

Converting Colors

XYZ(63.8124, 79.5783, 96.8403)

Have a look what the booklet for
XYZ(63.8124, 79.5783, 96.8403)
contains.

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Color

**XYZ(63.7304, 79.4573,
96.7719)**

Conversions

Conversions Part 1

Format	Color
Hex	A2F5F3
RGB	162, 245, 243
RGB Percent	64%, 96%, 95%
CMY	0.3647, 0.0392, 0.0471
CMYK	0.34, 0.00, 0.01, 0.04
HSL	179°, 81%, 80%
HSV	179°, 34%, 96%
XYZ	63.7304, 79.4573, 96.7719
YIQ	219.9550, -48.8260, -18.2180

Conversions

Conversions Part 2

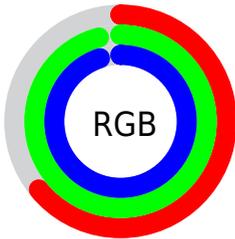
Format	Color
R _{YB}	162, 204, 245
Decimal	10679795
CIE Lab	91.44, -25.48, -7.05
CIE LCh	91, 26.435, 195.464
Yxy	79.4573, 0.2656, 0.3311
Android (android.graphics.Color)	4288869875 (0xFFA2F5F3)
YUV	219.9550, 11.3612, -50.8265
Hunter-Lab	89.1388, -28.3732, -1.9699

Details

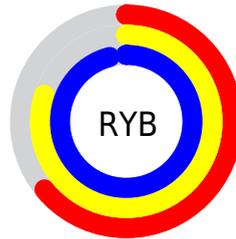
The XYZ color **63.7304, 79.4573, 96.7719** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **57.2802, 47.9358, 41.3586**, and the grayscale version is **67.9457, 71.4842, 77.8463**.

A 20% lighter version of the original color is **83.3252, 93.9556, 108.3513**, and **33.1111, 43.0472, 53.5775** is the 20% darker color. If you saturate the color by 10%, you get **59.1418, 77.1040, 96.0935**, and if you desaturate by 10%, it is **69.2935, 82.3168, 97.5008**.

Distribution



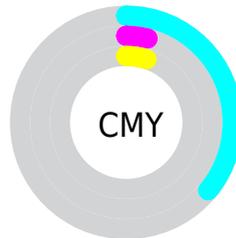
- Red (64%)
- Green (96%)
- Blue (95%)



- Red (64%)
- Yellow (80%)
- Blue (96%)



- Cyan (34%)
- Magenta (0%)
- Yellow (1%)
- Black (4%)



- Cyan (36%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.7304, 79.4573, 96.7719 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 63.7304, 79.4573, 96.7719 by changing the saturation by 10% instead.

63.7304, 79.4573,
96.7719

63.7304, 79.4573,
96.7719

427.8331,
493.1020, 570.9507

46.6932, 59.2719,
73.0056

109.2985,
132.6025, 158.7269

33.0001, 42.8320,
53.4887

138.5601,
166.3310, 197.7526

22.2858, 29.7533,
37.8026

172.6272,
205.3426, 242.7019

14.1848, 19.6514,
25.5289

211.8652,
250.0218, 293.9933

8.3319, 12.1419,
16.2489

256.6395,
300.7530, 352.0453

4.3616, 6.8404,
9.5442

307.3153,

1.9087, 3.3625,

357.9205, 417.2766

4.9962

364.2580,
421.9087, 490.1055

0.5819, 1.3238,
2.1863

0.0000, 0.1595,
0.6665

63.7304, 79.4573,
96.7719

63.7304, 79.4573,
96.7719

59.1418, 77.1040,
96.0935

69.2935, 82.3168,
97.5008

55.4641, 75.2184,
95.4576

75.8762, 85.6999,
98.2772

52.6373, 73.7714,
94.8630

83.5288, 89.6346,
99.1052

50.5912, 72.7268,
94.3064

90.4312, 93.1825,
99.8996

■ 49.2446, 72.0427,
93.7840

■ 90.5218, 93.2187,
100.3767

■ 48.4980, 71.6680,
93.2912

■ 90.6127, 93.2551,
100.8553

■ 48.2475, 71.5450,
92.9999

■ 90.7039, 93.2916,
101.3354

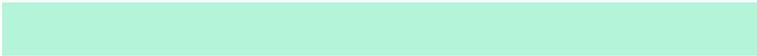
■ 90.7953, 93.3282,
101.8171

■ 90.8871, 93.3649,
102.3003

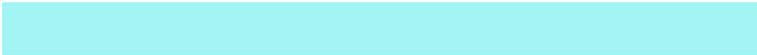
Harmonies

Analogous

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



63.6820, 79.4573, 77.5485



63.7304, 79.4573, 96.7719



66.8096, 79.4573, 115.6937

Triad

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



63.7304, 79.4573, 96.7719



85.1206, 79.4573, 115.1792



78.8144, 79.4573, 55.3872

Complementary

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



63.7304, 79.4573, 96.7719



57.2802, 47.9358, 41.3586

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.



