

Converting Colors

XYZ(60.7508, 78.9493, 91.1595)

Have a look what the booklet for
XYZ(60.7508, 78.9493, 91.1595)
contains.

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Color

**XYZ(60.7955, 78.9672,
91.3948)**

Conversions

Conversions Part 1

Format	Color
Hex	95F7EC
RGB	149, 247, 236
RGB Percent	58%, 97%, 93%
CMY	0.4157, 0.0314, 0.0745
CMYK	0.40, 0.00, 0.04, 0.03
HSL	173°, 86%, 78%
HSV	173°, 40%, 97%
XYZ	60.7955, 78.9672, 91.3948
YIQ	216.4440, -54.8770, -24.1970

Conversions

Conversions Part 2

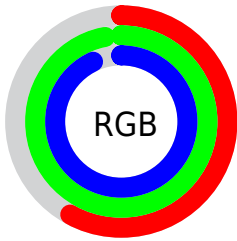
Format	Color
RYB	149, 201, 247
Decimal	9828332
CIELab	91.22, -31.35, -3.80
CIELCh	91, 31.577, 186.913
Yxy	78.9672, 0.2630, 0.3416
Android (android.graphics.Color)	4288018412 (0xFF95F7EC)
YUV	216.4440, 9.6411, -59.1484
Hunter-Lab	88.8635, -33.3913, 1.2255

Details

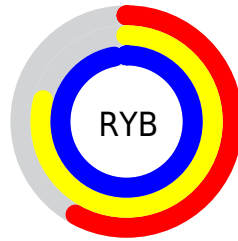
The XYZ color **60.7955, 78.9672, 91.3948** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **55.4531, 43.8093, 38.7940**, and the grayscale version is **65.5380, 68.9511, 75.0877**.

A 20% lighter version of the original color is **79.5421, 92.0054, 108.1742**, and **31.0653, 42.3975, 49.7262** is the 20% darker color. If you saturate the color by 10%, you get **56.3589, 76.7282, 89.1017**, and if you desaturate by 10%, it is **66.1986, 81.7076, 93.7692**.

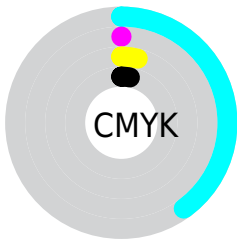
Distribution



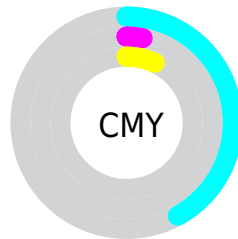
- Red (58%)
- Green (97%)
- Blue (93%)



- Red (58%)
- Yellow (79%)
- Blue (97%)



- Cyan (40%)
- Magenta (0%)
- Yellow (4%)
- Black (3%)



- Cyan (42%)
- Magenta (3%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7955, 78.9672, 91.3948 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 60.7955, 78.9672, 91.3948 by changing the saturation by 10% instead.

60.7955, 78.9672,
91.3948

60.7955, 78.9672,
91.3948

417.3117,
491.4454, 553.2445

44.3121, 58.8688,
68.5578

105.0826,
131.9127, 151.2267

31.1149, 42.5075,
49.8822

133.6169,
165.5286, 189.0588

20.8386, 29.4989,
34.9493

166.8989,
204.4192, 232.7263

13.1179, 19.4586,
23.3406

205.2940,
248.9687, 282.6478

7.5873, 12.0021,
14.6375

249.1674,
299.5618, 339.2418

3.8816, 6.7451,
8.4216

298.8846,

1.6354, 3.3032,

356.5826, 402.9269

4.2743

354.8109,
420.4157, 474.1216

0.4153, 1.2920,
1.7770

0.0000, 0.1350,
0.4127

60.7955, 78.9672,
91.3948

60.7955, 78.9672,
91.3948

56.3589, 76.7282,
89.1017

66.1986, 81.7076,
93.7692

52.8208, 74.9497,
86.8815

72.6168, 84.9687,
96.2222

50.1156, 73.5999,
84.7326

80.1039, 88.7800,
98.7582

48.1657, 72.6387,
82.6513

88.7076, 93.1663,
101.3795

■ 46.8785, 72.0185,
80.6331

■ 91.7366, 94.6780,
103.7732

■ 46.1061, 71.6630,
78.6709

■ 92.1745, 94.8531,
106.0790

■ 46.0843, 71.6530,
78.6079

■ 92.5521, 95.0042,
108.0674

Harmonies

Analogous

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



61.7742, 78.9672, 69.8356



60.7955, 78.9672, 91.3948



63.4148, 78.9672, 115.2526

Triad

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



60.7955, 78.9672, 91.3948



84.6804, 78.9672, 126.2413



81.2519, 78.9672, 51.4851

Complementary

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



60.7955, 78.9672, 91.3948



55.4531, 43.8093, 38.7940

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.



