

Converting Colors

XYZ(61.5567, 73.0659, 83.3544)

Have a look what the booklet for
XYZ(61.5567, 73.0659, 83.3544)
contains.

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Color

**XYZ(61.5441, 72.9626,
83.5125)**

Conversions

Conversions Part 1

Format	Color
Hex	B4E8E3
RGB	180, 232, 227
RGB Percent	71%, 91%, 89%
CMY	0.2941, 0.0902, 0.1098
CMYK	0.22, 0.00, 0.02, 0.09
HSL	174°, 53%, 81%
HSV	174°, 22%, 91%
XYZ	61.5441, 72.9626, 83.5125
YIQ	215.8820, -29.3870, -12.5790

Conversions

Conversions Part 2

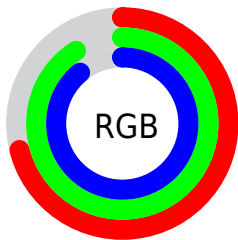
Format	Color
R_{YB}	180, 207, 232
Decimal	11856099
CIE _{Lab}	88.43, -17.56, -3.02
CIE _{LCh}	88, 17.821, 189.766
Yxy	72.9626, 0.2823, 0.3347
Android (android.graphics.Color)	4290046179 (0xFFB4E8E3)
YUV	215.8820, 5.4812, -31.4685
Hunter-Lab	85.4181, -20.8718, 1.8254

Details

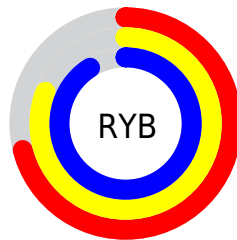
The XYZ color **61.5441, 72.9626, 83.5125** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **58.3595, 53.3030, 53.1145**, and the grayscale version is **65.1698, 68.5637, 74.6659**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **31.5759, 38.4648, 44.7900** is the 20% darker color. If you saturate the color by 10%, you get **56.2831, 70.2877, 81.6699**, and if you desaturate by 10%, it is **67.7173, 76.1111, 85.4218**.

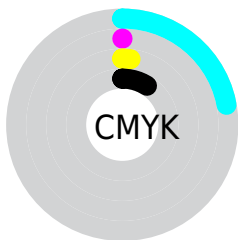
Distribution



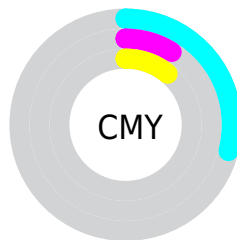
- Red (71%)
- Green (91%)
- Blue (89%)



- Red (71%)
- Yellow (81%)
- Blue (91%)



- Cyan (22%)
- Magenta (0%)
- Yellow (2%)
- Black (9%)



- Cyan (29%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.5441, 72.9626, 83.5125 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 61.5441, 72.9626, 83.5125 by changing the saturation by 10% instead.

61.5441, 72.9626,
83.5125

61.5441, 72.9626,
83.5125

420.0103,
470.8852, 526.7086

44.9186, 53.9454,
62.0700

106.1600,
123.4241, 140.1487

31.5943, 38.5580,
44.6531

134.8812,
155.6372, 176.1794

21.2059, 26.4161,
30.8433

168.3649,
193.0177, 217.9099

13.3879, 17.1351,
20.2221

206.9767,
235.9500, 265.7588

7.7750, 10.3309,
12.3709

251.0817,
284.8185, 320.1446

4.0019, 5.6189,
6.8712

301.0454,

1.7032, 2.6148,

340.0076, 381.4858

3.3045

357.2331,
401.9017, 450.2010

■ 0.4583, 0.9341,
1.2521

■ 0.0000, 0.0000,
0.0221

■ 61.5441, 72.9626,
83.5125

■ 61.5441, 72.9626,
83.5125

■ 56.2831, 70.2877,
81.6699

■ 67.7173, 76.1111,
85.4218

■ 51.8830, 68.0543,
79.8868

■ 74.8383, 79.7458,
87.3948

■ 48.2971, 66.2401,
78.1625

■ 82.9483, 83.8899,
89.4351

■ 45.4716, 64.8176,
76.4944

■ 85.2281, 85.0279,
91.2236

■ 43.3464, 63.7555,
74.8796

■ 85.5544, 85.1585,
92.9418

■ 41.8521, 63.0183,
73.3148

■ 85.8848, 85.2906,
94.6815

■ 40.9052, 62.5627,
71.7960

■ 86.2192, 85.4244,
96.4427

■ 40.4514, 62.3533,
70.6698

■ 86.5577, 85.5598,
98.2255

■ 86.9004, 85.6969,
100.0299

Harmonies

Analogous

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



61.9040, 72.9626, 71.5614



61.5441, 72.9626, 83.5125



63.2083, 72.9626, 95.5079

Triad

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



61.5441, 72.9626, 83.5125



74.7518, 72.9626, 98.9905



72.2367, 72.9626, 59.3025

Complementary

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



61.5441, 72.9626, 83.5125



58.3595, 53.3030, 53.1145

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.



