

Converting Colors

XYZ(62.9096, 73.0349, 79.4461)

Have a look what the booklet for
XYZ(62.9096, 73.0349, 79.4461)
contains.

XYZ(62.8338, 72.8905, 79.1642)	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(62.8338, 72.8905,
79.1642)**

Conversions

Conversions Part 1

Format	Color
Hex	BFE6DD
RGB	191, 230, 221
RGB Percent	75%, 90%, 87%
CMY	0.2510, 0.0980, 0.1333
CMYK	0.17, 0.00, 0.04, 0.10
HSL	166°, 44%, 83%
HSV	166°, 17%, 90%
XYZ	62.8338, 72.8905, 79.1642
YIQ	217.3130, -20.3550, -11.0670

Conversions

Conversions Part 2

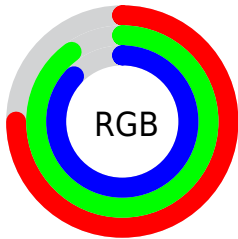
Format	Color
R _{YB}	191, 213, 230
Decimal	12576477
CIE Lab	88.40, -14.41, 0.15
CIE LCh	88, 14.414, 179.395
Yxy	72.8905, 0.2924, 0.3392
Android (android.graphics.Color)	4290766557 (0xFFBFE6DD)
YUV	217.3130, 1.8177, -23.0765
Hunter-Lab	85.3759, -18.0379, 4.7869

Details

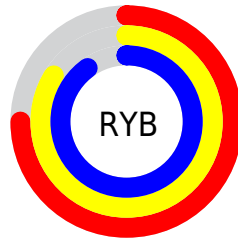
The XYZ color **62.8338, 72.8905, 79.1642** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **61.6918, 58.2566, 62.6398**, and the grayscale version is **66.1676, 69.6135, 75.8091**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **32.3355, 38.3436, 41.7732** is the 20% darker color. If you saturate the color by 10%, you get **56.8018, 69.8633, 75.2486**, and if you desaturate by 10%, it is **69.8006, 76.4009, 83.2434**.

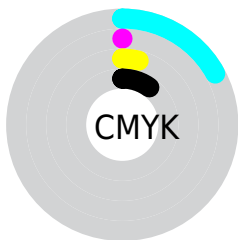
Distribution



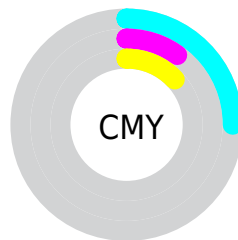
- Red (75%)
- Green (90%)
- Blue (87%)



- Red (75%)
- Yellow (84%)
- Blue (90%)



- Cyan (17%)
- Magenta (0%)
- Yellow (4%)
- Black (10%)



- Cyan (25%)
- Magenta (10%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.8338, 72.8905, 79.1642 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 62.8338, 72.8905, 79.1642 by changing the saturation by 10% instead.

62.8338, 72.8905,
79.1642

62.8338, 72.8905,
79.1642

424.6353,
470.6352, 511.7439

45.9649, 53.8864,
58.5087

108.0129,
123.3217, 133.9908

32.4226, 38.5109,
41.8004

137.0537,
155.5177, 168.9989

21.8416, 26.3794,
28.6206

170.8827,
192.8798, 209.6283

13.8565, 17.1077,
18.5509

209.8650,
235.7923, 256.2976

8.1020, 10.3113,
11.1727

254.3660,
284.6397, 309.4253

4.2126, 5.6059,
6.0675

304.7512,

1.8231, 2.6069,

339.8064, 369.4299

2.8167

361.3859,
401.6768, 436.7299

■ 0.5315, 0.9302,
1.0018

■ 0.0000, 0.0000,
0.0000

■ 62.8338, 72.8905,
79.1642

■ 62.8338, 72.8905,
79.1642

■ 56.8018, 69.8633,
75.2486

■ 69.8006, 76.4009,
83.2434

■ 51.6560, 67.2885,
71.4887

■ 77.7358, 80.4060,
87.4843

■ 47.3526, 65.1453,
67.8828

■ 84.8140, 83.9667,
91.8039

■ 43.8416, 63.4081,
64.4276

■ 85.6011, 84.2816,
95.9490

■ 41.0674, 62.0484,
61.1194

■ 86.4114, 84.6057,
100.2161

■ 38.9675, 61.0337,
57.9540

■ 87.2451, 84.9392,
104.6062

■ 37.4682, 60.3262,
54.9269

■ 87.5882, 85.0764,
106.4127

■ 36.4747, 59.8771,
52.0325

■ 36.2252, 59.7672,
51.1758

Harmonies

Analogous

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



63.7064, 72.8905, 70.0483



62.8338, 72.8905, 79.1642



63.6400, 72.8905, 89.0968

Triad

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



62.8338, 72.8905, 79.1642



72.5997, 72.8905, 97.1640



72.7254, 72.8905, 64.0593

Complementary

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



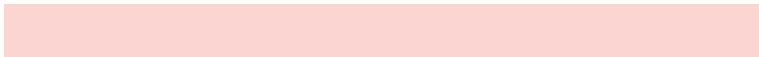
62.8338, 72.8905, 79.1642



61.6918, 58.2566, 62.6398

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.



