

Converting Colors

XYZ(60.5391, 72.0653, 83.2240)

Have a look what the booklet for
XYZ(60.5391, 72.0653, 83.2240)
contains.

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Color

**XYZ(60.5725, 72.0450,
83.3866)**

Conversions

Conversions Part 1

Format	Color
Hex	B1E7E3
RGB	177, 231, 227
RGB Percent	69%, 91%, 89%
CMY	0.3059, 0.0941, 0.1098
CMYK	0.23, 0.00, 0.02, 0.09
HSL	176°, 53%, 80%
HSV	176°, 23%, 91%
XYZ	60.5725, 72.0450, 83.3866
YIQ	214.3980, -30.9000, -12.6920

Conversions

Conversions Part 2

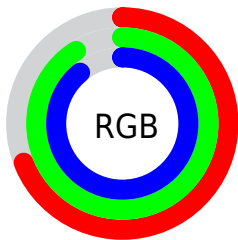
Format	Color
RYB	177, 205, 231
Decimal	11659235
CIELab	87.99, -17.96, -3.69
CIElCh	88, 18.331, 191.609
Yxy	72.0450, 0.2804, 0.3335
Android (android.graphics.Color)	4289849315 (0xFFB1E7E3)
YUV	214.3980, 6.2128, -32.7980
Hunter-Lab	84.8793, -21.1557, 1.1682

Details

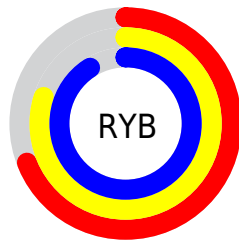
The XYZ color **60.5725, 72.0450, 83.3866** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **57.0202, 51.7714, 50.7066**, and the grayscale version is **64.1606, 67.5020, 73.5096**.

A 20% lighter version of the original color is **87.7417, 96.2324, 108.5580**, and **30.9447, 37.8495, 44.7044** is the 20% darker color. If you saturate the color by 10%, you get **55.5151, 69.4669, 81.9237**, and if you desaturate by 10%, it is **66.5271, 75.0891, 84.9068**.

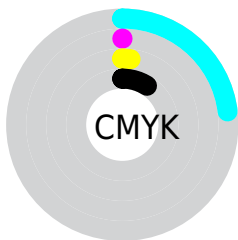
Distribution



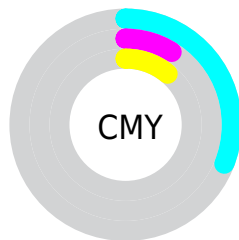
- Red (69%)
- Green (91%)
- Blue (89%)



- Red (69%)
- Yellow (80%)
- Blue (91%)



- Cyan (23%)
- Magenta (0%)
- Yellow (2%)
- Black (9%)



- Cyan (31%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5725, 72.0450, 83.3866 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 60.5725, 72.0450, 83.3866 by changing the saturation by 10% instead.

60.5725, 72.0450,
83.3866

60.5725, 72.0450,
83.3866

416.5058,
467.6982, 526.2788

44.1315, 53.1954,
61.9667

104.7613,
122.1205, 139.9709

30.9722, 37.9588,
44.5702

133.2398,
154.1152, 175.9723

20.7294, 25.9507,
30.7785

166.4616,
191.2605, 217.6713

13.0377, 16.7868,
20.1732

204.7919,
233.9406, 265.4864

7.5317, 10.0826,
12.3357

248.5961,
282.5401, 319.8361

3.8460, 5.4537,
6.8474

298.2396,

1.6154, 2.5159,

337.4432, 381.1391

3.2899

354.0877,
399.0345, 449.8138

■ 0.4024, 0.8846,
1.2445

■ 0.0000, 0.0000,
0.0156

■ 60.5725, 72.0450,
83.3866

■ 60.5725, 72.0450,
83.3866

■ 55.5151, 69.4669,
81.9237

■ 66.5271, 75.0891,
84.9068

■ 51.3038, 67.3227,
80.5111

■ 73.4142, 78.6119,
86.4814

■ 47.8919, 65.5905,
79.1482

■ 81.2751, 82.6363,
88.1140

■ 45.2258, 64.2424,
77.8323

■ 84.6471, 84.3463,
89.5488

43.2451, 63.2475,
76.5606

84.8941, 84.4452,
90.8498

41.8803, 62.5697,
75.3298

85.1436, 84.5449,
92.1634

41.0468, 62.1656,
74.1359

85.3954, 84.6457,
93.4895

40.6996, 62.0034,
73.3615

85.6497, 84.7474,
94.8283

85.9063, 84.8500,
96.1798

Harmonies

Analogous

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



60.8099, 72.0450, 71.0958



60.5725, 72.0450, 83.3866



62.3852, 72.0450, 95.5311

Triad

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



60.5725, 72.0450, 83.3866



74.2082, 72.0450, 97.8450



71.1616, 72.0450, 57.7567

Complementary

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



60.5725, 72.0450, 83.3866



57.0202, 51.7714, 50.7066

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.



