

Converting Colors

XYZ(63.2030, 79.0649, 97.7499)

Have a look what the booklet for
XYZ(63.2030, 79.0649, 97.7499)
contains.

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Color

**XYZ(63.2796, 79.2074,
97.5413)**

Conversions

Conversions Part 1

Format	Color
Hex	9FF5F4
RGB	159, 245, 244
RGB Percent	62%, 96%, 96%
CMY	0.3765, 0.0392, 0.0431
CMYK	0.35, 0.00, 0.00, 0.04
HSL	179°, 81%, 79%
HSV	179°, 35%, 96%
XYZ	63.2796, 79.2074, 97.5413
YIQ	219.1720, -50.9350, -18.5430

Conversions

Conversions Part 2

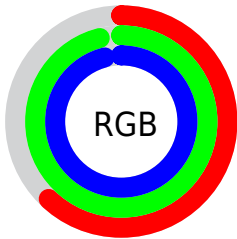
Format	Color
R_{YB}	159, 202, 245
Decimal	10483188
CIE _{Lab}	91.33, -26.03, -7.75
CIE _{LCh}	91, 27.156, 196.585
Yxy	79.2074, 0.2636, 0.3300
Android (android.graphics.Color)	4288673268 (0xFF9FF5F4)
YUV	219.1720, 12.2402, -52.7708
Hunter-Lab	88.9985, -28.8307, -2.6821

Details

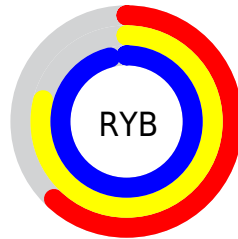
The XYZ color **63.2796, 79.2074, 97.5413** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **56.4022, 46.7491, 39.3114**, and the grayscale version is **67.3962, 70.9061, 77.2167**.

A 20% lighter version of the original color is **82.4253, 93.4917, 108.3092**, and **32.6538, 42.4808, 54.0555** is the 20% darker color. If you saturate the color by 10%, you get **58.8517, 76.9317, 97.1095**, and if you desaturate by 10%, it is **68.6751, 81.9858, 98.0222**.

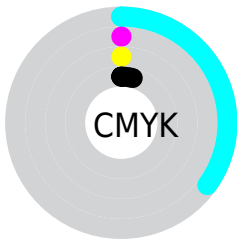
Distribution



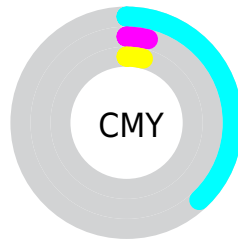
- Red (62%)
- Green (96%)
- Blue (96%)



- Red (62%)
- Yellow (79%)
- Blue (96%)



- Cyan (35%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)





- Cyan (38%)
- Magenta (4%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.2796, 79.2074, 97.5413 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 63.2796, 79.2074, 97.5413 by changing the saturation by 10% instead.


 63.2796, 79.2074,
97.5413


 63.2796, 79.2074,
97.5413


426.2271,
492.2577, 573.4599

 46.3269, 59.0663,
73.6434


 108.6523,
132.2508, 159.7965

 32.7096, 42.6665,
54.0072


 137.8031,
165.9219, 198.9909

 22.0622, 29.6236,
38.2142


171.7507,
204.8719, 244.1212

 14.0195, 19.5530,
25.8458

210.8603,
249.4850, 295.6059

 8.2160, 12.0706,
16.4836

255.4974,
300.1458, 353.8636

 4.2865, 6.7918,
9.7090

306.0273,

 1.8654, 3.3322,

357.2386, 419.3128

5.1034

362.8154,
421.1477, 492.3721

■ 0.5566, 1.3075,
2.2482

■ 0.0000, 0.1470,
0.7020

■ 63.2796, 79.2074,
97.5413

■ 63.2796, 79.2074,
97.5413

■ 58.8517, 76.9317,
97.1095

■ 68.6751, 81.9858,
98.0222

■ 55.3272, 75.1198,
96.7187

■ 75.0837, 85.2846,
98.5491


■ 52.6454, 73.7422,
96.3676


■ 82.5565, 89.1319,
99.1261

■ 50.7347, 72.7622,
96.0529


■ 90.3972, 93.1689,
99.7207

 49.5122, 72.1370,
95.7708


 90.4409, 93.1864,
99.9508


 48.8756, 71.8138,
95.5165

 90.4847, 93.2039,
100.1812

 48.7030, 71.7272,
95.3986

 90.5285, 93.2214,
100.4120

 90.5724, 93.2389,
100.6432

 90.6164, 93.2565,
100.8747

Harmonies

Analogous

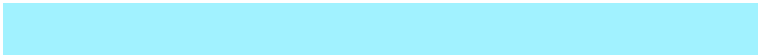
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



63.1107, 79.2074, 77.7309



63.2796, 79.2074, 97.5413



66.5352, 79.2074, 116.8681

Triad

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



63.2796, 79.2074, 97.5413



85.3310, 79.2074, 115.0590



78.4022, 79.2074, 54.3318

Complementary

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



63.2796, 79.2074, 97.5413



56.4022, 46.7491, 39.3114

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.