75.8746, 72.9626, 65.2903



61.5441, 72.9626, 83.5125



77.3677, 72.9626, 87.8849

Square

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



61.5441, 72.9626, 83.5125



70.7552, 72.9626, 105.0324



77.7868, 72.9626, 75.5096



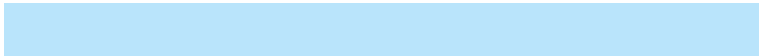
67.9611, 72.9626, 58.3905

Rectangle

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



61.5441, 72.9626, 83.5125



65.2834, 72.9626, 101.6165



77.7868, 72.9626, 75.5096



73.5794, 72.9626, 60.7567

Sweetspot

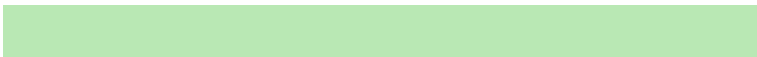
The Sweet Spot groups the original color and five complimentary colors.



61.5462, 72.9656, 83.5142



88.5099, 96.6602, 107.1571



57.1529, 71.3507, 53.9410



18.8301, 20.6307, 22.9043



0.0000, 0.0000, 0.0000



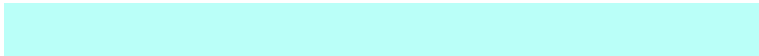
20.3446, 21.4041, 23.3091

Same Dimension

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



61.5462, 72.9656, 83.5142



73.0479, 88.7786, 102.3991



56.7340, 62.2199, 85.3669



14.7445, 16.3112, 18.1854



22.4819, 34.6249, 39.3678



1.6788, 2.5656, 3.0012

Inverse Universe

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



58.3595, 53.3030, 53.1145



68.4310, 60.2812, 58.3487



62.3595, 62.1336, 51.8875



14.4330, 14.3904, 15.2148



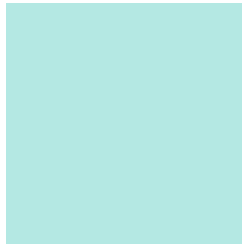
18.5776, 9.5652, 1.4046



1.3921, 0.7146, 0.2055

Previews

White Background



This preview shows how the XYZ color 61.5441, 72.9626, 83.5125 looks on a white background.

Color Contrast Check

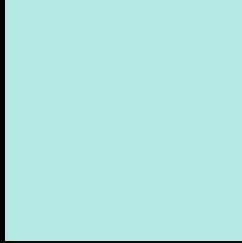
Large Text (above 18pt) WCAG AA × Fail

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 61.5441, 72.9626, 83.5125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

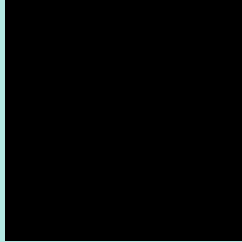
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

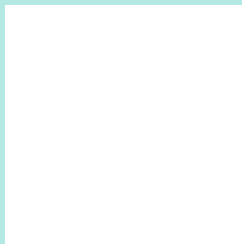
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.5441, 72.9626, 83.5125

Background



This preview shows how black text looks on a background with the XYZ color 61.5441, 72.9626, 83.5125.

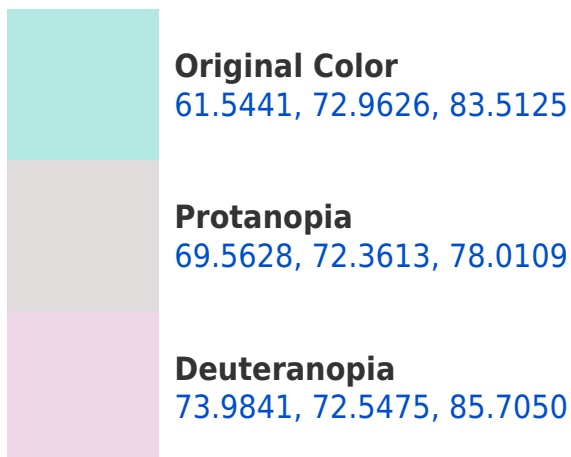


This preview shows how white text looks on a background with the XYZ color 61.5441, 72.9626,

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

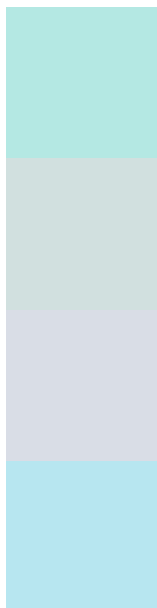




Tritanopia

64.5750, 72.9444, 98.6719

Trichromacy



Original Color

61.5441, 72.9626, 83.5125

Protanomaly

66.2694, 72.1943, 80.2542

Deuteranomaly

68.7547, 72.1778, 85.1709

Tritanomaly

63.5534, 72.9522, 93.1696

Monochromacy



Original Color

61.5441, 72.9626, 83.5125

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

63.6681, 70.1064, 77.8864

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5441, 72.9626, 83.5125 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(180, 232, 227)` looks like.

```
.text, #text, p{  
    color:rgb(180, 232, 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(180, 232, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 232, 227) }
```

Border

The CSS property to change the border of an element to XYZ 61.5441, 72.9626, 83.5125 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(180, 232, 227) }
```


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

```
.border{ border-color:rgb(180, 232, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 232, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 232, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 232, 227);  
box-shadow:4px 4px 4px 4px rgb(180, 232,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5441, 72.9626, 83.5125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 232, 227) }
```

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

```
.background{ background-color: rgb(180,  
232, 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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