

Converting Colors

XYZ(57.2441, 67.9077, 99.7129)

Have a look what the booklet for
XYZ(57.2441, 67.9077, 99.7129)
contains.

XYZ(57.2441, 67.9077, 99.7129)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.2441, 67.9077,
99.7129)**

Conversions

Conversions Part 1

Format	Color
Hex	98E2F9
RGB	152, 226, 249
RGB Percent	60%, 89%, 98%
CMY	0.4039, 0.1137, 0.0235
CMYK	0.39, 0.09, 0.00, 0.02
HSL	194°, 89%, 79%
HSV	194°, 39%, 98%
XYZ	57.2441, 67.9077, 99.7129
YIQ	206.4960, -51.4870, -8.5350

Conversions

Conversions Part 2

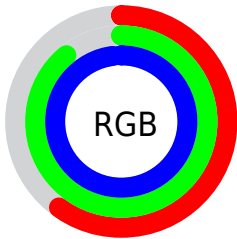
Format	Color
R _Y B	152, 194, 249
Decimal	10019577
CIE Lab	85.96, -17.24, -18.43
CIE LCh	86, 25.231, 226.912
Yxy	67.9077, 0.2546, 0.3020
Android (android.graphics.Color)	4288209657 (0xFF98E2F9)
YUV	206.4960, 20.9545, -47.7930
Hunter-Lab	82.4061, -20.2142, -14.0577

Details

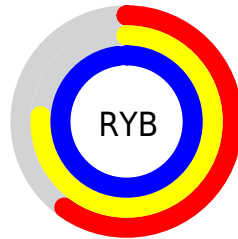
The XYZ color **57.2441, 67.9077, 99.7129** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **60.0655, 53.0676, 36.7847**, and the grayscale version is **58.8793, 61.9456, 67.4587**.

A 20% lighter version of the original color is **80.1045, 92.2953, 108.2006**, and **29.0124, 35.4629, 55.7680** is the 20% darker color. If you saturate the color by 10%, you get **51.4865, 62.5988, 98.9928**, and if you desaturate by 10%, it is **64.0394, 73.8368, 100.5004**.

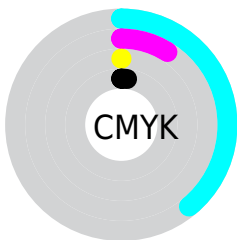
Distribution



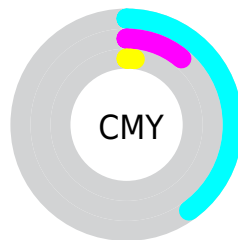
- Red (60%)
- Green (89%)
- Blue (98%)



- Red (60%)
- Yellow (76%)
- Blue (98%)



- Cyan (39%)
- Magenta (9%)
- Yellow (0%)
- Black (2%)



- Cyan (40%)
- Magenta (11%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.2441, 67.9077, 99.7129 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 57.2441, 67.9077, 99.7129 by changing the saturation by 10% instead.

57.2441, 67.9077,
99.7129

57.2441, 67.9077,
99.7129

404.3628,
453.1689, 580.5106

41.4422, 49.8226,
75.4452

99.9506, 116.2201,
162.8110

28.8539, 35.2725,
55.4738

127.5858,
147.2162, 202.4786

19.1141, 23.8729,
39.3800

159.8962,
183.2848, 248.1165

11.8572, 15.2393,
26.7454

197.2471,
224.8103, 300.1433

6.7180, 8.9875,
17.1514

240.0038,
272.1771, 358.9776

3.3312, 4.7330,
10.1794

288.5318,

1.3312, 2.0915,

325.7695, 425.0379

5.4109

343.1963,
385.9720, 498.7427

■ 0.2064, 0.6598,
2.4274

■ 0.0000, 0.0000,
0.8013

■ 57.2441, 67.9077,
99.7129

■ 57.2441, 67.9077,
99.7129

■ 51.4865, 62.5988,
98.9928

■ 64.0394, 73.8368,
100.5004

■ 46.6981, 57.8692,
98.3323

■ 71.9229, 80.4082,
101.3533

■ 42.8116, 53.6849,
97.7295

■ 80.9495, 87.6525,
102.2758

■ 39.7482, 50.0046,
97.1806

■ 91.1681, 95.5957,
103.2704

■ 37.4142, 46.7790,
96.6810

■ 94.0991, 99.6196,
103.8926

■ 35.6715, 43.9361,
96.2241

■ 35.5050, 43.6514,
96.1779

Harmonies

Analogous

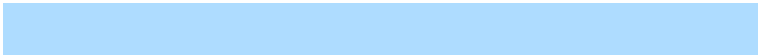
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.4818, 67.9077, 83.5933



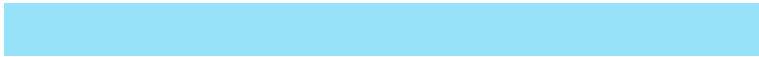
57.2441, 67.9077, 99.7129



62.0594, 67.9077, 109.4873

Triad

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



57.2441, 67.9077, 99.7129



75.9888, 67.9077, 81.3865



61.3642, 67.9077, 47.4709

Complementary

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



57.2441, 67.9077, 99.7129



60.0655, 53.0676, 36.7847

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.