88.0411, 78.9672, 62.1409



60.7955, 78.9672, 91.3948



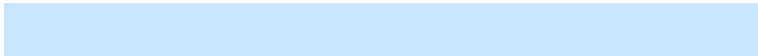
90.1168, 78.9672, 104.4427

Square

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



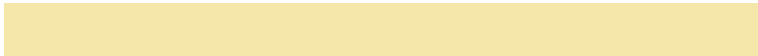
60.7955, 78.9672, 91.3948



76.9229, 78.9672, 137.5591



91.3883, 78.9672, 80.7870



73.2194, 78.9672, 49.2392

Rectangle

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



60.7955, 78.9672, 91.3948



66.9665, 78.9672, 128.4333



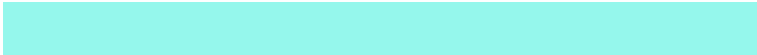
91.3883, 78.9672, 80.7870



83.7719, 78.9672, 54.0970

Sweetspot

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



60.7978, 78.9703, 91.3966



84.1263, 94.4320, 105.5273



53.2720, 76.2130, 40.3382



17.7745, 20.0942, 22.5103



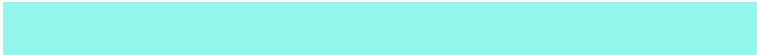
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



60.7978, 78.9703, 91.3966



61.2856, 82.8404, 96.1810



52.0922, 58.9215, 96.6266



16.9119, 18.7239, 20.8202



24.4049, 37.9068, 41.7476



2.1673, 3.3406, 3.7871

Inverse Universe

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



55.4531, 43.8093, 38.7940



54.7878, 40.0117, 32.1692



61.4638, 57.3038, 36.2566



16.5748, 16.5128, 17.5073



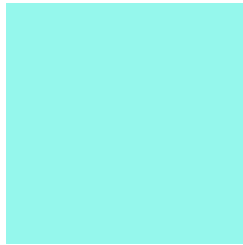
20.4206, 10.5117, 1.6572



1.8190, 0.9336, 0.2734

Previews

White Background



This preview shows how the XYZ color 60.7955, 78.9672, 91.3948 looks on a white background.

Color Contrast Check

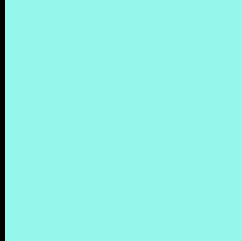
Large Text (above 18pt) WCAG AA × Fail

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 60.7955, 78.9672, 91.3948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

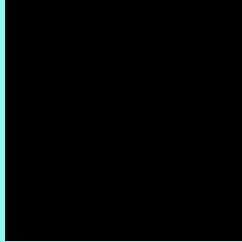
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.7955, 78.9672, 91.3948

Background



This preview shows how black text looks on a background with the XYZ color 60.7955, 78.9672, 91.3948.

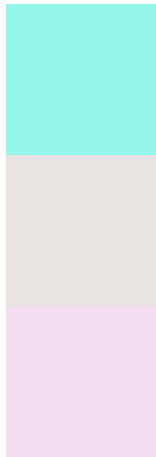


This preview shows how white text looks on a background with the XYZ color 60.7955, 78.9672,

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

60.7955, 78.9672, 91.3948

Protanopia

74.9383, 78.2467, 82.3876

Deuteranopia

79.6546, 78.0059, 94.0775



Tritanopia

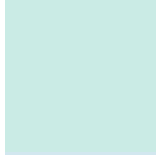
67.3416, 78.8873, 106.2852

Trichromacy



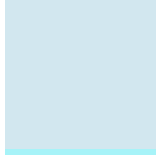
Original Color

60.7955, 78.9672, 91.3948



Protanomaly

68.2083, 77.6304, 85.5179



Deuteranomaly

70.7342, 77.0855, 92.8122



Tritanomaly

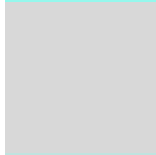
64.9302, 79.0940, 100.6514

Monochromacy



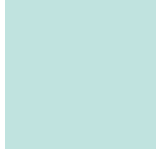
Original Color

60.7955, 78.9672, 91.3948



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

62.5266, 71.4724, 80.3121

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7955, 78.9672, 91.3948 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(149, 247, 236)` looks like.

```
.text, #text, p{  
    color:rgb(149, 247, 236)  
}
```

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(149, 247, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 247, 236) }
```

Border

The CSS property to change the border of an element to XYZ 60.7955, 78.9672, 91.3948 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(149, 247, 236) }
```


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

```
.border{ border-color:rgb(149, 247, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 247, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 247, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 247, 236);  
box-shadow:4px 4px 4px 4px rgb(149, 247,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7955, 78.9672, 91.3948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 247, 236) }
```

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

```
.background{ background-color: rgb(149,  
247, 236) }
```

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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