

Converting Colors

XYZ(62.6639, 71.2323, 81.2299)

Have a look what the booklet for
XYZ(62.6639, 71.2323, 81.2299)
contains.

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Color

**XYZ(62.6432, 71.1120,
80.9453)**

Conversions

Conversions Part 1

Format	Color
Hex	C1E2E0
RGB	193, 226, 224
RGB Percent	76%, 89%, 88%
CMY	0.2431, 0.1137, 0.1216
CMYK	0.15, 0.00, 0.01, 0.11
HSL	176°, 36%, 82%
HSV	176°, 15%, 89%
XYZ	62.6432, 71.1120, 80.9453
YIQ	215.9050, -19.0260, -7.6180

Conversions

Conversions Part 2

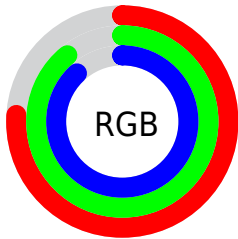
Format	Color
R_{YB}	193, 210, 226
Decimal	12706528
CIE _{Lab}	87.54, -11.16, -2.66
CIE _{LCh}	88, 11.477, 193.414
Yxy	71.1120, 0.2918, 0.3312
Android (android.graphics.Color)	4290896608 (0xFFC1E2E0)
YUV	215.9050, 3.9908, -20.0877
Hunter-Lab	84.3279, -14.9747, 2.1178

Details

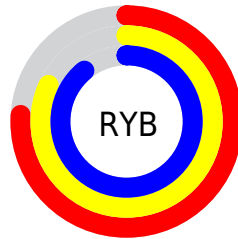
The XYZ color **62.6432, 71.1120, 80.9453** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.2869, 58.2507, 59.6989**, and the grayscale version is **65.1902, 68.5852, 74.6893**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **32.3718, 37.4794, 43.0642** is the 20% darker color. If you saturate the color by 10%, you get **57.1316, 68.2940, 79.7214**, and if you desaturate by 10%, it is **69.0409, 74.3904, 82.2215**.

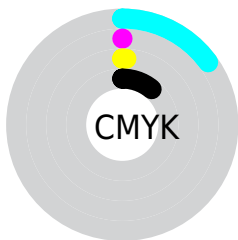
Distribution



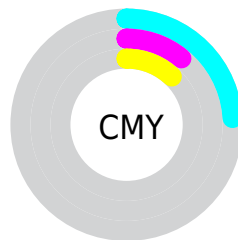
- Red (76%)
- Green (89%)
- Blue (88%)



- Red (76%)
- Yellow (82%)
- Blue (89%)



- Cyan (15%)
- Magenta (0%)
- Yellow (1%)
- Black (11%)



- Cyan (24%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.6432, 71.1120, 80.9453 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 62.6432, 71.1120, 80.9453 by changing the saturation by 10% instead.

62.6432, 71.1120,
80.9453

62.6432, 71.1120,
80.9453

423.9537,
464.4449, 517.9034

45.8102, 52.4336,
59.9658

107.7393,
120.7932, 136.5173

32.3000, 37.3508,
42.9660

136.7331,
152.5648, 171.9470

21.7474, 25.4792,
29.5272

170.5112,
189.4695, 213.0304

13.7870, 16.4345,
19.2310

209.4390,
231.8919, 260.1862

8.0534, 9.8321,
11.6588

253.8817,
280.2162, 313.8328

4.1812, 5.2878,
6.3921

304.2049,

1.8052, 2.4171,

334.8268, 374.3889

3.0123

360.7737,
396.1083, 442.2729

■ 0.5208, 0.8347,
1.1009

■ 0.0000, 0.0000,
0.0000

■ 62.6432, 71.1120,
80.9453

■ 62.6432, 71.1120,
80.9453

■ 57.1316, 68.2940,
79.7214

■ 69.0409, 74.3904,
82.2215

■ 52.4600, 65.9069,
78.5432


■ 76.3557, 78.1396,
83.5469


■ 48.5876, 63.9317,
77.4101


■ 82.4575, 81.2633,
84.8235


■ 45.4677, 62.3442,
76.3201


■ 82.6489, 81.3398,
85.8313


 43.0488, 61.1179,
75.2706


 82.8418, 81.4170,
86.8472


 41.2728, 60.2230,
74.2590


 83.0363, 81.4948,
87.8710


 40.0725, 59.6246,
73.2821

 83.2322, 81.5732,
88.9028

 39.3657, 59.2804,
72.3359

 83.4297, 81.6521,
89.9427

 39.1175, 59.1633,
71.8347

 83.6287, 81.7317,
90.9906

Harmonies

Analogous

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



62.7143, 71.1120, 73.2434



62.6432, 71.1120, 80.9453



63.8721, 71.1120, 88.1530

Triad

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



62.6432, 71.1120, 80.9453



71.2374, 71.1120, 88.7921



69.0894, 71.1120, 63.9796

Complementary

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



62.6432, 71.1120, 80.9453



60.2869, 58.2507, 59.6989

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.



