

Converting Colors

XYZ(64.6158, 79.9311, 96.0270)

Have a look what the booklet for
XYZ(64.6158, 79.9311, 96.0270)
contains.

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Color

**XYZ(64.6158, 79.9311,
96.0270)**

Conversions

Conversions Part 1

Format	Color
Hex	A7F5F2
RGB	167, 245, 242
RGB Percent	65%, 96%, 95%
CMY	0.3451, 0.0392, 0.0510
CMYK	0.32, 0.00, 0.01, 0.04
HSL	178°, 80%, 81%
HSV	178°, 32%, 96%
XYZ	64.6158, 79.9311, 96.0270
YIQ	221.3360, -45.5250, -17.4690

Conversions

Conversions Part 2

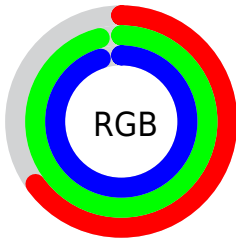
Format	Color
RYB	167, 207, 245
Decimal	11007474
CIELab	91.65, -24.38, -6.19
CIELCh	92, 25.152, 194.239
Yxy	79.9311, 0.2686, 0.3323
Android (android.graphics.Color)	4289197554 (0xFFA7F5F2)
YUV	221.3360, 10.1874, -47.6527
Hunter-Lab	89.4042, -27.4486, -1.0991

Details

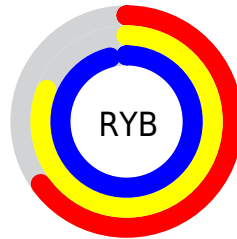
The XYZ color **64.6158, 79.9311, 96.0270** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **58.7334, 49.9546, 44.5800**, and the grayscale version is **68.9188, 72.5079, 78.9611**.

A 20% lighter version of the original color is **84.5505, 94.5873, 108.4086**, and **33.6161, 43.3199, 53.0442** is the 20% darker color. If you saturate the color by 10%, you get **59.7815, 77.4573, 95.0648**, and if you desaturate by 10%, it is **70.4359, 82.9171, 97.0426**.

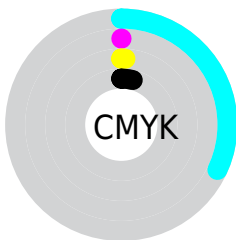
Distribution



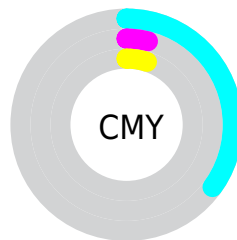
- Red (65%)
- Green (96%)
- Blue (95%)



- Red (65%)
- Yellow (81%)
- Blue (96%)



- Cyan (32%)
- Magenta (0%)
- Yellow (1%)
- Black (4%)



- Cyan (35%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.6158, 79.9311, 96.0270 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 64.6158, 79.9311, 96.0270 by changing the saturation by 10% instead.

64.6158, 79.9311,
96.0270

64.6158, 79.9311,
96.0270

430.9771,
494.7006, 568.5157

47.4132, 59.6617,
72.3884

110.5661,
133.2689, 157.6904

33.5717, 43.1460,
52.9873

140.0445,
167.1060, 196.5524

22.7261, 29.9997,
37.4050

174.3455,
206.2344, 241.3259

14.5110, 19.8383,
25.2229

213.8344,
251.0386, 292.4295

8.5610, 12.2776,
16.0227

258.8767,
301.9029, 350.2818

4.5107, 6.9330,
9.3857

309.8377,

1.9949, 3.4202,

359.2118, 415.3012

4.8934

367.0827,
423.3495, 487.9063

■ 0.6311, 1.3549,
2.1272

■ 0.0000, 0.1831,
0.6319

■ 64.6158, 79.9311,
96.0270

■ 64.6158, 79.9311,
96.0270

■ 59.7815, 77.4573,
95.0648

■ 70.4359, 82.9171,
97.0426

■ 55.8707, 75.4574,
94.1479

■ 77.2861, 86.4320,
98.1085

■ 52.8244, 73.9031,
93.2753

■ 85.2163, 90.5035,
99.2287

■ 50.5744, 72.7593,
92.4438

■ 90.4937, 93.2075,
100.2287

■ 49.0420, 71.9853,
91.6496

■ 90.6387, 93.2655,
100.9923

■ 48.1324, 71.5323,
90.8883

■ 90.7844, 93.3238,
101.7597

■ 47.7320, 71.3388,
90.2857

■ 90.9309, 93.3824,
102.5311

■ 91.0781, 93.4413,
103.3063

■ 91.2261, 93.5004,
104.0854

Harmonies

Analogous

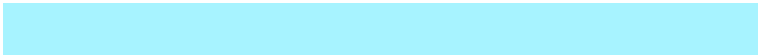
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.6921, 79.9311, 77.7703



64.6158, 79.9311, 96.0270



67.4605, 79.9311, 114.1218

Triad

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



64.6158, 79.9311, 96.0270



84.9209, 79.9311, 114.9201



79.3775, 79.9311, 57.2285

Complementary

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



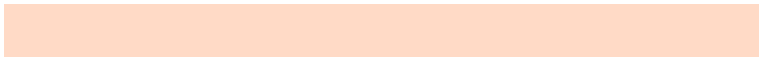
64.6158, 79.9311, 96.0270



58.7334, 49.9546, 44.5800

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.