74.9522, 72.0450, 63.5278



60.5725, 72.0450, 83.3866



76.7621, 72.0450, 86.2835

Square

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



60.5725, 72.0450, 83.3866



70.1811, 72.0450, 104.4522



77.0400, 72.0450, 73.7021



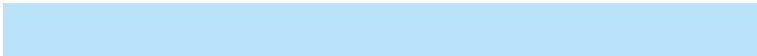
66.8000, 72.0450, 57.1580

Rectangle

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



60.5725, 72.0450, 83.3866



64.5591, 72.0450, 101.5720



77.0400, 72.0450, 73.7021



72.5495, 72.0450, 59.1250

Sweetspot

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



60.5746, 72.0479, 83.3882



88.5728, 96.6854, 107.4887



55.6874, 70.2135, 52.2138



18.8447, 20.6366, 22.9813



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.



60.5746, 72.0479, 83.3882



72.6409, 88.5448, 103.4644



55.2354, 60.4750, 84.3663



14.7589, 16.3170, 18.2612



22.8361, 34.7665, 41.2326



1.7014, 2.5747, 3.1199

Inverse Universe

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



57.0202, 51.7714, 50.7066



67.4712, 59.0445, 55.9236



61.4320, 61.2430, 50.1796



14.4201, 14.3852, 15.1468



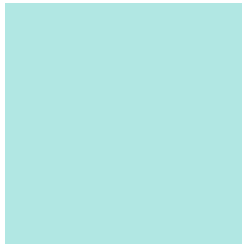
18.5492, 9.5539, 1.2551



1.3860, 0.7121, 0.1730

Previews

White Background



This preview shows how the XYZ color 60.5725, 72.0450, 83.3866 looks on a white background.

Color Contrast Check

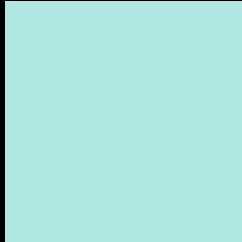
Large Text (above 18pt) WCAG AA × Fail

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 60.5725, 72.0450, 83.3866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

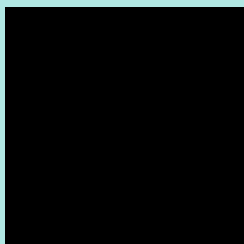
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

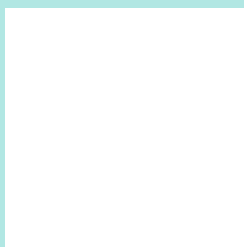
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.5725, 72.0450, 83.3866

Background



This preview shows how black text looks on a background with the XYZ color 60.5725, 72.0450, 83.3866.

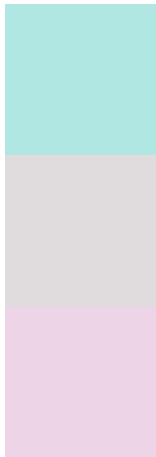


This preview shows how white text looks on a background with the XYZ color 60.5725, 72.0450,

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

60.5725, 72.0450, 83.3866

Protanopia

68.9903, 71.6776, 77.9091

Deuteranopia

73.1431, 71.3625, 85.5206



Tritanopia

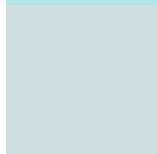
63.4340, 71.9644, 97.7360

Trichromacy



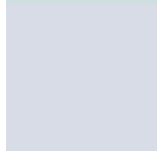
Original Color

60.5725, 72.0450, 83.3866



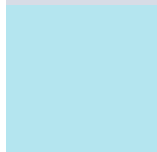
Protanomaly

65.4391, 71.3685, 80.1385



Deuteranomaly

67.9005, 71.3466, 85.0555



Tritanomaly

62.4217, 71.9739, 92.2637

Monochromacy



Original Color

60.5725, 72.0450, 83.3866



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

62.4668, 68.7184, 76.9895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5725, 72.0450, 83.3866 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(177, 231, 227)` looks like.

```
.text, #text, p{  
    color:rgb(177, 231, 227)  
}
```

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(177, 231, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 231, 227) }
```

Border

The CSS property to change the border of an element to XYZ 60.5725, 72.0450, 83.3866 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(177, 231, 227) }
```


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

```
.border{ border-color:rgb(177, 231, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 231, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 231, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 231, 227);  
box-shadow:4px 4px 4px 4px rgb(177, 231,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5725, 72.0450, 83.3866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 231, 227) }
```

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

```
.background{ background-color: rgb(177,  
231, 227) }
```

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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