71.4491, 71.1120, 67.6118



62.6432, 71.1120, 80.9453



72.7117, 71.1120, 81.7708

Square

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



62.6432, 71.1120, 80.9453



68.8068, 71.1120, 92.8835



72.7902, 71.1120, 74.0158



66.3873, 71.1120, 63.7913

Rectangle

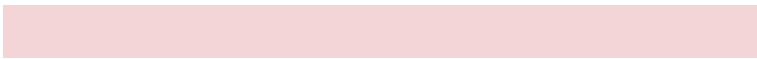
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.6432, 71.1120, 80.9453



65.2828, 71.1120, 91.5668



72.7902, 71.1120, 74.0158



69.9506, 71.1120, 64.8267

Sweetspot

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



62.6452, 71.1150, 80.9469



91.2969, 98.0767, 108.2049



59.3815, 69.8747, 60.8107



19.3949, 20.9175, 23.1326



0.0000, 0.0000, 0.0000



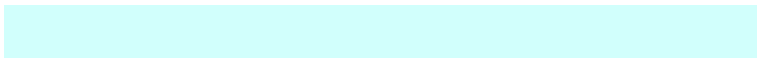
20.3446, 21.4041, 23.3091

Same Dimension

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



62.6452, 71.1150, 80.9469



79.6874, 92.1317, 105.8564



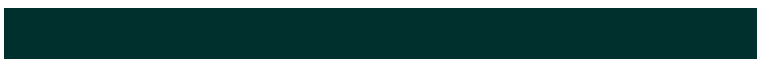
59.1904, 63.7679, 81.1437



14.0788, 15.5572, 17.4500



22.3316, 33.7575, 41.0650



1.5590, 2.3443, 2.9046

Inverse Universe

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



60.2869, 58.2507, 59.6989



75.9343, 71.6577, 72.0413



63.3778, 64.7926, 59.6191



13.7408, 13.7140, 14.4053



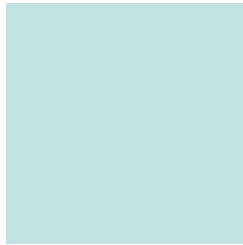
17.9518, 9.2477, 1.1458



1.2564, 0.6458, 0.1429

Previews

White Background



This preview shows how the XYZ color 62.6432, 71.1120, 80.9453 looks on a white background.

Color Contrast Check

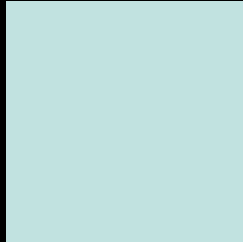
Large Text (above 18pt) WCAG AA × Fail

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 62.6432, 71.1120, 80.9453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

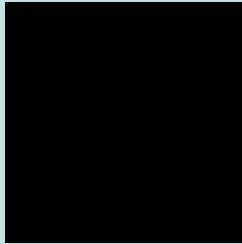
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

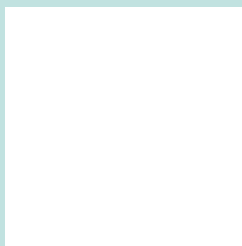
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.6432, 71.1120, 80.9453

Background



This preview shows how black text looks on a background with the XYZ color 62.6432, 71.1120, 80.9453.

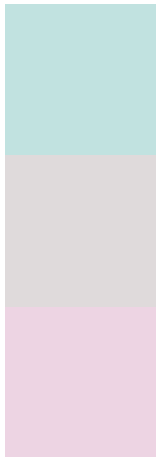


This preview shows how white text looks on a background with the XYZ color 62.6432, 71.1120,

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

62.6432, 71.1120, 80.9453

Protanopia

68.2890, 70.9453, 77.1124

Deuteranopia

72.3337, 70.6375, 82.4951



Tritanopia

65.0298, 70.8620, 93.4694

Trichromacy



Original Color

62.6432, 71.1120, 80.9453

Protanomaly

66.0590, 70.9304, 78.6159

Deuteranomaly

68.3591, 70.4888, 81.9543

Tritanomaly

64.1567, 70.9116, 88.9031

Monochromacy



Original Color

62.6432, 71.1120, 80.9453

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.3918, 69.7108, 77.0795

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6432, 71.1120, 80.9453 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(193, 226, 224)` looks like.

```
.text, #text, p{  
    color:rgb(193, 226, 224)  
}
```

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(193, 226, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 226, 224) }
```

Border

The CSS property to change the border of an element to XYZ 62.6432, 71.1120, 80.9453 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(193, 226, 224) }
```


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

```
.border{ border-color:rgb(193, 226, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 226, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 226, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 226, 224);  
box-shadow:4px 4px 4px 4px rgb(193, 226,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6432, 71.1120, 80.9453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 226, 224) }
```

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

```
.background{ background-color: rgb(193,  
226, 224) }
```

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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