67.0945, 67.9077, 47.0630



57.2441, 67.9077, 99.7129



75.7750, 67.9077, 65.0599

Square

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



57.2441, 67.9077, 99.7129



73.0079, 67.9077, 97.8909



72.4400, 67.9077, 53.0412



56.7614, 67.9077, 54.2538

Rectangle

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



57.2441, 67.9077, 99.7129



65.8912, 67.9077, 110.2630



72.4400, 67.9077, 53.0412



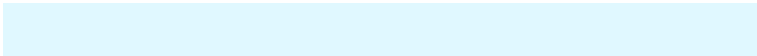
63.2157, 67.9077, 46.6235

Sweetspot

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



57.2462, 67.9103, 99.7145



82.4036, 90.1094, 107.6575



54.5280, 77.5089, 52.4574



17.3666, 19.0704, 23.0156



0.0000, 0.0000, 0.0000



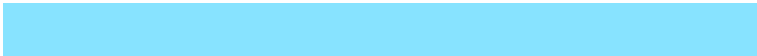
20.3446, 21.4041, 23.3091

Same Dimension

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



57.2462, 67.9103, 99.7145



55.4214, 67.0945, 104.6373



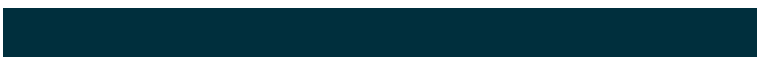
45.9433, 45.3045, 95.9468



17.3966, 18.8701, 22.1107



19.1201, 23.5957, 51.5202



1.8519, 2.3474, 4.7987

Inverse Universe

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



64.0243, 48.0890, 77.8621



63.7328, 44.1530, 77.5360



71.1591, 75.2549, 40.4826



17.8067, 17.4501, 20.8380



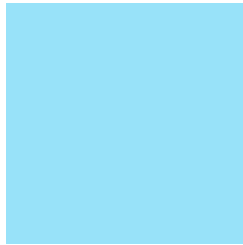
25.9430, 12.7929, 27.4717



2.4437, 1.2012, 2.7597

Previews

White Background



This preview shows how the XYZ color 57.2441, 67.9077, 99.7129 looks on a white background.

Color Contrast Check

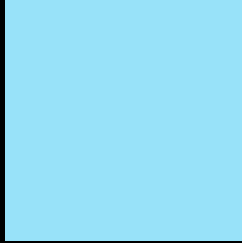
Large Text (above 18pt) WCAG AA × Fail

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 57.2441, 67.9077, 99.7129 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 57.2441, 67.9077, 99.7129

Background



This preview shows how black text looks on a background with the XYZ color 57.2441, 67.9077, 99.7129.

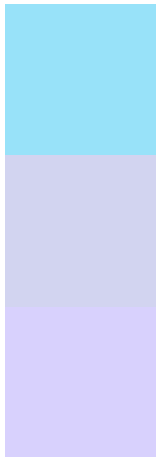


This preview shows how white text looks on a background with the XYZ color 57.2441, 67.9077,

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

57.2441, 67.9077, 99.7129

Protanopia

65.8500, 67.0799, 91.9151

Deuteranopia

68.8490, 67.2917, 102.2884



Tritanopia

56.7130, 68.1101, 96.5437

Trichromacy



Original Color

57.2441, 67.9077, 99.7129

Protanomaly

61.9768, 66.9156, 94.4435

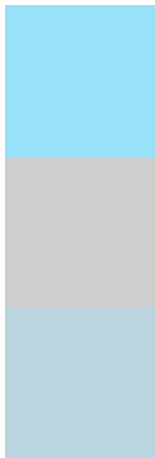
Deuteranomaly

63.8634, 66.9666, 101.6553

Tritanomaly

56.8661, 68.1713, 97.3500

Monochromacy



Original Color

57.2441, 67.9077, 99.7129

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.2288, 63.3015, 78.3094

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2441, 67.9077, 99.7129 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(152, 226, 249)` looks like.

```
.text, #text, p{  
    color:rgb(152, 226, 249)  
}
```

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(152, 226, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 226, 249) }
```

Border

The CSS property to change the border of an element to XYZ 57.2441, 67.9077, 99.7129 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(152, 226, 249) }
```


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

```
.border{ border-color:rgb(152, 226, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 226, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 226, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 226, 249);  
box-shadow:4px 4px 4px 4px rgb(152, 226,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2441, 67.9077, 99.7129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 226, 249) }
```

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

```
.background{ background-color: rgb(152,  
226, 249) }
```

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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