Converting Colors

XYZ(63.1859, 79.0793, 101.1254)

Have a look what the booklet for XYZ(63.1859, 79.0793, 101.1254) contains.

Color

XYZ(63.1133, 79.0507, 100.7388)

Conversions

Conversions Part 1

Format	Color
Hex	9BF5F8
RGB	155, 245, 248
RGB Percent	61%, 96%, 97%
CMY	0.3921, 0.0392, 0.0274
CMYK	0.37, 0.01, 0.00, 0.03
HSL	182°, 87%, 79%
HSV	182°, 37%, 97%
XYZ	63.1133, 79.0507, 100.7388
YIQ	218.4320, -54.6030, -18.1470

Conversions

Conversions Part 2

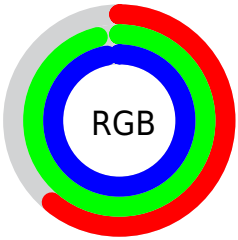
Format	Color
RYB	155, 201, 248
Decimal	10221048
CIELab	91.26, -26.10, -9.96
CIELCh	91, 27.938, 200.880
Yxy	79.0507, 0.2598, 0.3254
Android (android.graphics.Color)	4288411128 (0xFF9BF5F8)
YUV	218.4320, 14.5770, -55.6299
Hunter-Lab	88.9105, -28.8847, -4.9404

Details

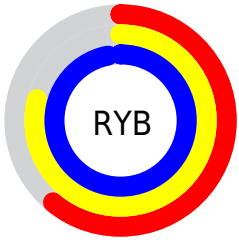
The XYZ color 63.1133, 79.0507, 100.7388 is a light color, and the websafe version is hex 99FFFF. A complement of this color would be 56.8559, 46.7778, 37.0447, and the grayscale version is 66.8702, 70.3527, 76.6141.

A 20% lighter version of the original color is 81.2506, 92.8861, 108.2542, and 32.5347, 42.3689, 56.3324 is the 20% darker color. If you saturate the color by 10%, you get 58.5932, 76.3642, 100.4598, and if you desaturate by 10%, it is 68.6165, 82.2494, 101.0675.

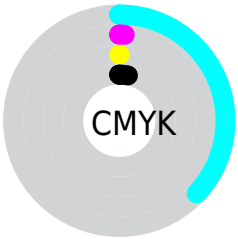
Distribution



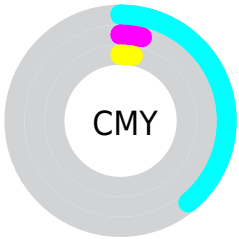
- Red (61%)
- Green (96%)
- Blue (97%)



- Red (61%)
- Yellow (79%)
- Blue (97%)



- Cyan (37%)
- Magenta (1%)
- Yellow (0%)
- Black (3%)



- Cyan (39%)
- Magenta (4%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.1133, 79.0507, 100.7388 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 63.1133, 79.0507, 100.7388 by changing the saturation by 10% instead.

63.1133, 79.0507, 100.7388

63.1133, 79.0507, 100.7388

425.6337, 491.7278, 583.8256

46.1919, 58.9375, 76.2974

108.4138, 132.0302, 164.2328

32.6025, 42.5628, 56.1683

137.5237, 165.6654, 204.1225

21.9799, 29.5422, 39.9329

171.4270, 204.5766, 249.9986

13.9586, 19.4914, 27.1729

210.4892, 249.1483, 302.2798

8.1734, 12.0259, 17.4695

255.0756, 299.7648, 361.3846

4.2589, 6.7613, 10.4043

305.5516,

1.8496, 3.3133,

356.8107, 427.7314

362.2825, 420.6702, 501.7389

5.5588

0.5473, 1.2974, 2.5143

0.0000, 0.1392, 0.8477

63.1133, 79.0507, 100.7388

63.1133, 79.0507, 100.7388

58.5932, 76.3642, 100.4598

68.6165, 82.2494, 101.0675

54.9889, 74.1494, 100.2223

75.1509, 85.9793, 101.4431

52.2359, 72.3751, 100.0249

82.7699, 90.2699, 101.8697

50.2582, 71.0019, 99.8641

91.5211, 95.1458, 102.3496

48.9663, 69.9839, 99.7357

48.2426, 69.2604, 99.6342

48.1061, 69.1025, 99.6109

92.0595, 95.7893, 102.4454

92.3071, 96.2845, 102.5279

92.5557, 96.7818, 102.6108

92.8054, 97.2812, 102.6941

93.0562, 97.7828, 102.7776

Harmonies

Analogous

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

62.4724, 79.0507, 80.0361

63.1133, 79.0507, 100.7388

66.8643, 79.0507, 120.0247

Triad

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

63.1133, 79.0507, 100.7388

86.2065, 79.0507, 113.1078

77.3152, 79.0507, 53.0147

Complementary

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

63.1133, 79.0507, 100.7388

56.8559, 46.7778, 37.0447

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.