84.9602, 79.4573, 62.7085



63.7304, 79.4573, 96.7719



88.7450, 79.4573, 96.1484

Square

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



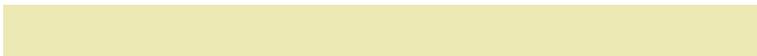
63.7304, 79.4573, 96.7719



79.0229, 79.4573, 127.3479



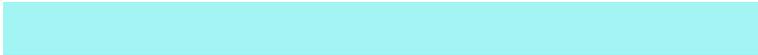
88.6846, 79.4573, 77.0106



72.1256, 79.4573, 55.5026

Rectangle

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



63.7304, 79.4573, 96.7719



70.2776, 79.4573, 124.7728



88.6846, 79.4573, 77.0106



81.0205, 79.4573, 57.0063

Sweetspot

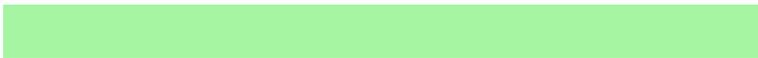
The Sweet Spot groups the original color and five complimentary colors.



63.7327, 79.4605, 96.7737



86.1840, 95.4408, 107.9688



54.6450, 75.8910, 45.9525



18.2010, 20.3018, 23.0828



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.



63.7327, 79.4605, 96.7737



66.0671, 85.1054, 105.4374



53.5197, 58.5477, 94.8698



16.9784, 18.7505, 21.1707



25.9987, 38.5443, 50.1406



2.2904, 3.3898, 4.4353

Inverse Universe

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



57.2802, 47.9358, 41.3586



57.9658, 45.5156, 35.8554



65.0051, 63.6730, 43.0481



16.5153, 16.4890, 17.1944



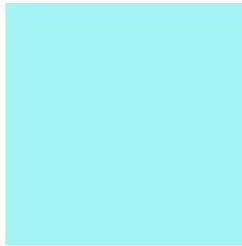
20.3108, 10.4677, 1.0790



1.7907, 0.9222, 0.1243

Previews

White Background



This preview shows how the XYZ color 63.7304, 79.4573, 96.7719 looks on a white background.

Color Contrast Check

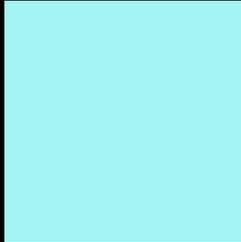
Large Text (above 18pt) WCAG AA × Fail

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 63.7304, 79.4573, 96.7719 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

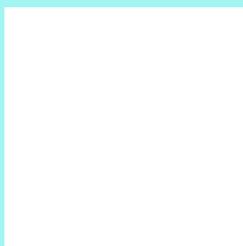
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.7304, 79.4573, 96.7719

Background



This preview shows how black text looks on a background with the XYZ color 63.7304, 79.4573, 96.7719.

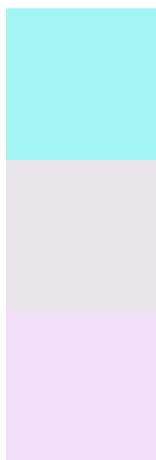


This preview shows how white text looks on a background with the XYZ color 63.7304, 79.4573,

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

63.7304, 79.4573, 96.7719

Protanopia

75.7301, 78.5258, 88.2564

Deuteranopia

80.2931, 78.6073, 99.7478



Tritanopia

68.4449, 79.0203, 106.2527

Trichromacy



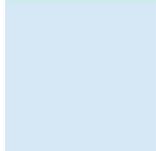
Original Color

63.7304, 79.4573, 96.7719



Protanomaly

70.4410, 78.2255, 91.5072



Deuteranomaly

72.9420, 78.1018, 98.4195



Tritanomaly

66.5471, 78.9896, 103.0059

Monochromacy



Original Color

63.7304, 79.4573, 96.7719



Achromatopsia

68.0267, 71.5694, 77.9390



Achromatomaly

65.5761, 73.7822, 84.1839

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.7304, 79.4573, 96.7719 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(162, 245, 243)` looks like.

```
.text, #text, p{  
    color:rgb(162, 245, 243)  
}
```

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(162, 245, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 245, 243) }
```

Border

The CSS property to change the border of an element to XYZ 63.7304, 79.4573, 96.7719 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(162, 245, 243) }
```

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

```
.border{ border-color:rgb(162, 245, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 245, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 245, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 245, 243);  
box-shadow:4px 4px 4px 4px rgb(162, 245,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 63.7304, 79.4573, 96.7719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 245, 243) }
```

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

```
.background{ background-color: rgb(162,  
245, 243) }
```

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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