

Converting Colors

XYZ(60.1840, 73.6667, 81.2997)

Have a look what the booklet for
XYZ(60.1840, 73.6667, 81.2997)
contains.

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Color

**XYZ(60.1761, 73.5691,
81.5497)**

Conversions

Conversions Part 1

Format	Color
Hex	ACEBE0
RGB	172, 235, 224
RGB Percent	67%, 92%, 88%
CMY	0.3255, 0.0784, 0.1216
CMYK	0.27, 0.00, 0.05, 0.08
HSL	170°, 61%, 80%
HSV	170°, 27%, 92%
XYZ	60.1761, 73.5691, 81.5497
YIQ	214.9090, -34.0170, -16.7770

Conversions

Conversions Part 2

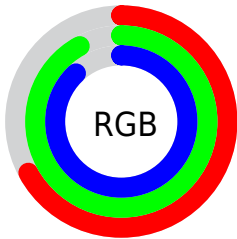
Format	Color
RYB	172, 207, 235
Decimal	11332576
CIELab	88.72, -22.04, -1.08
CIELCh	89, 22.062, 182.805
Yxy	73.5691, 0.2795, 0.3417
Android (android.graphics.Color)	4289522656 (0xFFACEBE0)
YUV	214.9090, 4.4819, -37.6312
Hunter-Lab	85.7724, -24.8700, 3.6697

Details

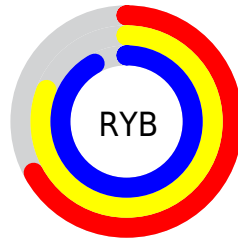
The XYZ color **60.1761, 73.5691, 81.5497** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **57.5632, 50.5880, 51.5331**, and the grayscale version is **64.5185, 67.8785, 73.9197**.

A 20% lighter version of the original color is **86.1231, 95.3980, 108.4822**, and **30.7527, 38.9563, 43.4346** is the 20% darker color. If you saturate the color by 10%, you get **54.9181, 70.9240, 78.4343**, and if you desaturate by 10%, it is **66.3638, 76.6958, 84.7819**.

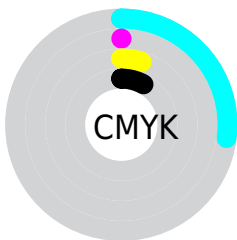
Distribution



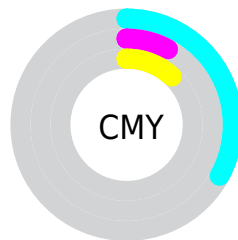
- Red (67%)
- Green (92%)
- Blue (88%)



- Red (67%)
- Yellow (81%)
- Blue (92%)



- Cyan (27%)
- Magenta (0%)
- Yellow (5%)
- Black (8%)



- Cyan (33%)
- Magenta (8%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1761, 73.5691, 81.5497 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 60.1761, 73.5691, 81.5497 by changing the saturation by 10% instead.

60.1761, 73.5691,
81.5497

60.1761, 73.5691,
81.5497

415.0709,
472.9849, 519.9841

43.8106, 54.4414,
60.4608

104.1900,
124.2848, 137.3734

30.7189, 38.9547,
43.3624

132.5691,
156.6416, 172.9452

20.5357, 26.7245,
29.8361

165.6834,
194.1769, 214.1817

12.8955, 17.3664,
19.4632

203.8983,
237.2751, 261.5015

7.4332, 10.4961,
11.8253

247.5791,
286.3206, 315.3231

3.7832, 5.7291,
6.5037

297.0913,

1.5802, 2.6811,

341.6978, 376.0650

3.0800

352.8001,
403.7911, 444.1458

■ 0.3795, 0.9676,
1.1356

■ 0.0000, 0.0000,
0.0000

■ 60.1761, 73.5691,
81.5497

■ 60.1761, 73.5691,
81.5497

■ 54.9181, 70.9240,
78.4343

■ 66.3638, 76.6958,
84.7819

■ 50.5353, 68.7265,
75.4279


■ 73.5194, 80.3180,
88.1285


■ 46.9772, 66.9528,
72.5293


■ 81.6868, 84.4602,
91.5935


■ 44.1857, 65.5727,
69.7352


■ 86.7400, 86.9954,
94.9844


 42.0949, 64.5522,
67.0421

 87.3582, 87.2427,
98.2397


 40.6273, 63.8516,
64.4458

 87.9903, 87.4955,
101.5683

 39.6847, 63.4201,
61.9413

 88.6364, 87.7540,
104.9704

 39.4431, 63.3126,
61.1589

 88.9996, 87.8993,
106.8832

Harmonies

Analogous

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



61.1962, 73.5691, 67.4195



60.1761, 73.5691, 81.5497



61.6564, 73.5691, 97.0897

Triad

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



60.1761, 73.5691, 81.5497



75.6286, 73.5691, 107.4074



74.7167, 73.5691, 56.7217

Complementary

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



60.1761, 73.5691, 81.5497



57.5632, 50.5880, 51.5331

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.