75.2443, 72.8905, 70.3696



62.8338, 72.8905, 79.1642



75.1700, 72.8905, 89.4740

Square

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



62.8338, 72.8905, 79.1642



69.2100, 72.8905, 99.9992



76.1532, 72.8905, 79.5669



69.3506, 72.8905, 61.7851

Rectangle

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



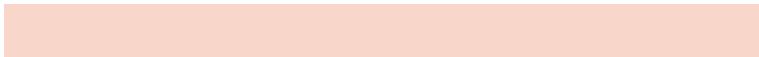
62.8338, 72.8905, 79.1642



65.0368, 72.8905, 94.7396



76.1532, 72.8905, 79.5669



73.7043, 72.8905, 65.7515

Sweetspot

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



62.8359, 72.8935, 79.1658



90.0435, 97.4734, 106.2112



61.5492, 72.6515, 60.0704



19.1278, 20.7901, 22.6536



0.0000, 0.0000, 0.0000



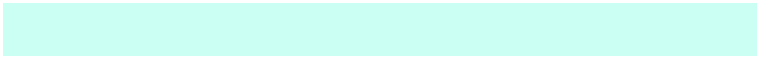
20.3446, 21.4041, 23.3091

Same Dimension

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



62.8359, 72.8935, 79.1658



76.8739, 90.8422, 98.4568



61.2594, 67.7689, 84.7185



14.6576, 16.2765, 17.7279



20.5567, 33.8548, 29.2296



1.5538, 2.5156, 2.3429

Inverse Universe

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



61.6918, 58.2566, 62.6398



75.1981, 69.3918, 74.2423



63.0195, 62.5468, 58.0425



14.5126, 14.4222, 15.6338



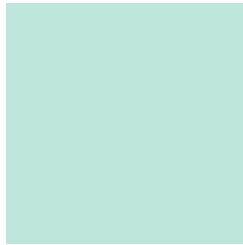
18.8789, 9.6858, 2.9911



1.4302, 0.7298, 0.4061

Previews

White Background



This preview shows how the XYZ color 62.8338, 72.8905, 79.1642 looks on a white background.

Color Contrast Check

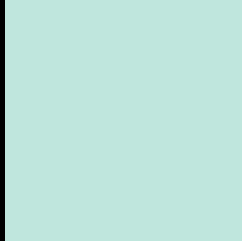
Large Text (above 18pt) WCAG AA × Fail

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 62.8338, 72.8905, 79.1642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

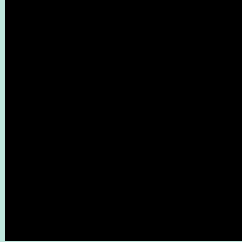
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

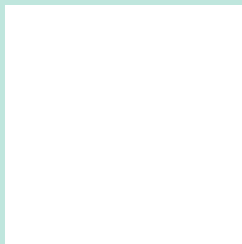
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.8338, 72.8905, 79.1642

Background



This preview shows how black text looks on a background with the XYZ color 62.8338, 72.8905, 79.1642.



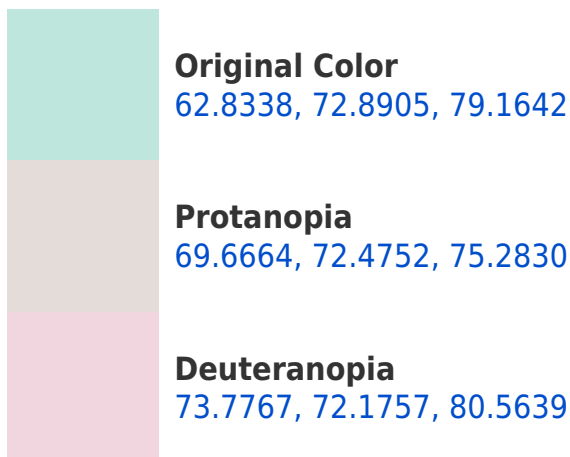
This preview shows how white text looks on a background with the XYZ color 62.8338, 72.8905,

79.1642.

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

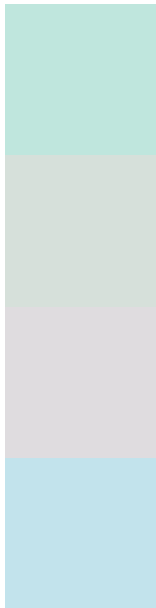




Tritanopia

66.1835, 72.5874, 96.9087

Trichromacy



Original Color

62.8338, 72.8905, 79.1642

Protanomaly

67.0421, 72.6694, 76.8228

Deuteranomaly

69.3439, 72.2021, 80.0936

Tritanomaly

64.8575, 72.4636, 89.9254

Monochromacy



Original Color

62.8338, 72.8905, 79.1642

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

64.7886, 70.7144, 76.5642

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8338, 72.8905, 79.1642 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(191, 230, 221)` looks like.

```
.text, #text, p{  
    color:rgb(191, 230, 221)  
}
```

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(191, 230, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 230, 221) }
```

Border

The CSS property to change the border of an element to XYZ 62.8338, 72.8905, 79.1642 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(191, 230, 221) }
```


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

```
.border{ border-color:rgb(191, 230, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 230, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 230, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 230, 221); box-shadow:4px 4px 4px 4px rgb(191, 230, 221) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8338, 72.8905, 79.1642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 230, 221) }
```

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

```
.background{ background-color: rgb(191,  
230, 221) }
```

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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