 53.6652

Complementary

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



57.9331, 64.1223, 91.7615



64.6590, 63.4334, 49.9117

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.



60.1161, 64.1223, 50.2978



57.9331, 64.1223, 91.7615



67.2964, 64.1223, 57.6851

Square

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



57.9331, 64.1223, 91.7615



68.1913, 64.1223, 78.9670



64.0623, 64.1223, 51.6858



54.2336, 64.1223, 61.4049

Rectangle

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



57.9331, 64.1223, 91.7615



64.3828, 64.1223, 91.2664



64.0623, 64.1223, 51.6858



57.6344, 64.1223, 52.0249

Sweetspot

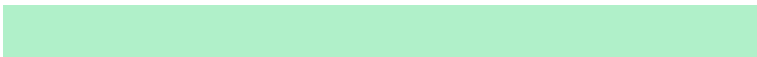
The Sweet Spot groups the original color and five complimentary colors.



57.9351, 64.1249, 91.7630



85.4496, 91.3553, 107.7374



59.5537, 75.7466, 66.4541



17.9244, 19.2204, 23.0151



0.0000, 0.0000, 0.0000



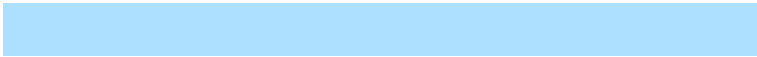
20.3446, 21.4041, 23.3091

Same Dimension

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



57.9351, 64.1249, 91.7630



61.7941, 68.9937, 104.6680



50.6640, 49.5827, 89.3393



15.6990, 16.8321, 20.1431



14.3917, 15.0076, 47.2661



1.2937, 1.4413, 3.9642

Inverse Universe

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



63.7278, 54.4838, 71.4505



69.5969, 56.6354, 77.1662



72.7798, 79.6750, 52.6187



16.1775, 15.9207, 18.4910



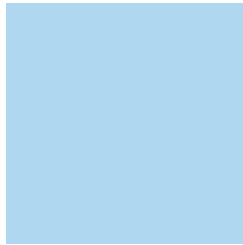
22.5899, 11.3084, 16.2887



1.9279, 0.9602, 1.6114

Previews

White Background



This preview shows how the XYZ color 57.9331, 64.1223, 91.7615 looks on a white background.

Color Contrast Check

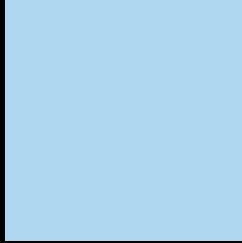
Large Text (above 18pt) WCAG AA × Fail

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 57.9331, 64.1223, 91.7615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

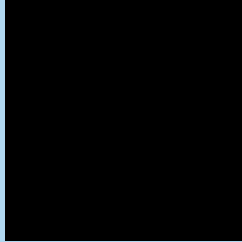
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

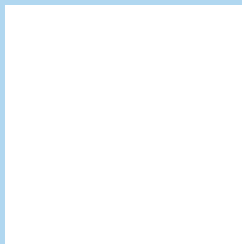
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.9331, 64.1223, 91.7615

Background



This preview shows how black text looks on a background with the XYZ color 57.9331, 64.1223, 91.7615.



This preview shows how white text looks on a background with the XYZ color 57.9331, 64.1223,

91.7615.

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

57.9331, 64.1223, 91.7615

Protanopia

62.7281, 64.0890, 87.6616

Deuteranopia

65.0605, 63.7427, 92.8789



Tritanopia

56.9430, 64.1089, 86.4638

Trichromacy



Original Color

57.9331, 64.1223, 91.7615

Protanomaly

60.8285, 64.1723, 89.3013

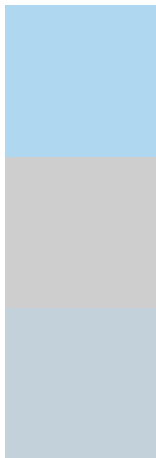
Deuteranomaly

62.2525, 63.7420, 92.2415

Tritanomaly

57.3754, 64.2818, 88.7405

Monochromacy



Original Color

57.9331, 64.1223, 91.7615

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.9610, 62.2650, 75.2931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9331, 64.1223, 91.7615 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(176, 215, 240)` looks like.

```
.text, #text, p{  
    color:rgb(176, 215, 240)  
}
```

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(176, 215, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 215, 240) }
```

Border

The CSS property to change the border of an element to XYZ 57.9331, 64.1223, 91.7615 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(176, 215, 240) }
```


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

```
.border{ border-color:rgb(176, 215, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 215, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 215, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 215, 240);  
box-shadow:4px 4px 4px 4px rgb(176, 215,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9331, 64.1223, 91.7615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 215, 240) }
```

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

```
.background{ background-color: rgb(176,  
215, 240) }
```

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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