78.9022, 73.5691, 65.2252



60.1761, 73.5691, 81.5497



79.4472, 73.5691, 94.2879

Square

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



60.1761, 73.5691, 81.5497



70.4281, 73.5691, 113.1587



80.6742, 73.5691, 78.6760



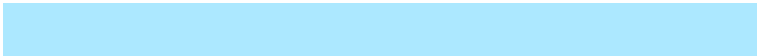
69.4247, 73.5691, 54.2089

Rectangle

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



60.1761, 73.5691, 81.5497



63.9082, 73.5691, 105.8460



80.6742, 73.5691, 78.6760



76.3086, 73.5691, 58.9161

Sweetspot

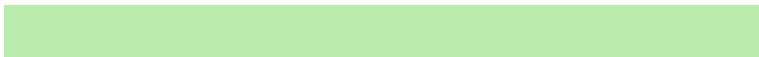
The Sweet Spot groups the original color and five complimentary colors.



60.1782, 73.5721, 81.5514



87.3706, 96.1068, 105.5742



56.8165, 72.5331, 50.0367



18.4107, 20.4238, 22.4656



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.



60.1782, 73.5721, 81.5514



68.9219, 86.7858, 96.1416



56.3240, 63.3977, 87.8691



15.3982, 17.0741, 18.7797



21.9934, 35.2518, 34.2597



1.7567, 2.7800, 2.8464

Inverse Universe

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



57.5632, 50.5880, 51.5331



65.2999, 54.9166, 54.5381



60.5484, 58.3203, 47.0967



15.1728, 15.0970, 16.1955



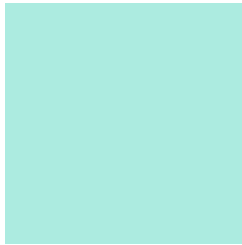
19.3233, 9.9320, 2.2381



1.5485, 0.7924, 0.3399

Previews

White Background



This preview shows how the XYZ color 60.1761, 73.5691, 81.5497 looks on a white background.

Color Contrast Check

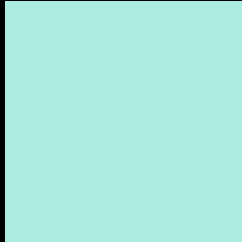
Large Text (above 18pt) WCAG AA × Fail

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 60.1761, 73.5691, 81.5497 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

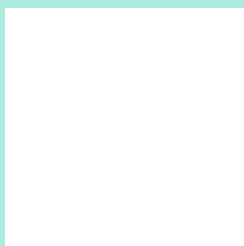
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.1761, 73.5691, 81.5497

Background



This preview shows how black text looks on a background with the XYZ color 60.1761, 73.5691, 81.5497.

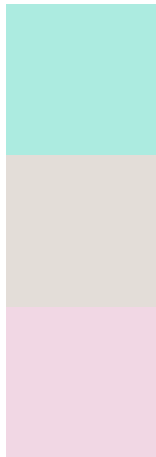


This preview shows how white text looks on a background with the XYZ color 60.1761, 73.5691,

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

60.1761, 73.5691, 81.5497

Protanopia

69.9297, 73.0017, 75.3708

Deuteranopia

74.5797, 72.9031, 83.5397



Tritanopia

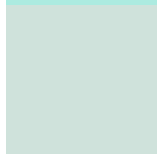
63.9627, 73.4011, 101.2391

Trichromacy



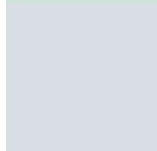
Original Color

60.1761, 73.5691, 81.5497



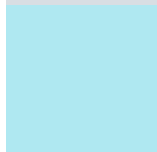
Protanomaly

65.7147, 72.7726, 77.6008



Deuteranomaly

68.3053, 72.3875, 83.0452



Tritanomaly

62.4130, 73.1781, 94.0544

Monochromacy



Original Color

60.1761, 73.5691, 81.5497



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

62.3294, 69.4466, 76.4491

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1761, 73.5691, 81.5497 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(172, 235, 224)` looks like.

```
.text, #text, p{  
    color:rgb(172, 235, 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(172, 235, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 235, 224) }
```

Border

The CSS property to change the border of an element to XYZ 60.1761, 73.5691, 81.5497 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(172, 235, 224) }
```


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

```
.border{ border-color:rgb(172, 235, 224) }
```

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

Here you see how a box with a 4 pixel rgb(172, 235, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 235, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 235, 224);  
box-shadow:4px 4px 4px 4px rgb(172, 235,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1761, 73.5691, 81.5497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 235, 224) }
```

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

```
.background{ background-color: rgb(172,  
235, 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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