

Converting Colors

XYZ(62.3926, 83.5251, 91.0802)

Have a look what the booklet for
XYZ(62.3926, 83.5251, 91.0802)
contains.

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Color

**XYZ(62.4325, 83.5379,
91.4312)**

Conversions

Conversions Part 1

Format	Color
Hex	91FFEB
RGB	145, 255, 235
RGB Percent	57%, 100%, 92%
CMY	0.4314, 0.0000, 0.0784
CMYK	0.43, 0.00, 0.08, 0.00
HSL	169°, 100%, 78%
HSV	169°, 43%, 100%
XYZ	62.4325, 83.5379, 91.4312
YIQ	219.8300, -59.1400, -29.5400

Conversions

Conversions Part 2

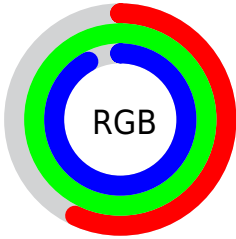
Format	Color
RYB	145, 206, 255
Decimal	9568235
CIELab	93.25, -36.26, -0.33
CIELCh	93, 36.266, 180.515
Yxy	83.5379, 0.2630, 0.3519
Android (android.graphics.Color)	4287758315 (0xFF91FFEB)
YUV	219.8300, 7.4788, -65.6259
Hunter-Lab	91.3991, -38.0193, 4.6685

Details

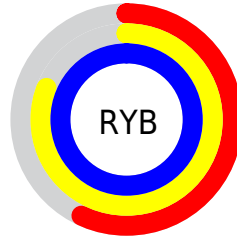
The XYZ color **62.4325, 83.5379, 91.4312** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **58.1578, 44.2288, 41.0702**, and the grayscale version is **67.8883, 71.4237, 77.7805**.

A 20% lighter version of the original color is **78.7118, 91.5774, 108.1354**, and **32.1685, 45.6213, 49.7582** is the 20% darker color. If you saturate the color by 10%, you get **57.7715, 81.2115, 87.7631**, and if you desaturate by 10%, it is **68.1212, 86.3921, 95.2414**.

Distribution



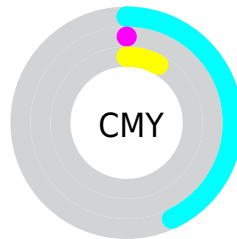
- Red (57%)
- Green (100%)
- Blue (92%)



- Red (57%)
- Yellow (81%)
- Blue (100%)



- Cyan (43%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)



- Cyan (43%)
- Magenta (0%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.4325, 83.5379, 91.4312 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 62.4325, 83.5379, 91.4312 by changing the saturation by 10% instead.


 62.4325, 83.5379,
91.4312


 62.4325, 83.5379,
91.4312


423.1994,
506.7775, 553.3654

 45.6392, 62.6340,
68.5879


 107.4368,
138.3286, 151.2776

 32.1646, 45.5452,
49.9065


 136.3785,
172.9841, 189.1179

 21.6434, 31.8871,
34.9684


170.1003,
212.9924, 232.7942

 13.7103, 21.2752,
23.3552

208.9677,
258.7377, 282.7250

 7.9998, 13.3253,
14.6483

253.3459,
310.6044, 339.3291

 4.1466, 7.6530,
8.4290

303.6004,

 1.7854, 3.8737,

368.9771, 403.0248

4.2790

360.0964,
434.2399, 474.2307

■ 0.5089, 1.6032,
1.7796

■ 0.0000, 0.3597,
0.4145

■ 62.4325, 83.5379,
91.4312

■ 62.4325, 83.5379,
91.4312

■ 57.7715, 81.2115,
87.7631

■ 68.1212, 86.3921,
95.2414

■ 54.0669, 79.3761,
84.2287

■ 74.8969, 89.8047,
99.1929

■ 51.2429, 77.9926,
80.8253

■ 82.8175, 93.8054,
103.2904

■ 49.2104, 77.0153,
77.5481

■ 91.9361, 98.4217,
107.5372

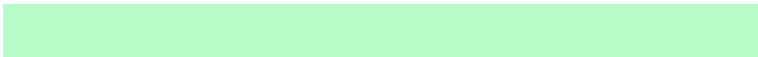
■ 47.8614, 76.3883, 95.0500, 100.0000,
74.3912 108.9000

■ 47.2240, 76.1056,
72.2884

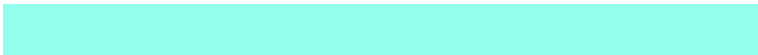
Harmonies

Analogous

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



64.4780, 83.5379, 67.4722



62.4325, 83.5379, 91.4312



64.6215, 83.5379, 120.3284

Triad

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



62.4325, 83.5379, 91.4312



89.0840, 83.5379, 144.1433



88.7763, 83.5379, 52.4615

Complementary

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



62.4325, 83.5379, 91.4312



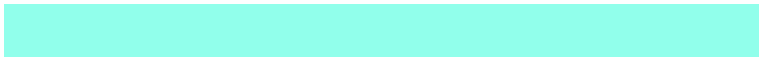
58.1578, 44.2288, 41.0702

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.



