

Converting Colors

XYZ(62.7521, 79.0895, 90.5557)

Have a look what the booklet for
XYZ(62.7521, 79.0895, 90.5557)
contains.

XYZ(62.7521, 79.0895, 90.5557)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(62.7521, 79.0895,
90.5557)**

Conversions

Conversions Part 1

Format	Color
Hex	A3F5EB
RGB	163, 245, 235
RGB Percent	64%, 96%, 92%
CMY	0.3608, 0.0392, 0.0784
CMYK	0.33, 0.00, 0.04, 0.04
HSL	173°, 80%, 80%
HSV	173°, 33%, 96%
XYZ	62.7521, 79.0895, 90.5557
YIQ	219.3420, -45.6620, -20.4940

Conversions

Conversions Part 2

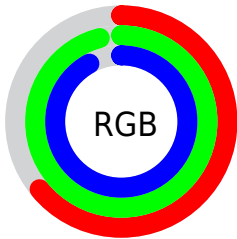
Format	Color
RYB	163, 207, 245
Decimal	10745323
CIELab	91.27, -27.01, -3.13
CIELCh	91, 27.193, 186.601
Yxy	79.0895, 0.2700, 0.3403
Android (android.graphics.Color)	4288935403 (0xFFA3F5EB)
YUV	219.3420, 7.7194, -49.4119
Hunter-Lab	88.9323, -29.6789, 1.8803

Details

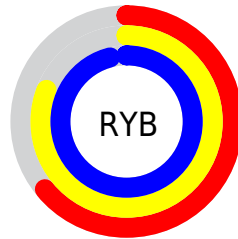
The XYZ color **62.7521, 79.0895, 90.5557** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **58.2990, 48.6263, 45.8514**, and the grayscale version is **67.5420, 71.0595, 77.3838**.

A 20% lighter version of the original color is **83.3252, 93.9556, 108.3513**, and **32.1833, 42.3469, 49.1254** is the 20% darker color. If you saturate the color by 10%, you get **57.7858, 76.5807, 88.0897**, and if you desaturate by 10%, it is **68.7020, 82.1085, 93.1091**.

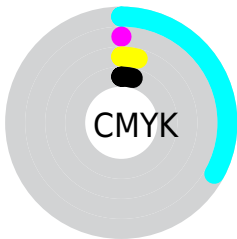
Distribution



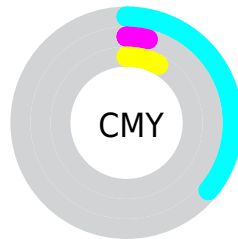
- Red (64%)
- Green (96%)
- Blue (92%)



- Red (64%)
- Yellow (81%)
- Blue (96%)



- Cyan (33%)
- Magenta (0%)
- Yellow (4%)
- Black (4%)





- Cyan (36%)
- Magenta (4%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.7521, 79.0895, 90.5557 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 62.7521, 79.0895, 90.5557 by changing the saturation by 10% instead.


 62.7521, 79.0895,
90.5557


 62.7521, 79.0895,
90.5557


424.3432,
491.8591, 550.4535

 45.8986, 58.9694,
67.8653


 107.8956,
132.0849, 150.0523

 32.3701, 42.5885,
49.3222


 136.9163,
165.7289, 187.6956

 21.8012, 29.5624,
34.5077


170.7235,
204.6497, 231.1603

 13.8267, 19.5067,
23.0034

209.6824,
249.2317, 280.8649

 8.0811, 12.0369,
14.3907

254.1585,
299.8592, 337.2280

 4.1992, 6.7688,
8.2511

304.5171,

 1.8154, 3.3180,

356.9167, 400.6681

4.1659

361.1235,
420.7885, 471.6038

■ 0.5269, 1.2999,
1.7168

■ 0.0000, 0.1411,
0.3722

■ 62.7521, 79.0895,
90.5557

■ 62.7521, 79.0895,
90.5557

■ 57.7858, 76.5807,
88.0897

■ 68.7020, 82.1085,
93.1091

■ 53.7398, 74.5436,
85.7027


■ 75.6805, 85.6548,
95.7469


■ 50.5543, 72.9492,
83.3935


■ 83.7379, 89.7566,
98.4735


■ 48.1595, 71.7617,
81.1586


■ 90.6755, 93.2802,
101.1861

 46.4745, 70.9392,
78.9940

 91.1404, 93.4662,
103.6344

 45.4010, 70.4311,
76.8951

 91.6128, 93.6551,
106.1217

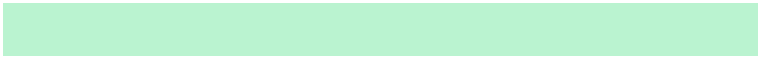
 44.9347, 70.2199,
75.5551

 91.9438, 93.7875,
107.8646

Harmonies

Analogous

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



63.6453, 79.0895, 71.8943



62.7521, 79.0895, 90.5557



65.0196, 79.0895, 110.8056

Triad

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



62.7521, 79.0895, 90.5557



83.3605, 79.0895, 120.3491



80.5632, 79.0895, 55.7475

Complementary

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



62.7521, 79.0895, 90.5557



58.2990, 48.6263, 45.8514

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.