84.0618, 79.0507, 59.2158

63.1133, 79.0507, 100.7388

89.4032, 79.0507, 92.4056

Square

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

63.1133, 79.0507, 100.7388

80.0955, 79.0507, 127.9095

88.5946, 79.0507, 72.9041

70.3843, 79.0507, 54.5263

Rectangle

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

63.1133, 79.0507, 100.7388

70.7613, 79.0507, 128.4437

88.5946, 79.0507, 72.9041

79.6860, 79.0507, 54.2247

Sweetspot

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

63.1156, 79.0538, 100.7406

85.1850, 94.4873, 108.3559

53.1341, 76.5239, 43.6693

17.9945, 20.0899, 23.1793

0.0000, 0.0000, 0.0000

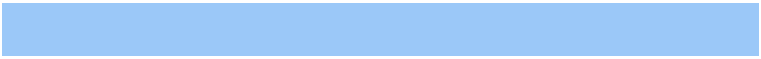
20.3446, 21.4041, 23.3091

Same Dimension

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

63.1156, 79.0538, 100.7406

63.4989, 82.0001, 107.0886



51.1054, 55.0332, 96.7372

17.7150, 19.5069, 22.2168

26.0076, 37.3707, 53.8161

2.4234, 3.4904, 4.9892

Inverse Universe

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

66.9161, 49.9937, 92.5125

68.1148, 47.0734, 97.0122

65.9972, 65.0604, 40.0918

17.9675, 17.5143, 21.6844

29.4195, 14.1835, 45.7787

2.7321, 1.3166, 4.2788

Previews

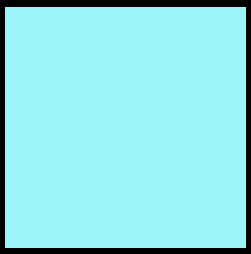
White Background

This preview shows how the XYZ color 63.1133, 79.0507, 100.7388 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



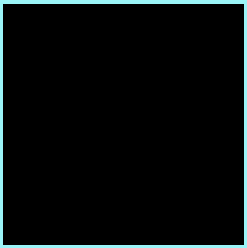
This preview shows how the XYZ color 63.1133, 79.0507, 100.7388 looks on a black background.

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 63.1133, 79.0507, 100.7388 Background



This preview shows how black text looks on a background with the XYZ color 63.1133, 79.0507, 100.7388.

This preview shows how white text looks on a background with the XYZ color 63.1133, 79.0507,

100.7388.

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
63.1133, 79.0507, 100.7388

Protanopia
75.6626, 78.4242, 91.2703

Deuteranopia
80.0525, 78.3925, 103.8405

Tritanopia
67.5702, 79.0052, 106.2959

Trichromacy

Original Color
63.1133, 79.0507, 100.7388

Protanomaly
69.9286, 77.8930, 94.5683

Deuteranomaly
72.2830, 77.6722, 102.4493

Tritanomaly
65.9004, 79.0786, 103.8858

Monochromacy

Original Color
63.1133, 79.0507, 100.7388

Achromatopsia
66.6397, 70.1102, 76.3500

Achromatomaly
64.3919, 72.7460, 84.7763

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.1133, 79.0507, 100.7388 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(155, 245, 248) looks like.

```
.text, #text, p{
    color:rgb(155, 245, 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(155, 245, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 245, 248) }
```

Border

The CSS property to change the border of an element to XYZ 63.1133, 79.0507, 100.7388 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(155, 245, 248) }
```

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

```
.border{ border-color:rgb(155, 245, 248) }
```

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

Here you see how a box with a 4 pixel rgb(155, 245, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 245, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 245, 248); box-shadow:4px 4px 4px 4px rgb(155, 245, 248) }
```

Background

The CSS property to change the background color of an element to XYZ 63.1133, 79.0507, 100.7388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(155, 245, 248) }
```

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

```
.background{ background-color:rgb(155,
245, 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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