84.7685, 79.2074, 61.4987



63.2796, 79.2074, 97.5413



88.9305, 79.2074, 95.3557

Square

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



63.2796, 79.2074, 97.5413



79.1322, 79.2074, 127.9906



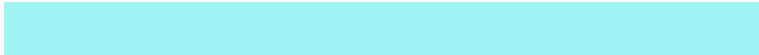
88.7186, 79.2074, 75.8534



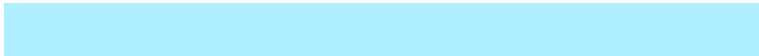
71.5631, 79.2074, 54.7322

Rectangle

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



63.2796, 79.2074, 97.5413



70.1377, 79.2074, 125.9881



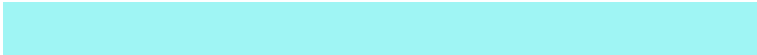
88.7186, 79.2074, 75.8534



80.6766, 79.2074, 55.8827

Sweetspot

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



63.2819, 79.2105, 97.5431



85.4202, 95.0417, 108.1747



53.4968, 75.3295, 44.5230



18.0510, 20.2232, 23.1357



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

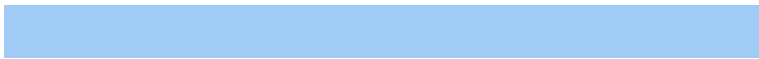
The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.2819, 79.2105, 97.5431



65.8042, 84.9464, 106.4852



52.2403, 56.8829, 94.6159



16.9879, 18.7543, 21.2206



26.2401, 38.6409, 51.4116



2.3089, 3.3972, 4.5325

Inverse Universe

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



56.4022, 46.7491, 39.3114



57.2509, 44.5831, 34.0840



64.7028, 63.4900, 41.6471



16.5070, 16.4857, 17.1504



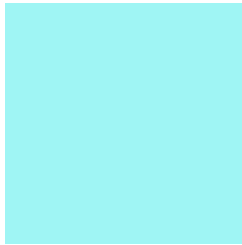
20.2981, 10.4627, 1.0120



1.7867, 0.9206, 0.1032

Previews

White Background



This preview shows how the XYZ color 63.2796, 79.2074, 97.5413 looks on a white background.

Color Contrast Check

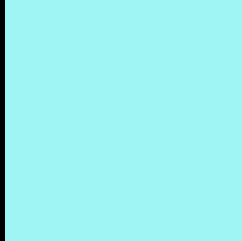
Large Text (above 18pt) WCAG AA × Fail

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 63.2796, 79.2074, 97.5413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

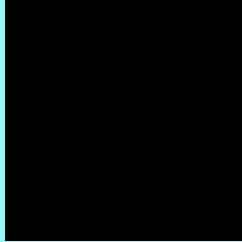
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

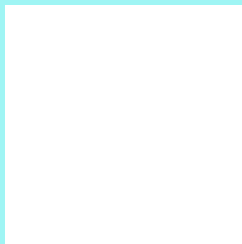
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.2796, 79.2074, 97.5413

Background



This preview shows how black text looks on a background with the XYZ color 63.2796, 79.2074, 97.5413.

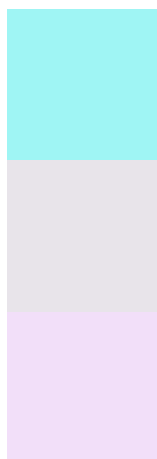


This preview shows how white text looks on a background with the XYZ color 63.2796, 79.2074,

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

63.2796, 79.2074, 97.5413

Protanopia

75.8734, 78.5831, 89.0110

Deuteranopia

80.1045, 78.4922, 100.5511



Tritanopia

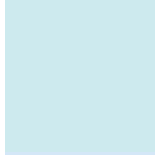
67.7389, 78.6563, 106.2197

Trichromacy



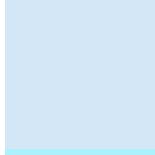
Original Color

63.2796, 79.2074, 97.5413



Protanomaly

70.0323, 77.9978, 92.2529



Deuteranomaly

72.5158, 77.8643, 99.2030



Tritanomaly

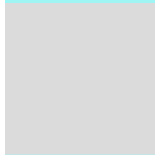
65.8811, 78.6463, 102.9747

Monochromacy



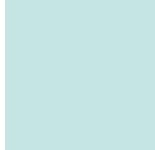
Original Color

63.2796, 79.2074, 97.5413



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

64.7730, 72.9586, 84.0673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2796, 79.2074, 97.5413 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(159, 245, 244)` looks like.

```
.text, #text, p{  
    color:rgb(159, 245, 244)  
}
```

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(159, 245, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 245, 244) }
```

Border

The CSS property to change the border of an element to XYZ 63.2796, 79.2074, 97.5413 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(159, 245, 244) }
```


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

```
.border{ border-color:rgb(159, 245, 244) }
```

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

Here you see how a box with a 4 pixel rgb(159, 245, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 245, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 245, 244);  
box-shadow:4px 4px 4px 4px rgb(159, 245,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2796, 79.2074, 97.5413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 245, 244) }
```

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

```
.background{ background-color: rgb(159,  
245, 244) }
```

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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