86.3302, 79.0895, 65.3951



62.7521, 79.0895, 90.5557



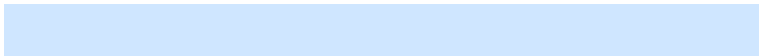
88.0130, 79.0895, 102.0972

Square

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



62.7521, 79.0895, 90.5557



76.7072, 79.0895, 129.6257



89.1316, 79.0895, 81.8219



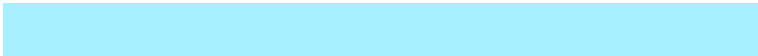
73.6578, 79.0895, 53.6259

Rectangle

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



62.7521, 79.0895, 90.5557



68.1053, 79.0895, 121.8774



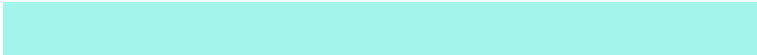
89.1316, 79.0895, 81.8219



82.7117, 79.0895, 58.1373

Sweetspot

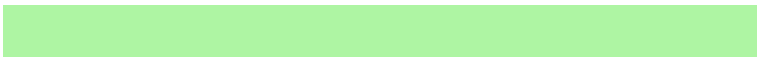
The Sweet Spot groups the original color and five complimentary colors.



62.7544, 79.0927, 90.5575



85.7861, 95.2817, 105.8734



56.7064, 76.9434, 46.5148



18.1040, 20.2630, 22.5719



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

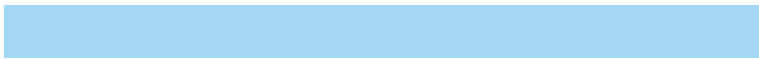
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.7544, 79.0927, 90.5575



65.0078, 84.7367, 97.3738



55.8716, 62.9488, 95.5953



16.9046, 18.7210, 20.7818



24.2412, 37.8413, 40.8852



2.1546, 3.3355, 3.7198

Inverse Universe

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



58.2990, 48.6263, 45.8514



59.4631, 46.7752, 41.7032



63.3545, 60.2289, 42.9382



16.5814, 16.5154, 17.5420



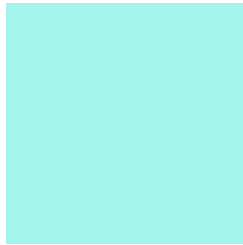
20.4379, 10.5186, 1.7484



1.8222, 0.9348, 0.2898

Previews

White Background



This preview shows how the XYZ color 62.7521, 79.0895, 90.5557 looks on a white background.

Color Contrast Check

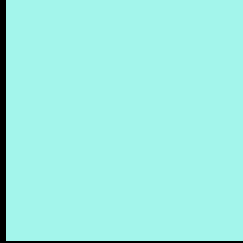
Large Text (above 18pt) WCAG AA × Fail

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 62.7521, 79.0895, 90.5557 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 62.7521, 79.0895, 90.5557

Background



This preview shows how black text looks on a background with the XYZ color 62.7521, 79.0895, 90.5557.

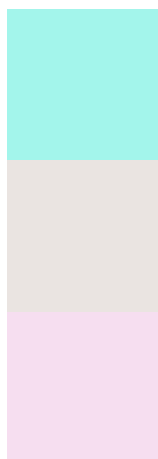


This preview shows how white text looks on a background with the XYZ color 62.7521, 79.0895,

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

62.7521, 79.0895, 90.5557

Protanopia

75.2657, 78.4155, 82.4029

Deuteranopia

79.8555, 78.1267, 93.3092



Tritanopia

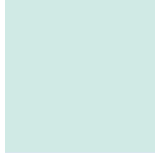
68.2079, 78.8981, 106.2417

Trichromacy



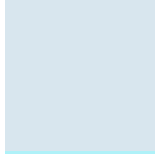
Original Color

62.7521, 79.0895, 90.5557



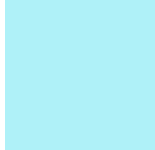
Protanomaly

69.5781, 77.9127, 85.5002



Deuteranomaly

72.0483, 77.3656, 92.0246



Tritanomaly

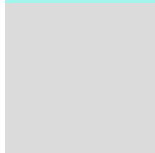
66.0778, 78.8019, 100.5346

Monochromacy



Original Color

62.7521, 79.0895, 90.5557



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

64.8872, 73.0652, 81.9172

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7521, 79.0895, 90.5557 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(163, 245, 235)` looks like.

```
.text, #text, p{  
    color:rgb(163, 245, 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(163, 245, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 245, 235) }
```

Border

The CSS property to change the border of an element to XYZ 62.7521, 79.0895, 90.5557 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(163, 245, 235) }
```


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

```
.border{ border-color:rgb(163, 245, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 245, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 245, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 245, 235);  
box-shadow:4px 4px 4px 4px rgb(163, 245,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7521, 79.0895, 90.5557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 245, 235) }
```

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

```
.background{ background-color: rgb(163,  
245, 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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