

Converting Colors

XYZ(60.9442, 72.6692, 82.7660)

Have a look what the booklet for
XYZ(60.9442, 72.6692, 82.7660)
contains.

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Color

**XYZ(60.9442, 72.6692,
82.7660)**

Conversions

Conversions Part 1

Format	Color
Hex	B2E8E2
RGB	178, 232, 226
RGB Percent	70%, 91%, 89%
CMY	0.3020, 0.0902, 0.1137
CMYK	0.23, 0.00, 0.03, 0.09
HSL	173°, 54%, 80%
HSV	173°, 23%, 91%
XYZ	60.9442, 72.6692, 82.7660
YIQ	215.1700, -30.2580, -13.3140

Conversions

Conversions Part 2

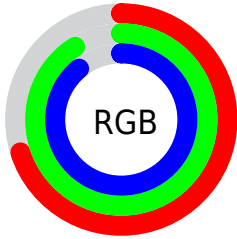
Format	Color
RYB	178, 207, 232
Decimal	11725026
CIELab	88.29, -18.37, -2.72
CIElCh	88, 18.568, 188.415
Yxy	72.6692, 0.2817, 0.3358
Android (android.graphics.Color)	4289915106 (0xFFB2E8E2)
YUV	215.1700, 5.3392, -32.5981
Hunter-Lab	85.2462, -21.5678, 2.1074

Details

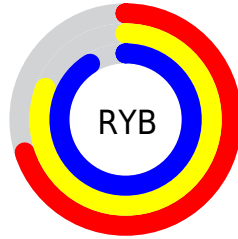
The XYZ color **60.9442, 72.6692, 82.7660** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **57.8534, 52.4593, 52.4269**, and the grayscale version is **64.6878, 68.0566, 74.1136**.

A 20% lighter version of the original color is **88.0709, 96.4022, 108.5734**, and **31.1882, 38.2760, 44.2723** is the 20% darker color. If you saturate the color by 10%, you get **55.7139, 70.0154, 80.6891**, and if you desaturate by 10%, it is **67.0843, 75.7952, 84.9164**.

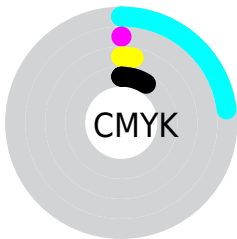
Distribution



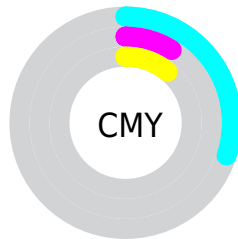
- Red (70%)
- Green (91%)
- Blue (89%)



- Red (70%)
- Yellow (81%)
- Blue (91%)



- Cyan (23%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)



- Cyan (30%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.9442, 72.6692, 82.7660 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 60.9442, 72.6692, 82.7660 by changing the saturation by 10% instead.

60.9442, 72.6692,
82.7660

60.9442, 72.6692,
82.7660

417.8486,
469.8675, 524.1569

44.4325, 53.7055,
61.4576

105.2967,
123.0075, 139.0940

31.2100, 38.3663,
44.1617

133.8682,
155.1509, 174.9507

20.9115, 26.2671,
30.4595

167.1904,
192.4563, 216.4939

13.1714, 17.0236,
19.9326

205.6286,
235.3081, 264.1422

7.6245, 10.2513,
12.1625

249.5482,
284.0908, 318.3141

3.9054, 5.5659,
6.7305

299.3144,

1.6487, 2.5830,

339.1886, 379.4282

3.2183

355.2928,
400.9861, 447.9029

■ 0.4239, 0.9181,
1.2071

■ 0.0000, 0.0000,
0.0000

■ 60.9442, 72.6692,
82.7660

■ 60.9442, 72.6692,
82.7660

■ 55.7139, 70.0154,
80.6891

■ 67.0843, 75.7952,
84.9164

■ 51.3418, 67.8014,
78.6785

■ 74.1700, 79.4062,
87.1373

■ 47.7807, 66.0050,
76.7334

■ 82.2428, 83.5255,
89.4325

■ 44.9765, 64.5981,
74.8511

■ 85.2844, 85.0504,
91.5204

42.8683, 63.5495,
73.0288

85.6626, 85.2017,
93.5119

41.3858, 62.8227,
71.2629

86.0462, 85.3551,
95.5321

40.4437, 62.3740,
69.5493

86.4353, 85.5108,
97.5810

40.0246, 62.1825,
68.4223

86.8299, 85.6686,
99.6587

87.2300, 85.8286,
101.7655

Harmonies

Analogous

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



61.4128, 72.6692, 70.4448



60.9442, 72.6692, 82.7660



62.5783, 72.6692, 95.3535

Triad

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



60.9442, 72.6692, 82.7660



74.5257, 72.6692, 99.9268



72.2668, 72.6692, 58.4495

Complementary

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



60.9442, 72.6692, 82.7660



57.8534, 52.4593, 52.4269

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.