96.2762, 83.5379, 66.8047



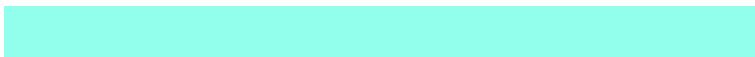
62.4325, 83.5379, 91.4312



96.4637, 83.5379, 119.3463

Square

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



62.4325, 83.5379, 91.4312



79.5651, 83.5379, 154.2590



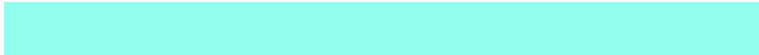
99.1935, 83.5379, 90.4876



79.2356, 83.5379, 47.8878

Rectangle

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



62.4325, 83.5379, 91.4312



68.2970, 83.5379, 137.8310



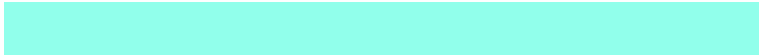
99.1935, 83.5379, 90.4876



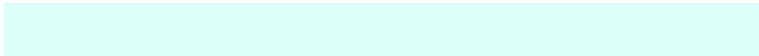
91.6461, 83.5379, 56.1370

Sweetspot

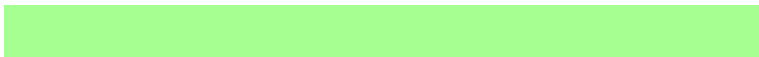
The Sweet Spot groups the original color and five complimentary colors.



62.4335, 83.5384, 91.4327



82.9330, 93.8638, 103.3470



56.4236, 81.5821, 39.5629



17.3544, 19.8902, 21.9241



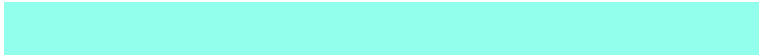
0.0000, 0.0000, 0.0000



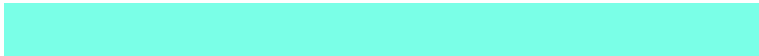
20.3446, 21.4041, 23.3091

Same Dimension

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



62.4335, 83.5384, 91.4327



58.2514, 81.4503, 88.1729



55.3651, 64.5148, 104.1423



18.4048, 20.4215, 22.4347



24.7268, 39.7873, 38.0422



2.4428, 3.8880, 3.8894

Inverse Universe

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



58.1578, 44.2288, 41.0702



53.4767, 37.3687, 31.7960



62.6394, 55.8809, 34.2744



18.1442, 18.0410, 19.3766



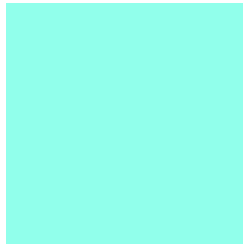
21.8488, 11.2288, 2.5881



2.1620, 1.1072, 0.4346

Previews

White Background



This preview shows how the XYZ color 62.4325, 83.5379, 91.4312 looks on a white background.

Color Contrast Check

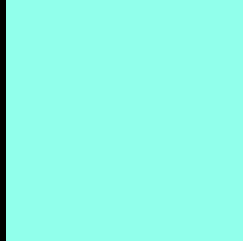
Large Text (above 18pt) WCAG AA × Fail

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 62.4325, 83.5379, 91.4312 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 62.4325, 83.5379, 91.4312

Background



This preview shows how black text looks on a background with the XYZ color 62.4325, 83.5379, 91.4312.

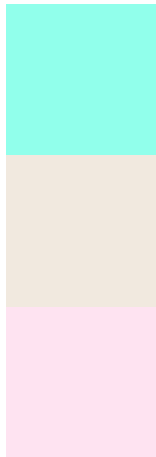


This preview shows how white text looks on a background with the XYZ color 62.4325, 83.5379,

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

62.4325, 83.5379, 91.4312

Protanopia

78.7338, 82.3063, 81.5490

Deuteranopia

84.2193, 82.3599, 94.6773



Tritanopia

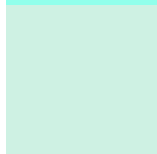
72.6063, 82.9233, 106.7868

Trichromacy



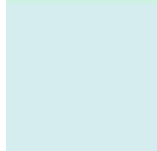
Original Color

62.4325, 83.5379, 91.4312



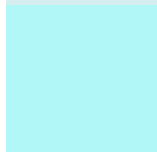
Protanomaly

70.7740, 81.5785, 84.6891



Deuteranomaly

73.5957, 81.0965, 93.4356



Tritanomaly

68.3355, 82.6460, 101.1575

Monochromacy



Original Color

62.4325, 83.5379, 91.4312



Achromatopsia

68.0267, 71.5694, 77.9390



Achromatomaly

64.7218, 75.0515, 82.3094

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4325, 83.5379, 91.4312 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(145, 255, 235)` looks like.

```
.text, #text, p{  
    color:rgb(145, 255, 235)  
}
```

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(145, 255, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 255, 235) }
```

Border

The CSS property to change the border of an element to XYZ 62.4325, 83.5379, 91.4312 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(145, 255, 235) }
```


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

```
.border{ border-color:rgb(145, 255, 235) }
```

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

Here you see how a box with a 4 pixel rgb(145, 255, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 255, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 255, 235);  
box-shadow:4px 4px 4px 4px rgb(145, 255,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4325, 83.5379, 91.4312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 255, 235) }
```

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

```
.background{ background-color: rgb(145,  
255, 235) }
```

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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