85.1711, 79.9311, 64.6080



64.6158, 79.9311, 96.0270



88.4926, 79.9311, 96.9999

Square

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



64.6158, 79.9311, 96.0270



79.0514, 79.9311, 126.0268



88.5867, 79.9311, 78.6159



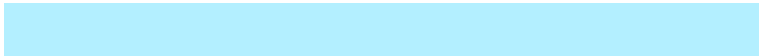
72.9738, 79.9311, 57.0447

Rectangle

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



64.6158, 79.9311, 96.0270



70.7283, 79.9311, 122.9427



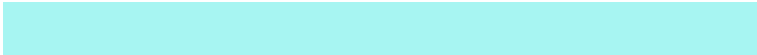
88.5867, 79.9311, 78.6159



81.4689, 79.9311, 58.8976

Sweetspot

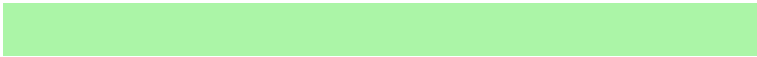
The Sweet Spot groups the original color and five complimentary colors.



64.6181, 79.9343, 96.0288



86.1252, 95.4173, 107.6594



56.4028, 76.7448, 48.4015



18.1866, 20.2961, 23.0073



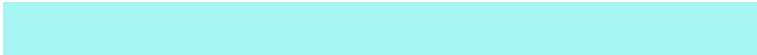
0.0000, 0.0000, 0.0000



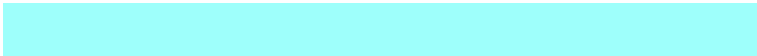
20.3446, 21.4041, 23.3091

Same Dimension

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



64.6181, 79.9343, 96.0288



67.3354, 85.7813, 104.4983



55.4422, 60.8546, 95.2138



16.9675, 18.7461, 21.1133



25.7256, 38.4351, 48.7021



2.2695, 3.3814, 4.3249

Inverse Universe

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



58.7334, 49.9546, 44.5800



59.9904, 48.3505, 40.2741



65.7781, 64.4933, 45.5426



16.5250, 16.4928, 17.2452



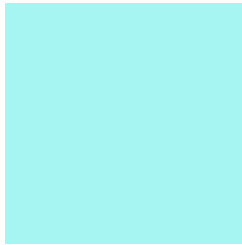
20.3254, 10.4736, 1.1561



1.7953, 0.9241, 0.1486

Previews

White Background



This preview shows how the XYZ color 64.6158, 79.9311, 96.0270 looks on a white background.

Color Contrast Check

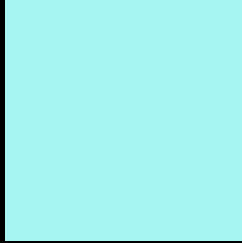
Large Text (above 18pt) WCAG AA × Fail

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 64.6158, 79.9311, 96.0270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

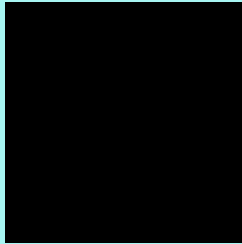
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.6158, 79.9311, 96.0270

Background



This preview shows how black text looks on a background with the XYZ color 64.6158, 79.9311, 96.0270.

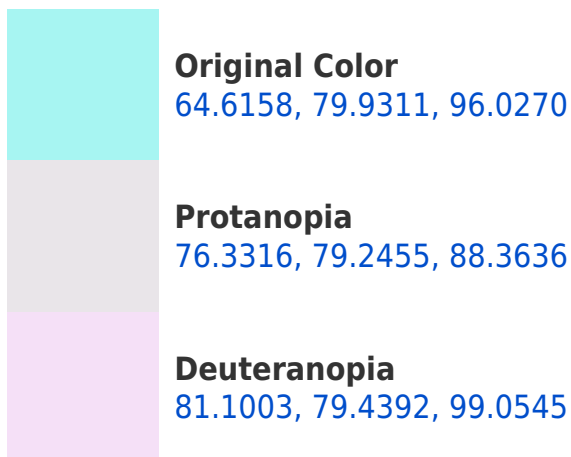


This preview shows how white text looks on a background with the XYZ color 64.6158, 79.9311,

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





Tritanopia

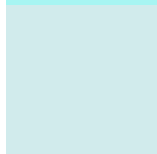
69.1662, 79.3921, 106.2865

Trichromacy



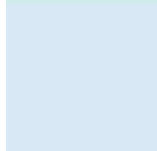
Original Color

64.6158, 79.9311, 96.0270



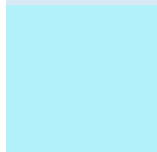
Protanomaly

71.1431, 79.0281, 90.8612



Deuteranomaly

73.9533, 79.0575, 97.7481



Tritanomaly

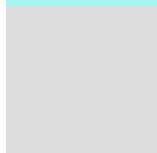
67.3010, 79.3964, 102.2204

Monochromacy



Original Color

64.6158, 79.9311, 96.0270



Achromatopsia

68.7264, 72.3055, 78.7407



Achromatomaly

66.5271, 74.6683, 85.0348

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.6158, 79.9311, 96.0270 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(167, 245, 242)` looks like.

```
.text, #text, p{  
    color:rgb(167, 245, 242)  
}
```

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(167, 245, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 245, 242) }
```

Border

The CSS property to change the border of an element to XYZ 64.6158, 79.9311, 96.0270 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(167, 245, 242) }
```


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

```
.border{ border-color:rgb(167, 245, 242) }
```

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

Here you see how a box with a 4 pixel rgb(167, 245, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 245, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 245, 242);  
box-shadow:4px 4px 4px 4px rgb(167, 245,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 64.6158, 79.9311, 96.0270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 245, 242) }
```

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

```
.background{ background-color: rgb(167,  
245, 242) }
```

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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