75.9956, 72.6692, 64.8499



60.9442, 72.6692, 82.7660



77.3384, 72.6692, 88.4892

Square

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



60.9442, 72.6692, 82.7660



70.3300, 72.6692, 105.9346



77.8875, 72.6692, 75.5912



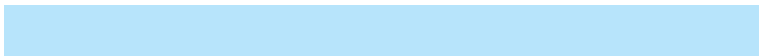
67.8249, 72.6692, 57.2684

Rectangle

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



60.9442, 72.6692, 82.7660



64.6832, 72.6692, 101.8965



77.8875, 72.6692, 75.5912



73.6506, 72.6692, 60.0261

Sweetspot

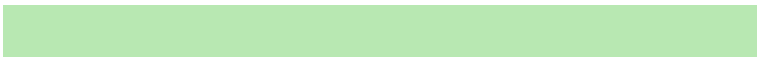
The Sweet Spot groups the original color and five complimentary colors.



60.9463, 72.6722, 82.7676



88.4673, 96.6432, 106.9330



56.7338, 71.1581, 52.8655



18.8202, 20.6268, 22.8522



0.0000, 0.0000, 0.0000



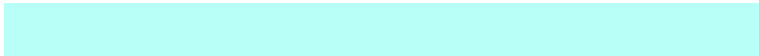
20.3446, 21.4041, 23.3091

Same Dimension

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



60.9463, 72.6722, 82.7676



72.2297, 88.3803, 101.2990



56.2966, 62.0314, 85.3535



14.7348, 16.3073, 18.1342



22.2484, 34.5315, 38.1381



1.6639, 2.5597, 2.9225

Inverse Universe

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



57.8534, 52.4593, 52.4269



67.7607, 59.1603, 57.4483



61.6716, 61.0815, 50.6603



14.4418, 14.3939, 15.2609



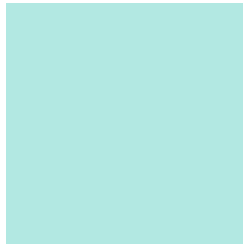
18.5999, 9.5742, 1.5222



1.3963, 0.7162, 0.2274

Previews

White Background



This preview shows how the XYZ color 60.9442, 72.6692, 82.7660 looks on a white background.

Color Contrast Check

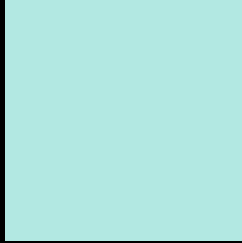
Large Text (above 18pt) WCAG AA × Fail

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 60.9442, 72.6692, 82.7660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

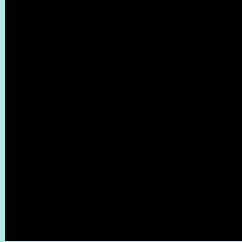
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

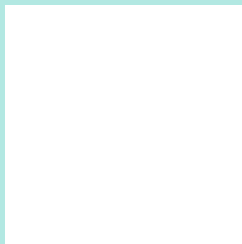
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.9442, 72.6692, 82.7660

Background



This preview shows how black text looks on a background with the XYZ color 60.9442, 72.6692, 82.7660.



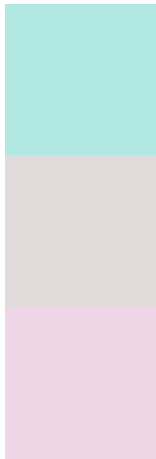
This preview shows how white text looks on a background with the XYZ color 60.9442, 72.6692, 82.7660.

82.7660.

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

60.9442, 72.6692, 82.7660

Protanopia

69.4307, 72.3084, 77.3154

Deuteranopia

73.5894, 71.9834, 84.8785



Tritanopia

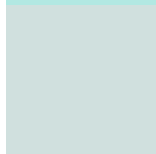
64.0992, 72.6991, 98.6496

Trichromacy



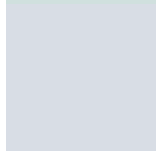
Original Color

60.9442, 72.6692, 82.7660



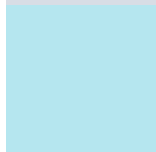
Protanomaly

65.8529, 71.9951, 79.5329



Deuteranomaly

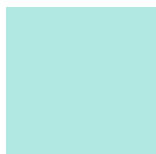
68.3182, 71.9690, 84.4194



Tritanomaly

62.9329, 72.6494, 92.3672

Monochromacy



Original Color

60.9442, 72.6692, 82.7660



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

62.9998, 69.3839, 77.0898

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9442, 72.6692, 82.7660 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(178, 232, 226)` looks like.

```
.text, #text, p{  
    color:rgb(178, 232, 226)  
}
```

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(178, 232, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 232, 226) }
```

Border

The CSS property to change the border of an element to XYZ 60.9442, 72.6692, 82.7660 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(178, 232, 226) }
```


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

```
.border{ border-color:rgb(178, 232, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 232, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 232, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 232, 226);  
box-shadow:4px 4px 4px 4px rgb(178, 232,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9442, 72.6692, 82.7660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 232, 226) }
```

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

```
.background{ background-color: rgb(178,  
232, 226) }
```

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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