

Converting Colors

XYZ(61.2435, 73.6361, 81.6181)

Have a look what the booklet for
XYZ(61.2435, 73.6361, 81.6181)
contains.

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Color

**XYZ(61.2375, 73.6924,
81.5175)**

Conversions

Conversions Part 1

Format	Color
Hex	B2EAE0
RGB	178, 234, 224
RGB Percent	70%, 92%, 88%
CMY	0.3019, 0.0823, 0.1216
CMYK	0.24, 0.00, 0.04, 0.08
HSL	169°, 57%, 81%
HSV	169°, 24%, 92%
XYZ	61.2375, 73.6924, 81.5175
YIQ	216.1160, -30.1660, -14.9820

Conversions

Conversions Part 2

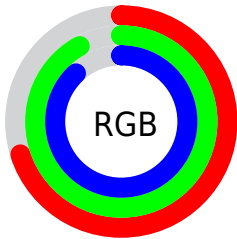
Format	Color
R_{YB}	178, 209, 234
Decimal	11725536
CIE _{Lab}	88.78, -19.78, -0.95
CIE _{LCh}	89, 19.801, 182.764
Yxy	73.6924, 0.2829, 0.3405
Android (android.graphics.Color)	4289915616 (0xFFB2EAE0)
YUV	216.1160, 3.8868, -33.4277
Hunter-Lab	85.8443, -22.8935, 3.7894

Details

The XYZ color **61.2375, 73.6924, 81.5175** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **58.9318, 52.9662, 54.6976**, and the grayscale version is **65.3401, 68.7428, 74.8609**.

A 20% lighter version of the original color is **88.0709, 96.4022, 108.5734**, and **31.3940, 38.9904, 43.4074** is the 20% darker color. If you saturate the color by 10%, you get **55.7602, 70.9354, 78.3396**, and if you desaturate by 10%, it is **67.6488, 76.9332, 84.8150**.

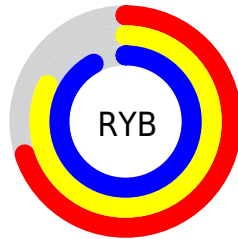
Distribution



Red (70%)

Green (92%)

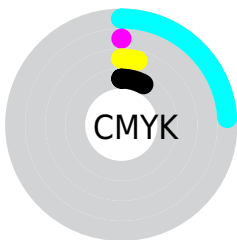
Blue (88%)



Red (70%)

Yellow (82%)

Blue (92%)

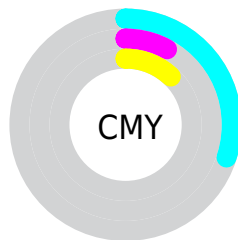


Cyan (24%)

Magenta (0%)

Yellow (4%)

Black (8%)



Cyan (30%)

Magenta (8%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2375, 73.6924, 81.5175 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 61.2375, 73.6924, 81.5175 by changing the saturation by 10% instead.

61.2375, 73.6924,
81.5175

61.2375, 73.6924,
81.5175

418.9063,
473.4111, 519.8733

44.6701, 54.5423,
60.4344

105.7189,
124.4597, 137.3278

31.3979, 39.0354,
43.3413

134.3637,
156.8456, 172.8920

21.0553, 26.7873,
29.8196

167.7649,
194.4124, 214.1204

13.2771, 17.4135,
19.4508

206.2881,
237.5442, 261.4315

7.6980, 10.5298,
11.8164

250.2984,
286.6256, 315.2438

3.9525, 5.7516,
6.4977

300.1613,

1.6753, 2.6946,

342.0410, 375.9758

3.0764

356.2422,
404.1747, 444.0462

■ 0.4407, 0.9745,
1.1338

■ 0.0000, 0.0000,
0.0000

■ 61.2375, 73.6924,
81.5175

■ 61.2375, 73.6924,
81.5175

■ 55.7602, 70.9354,
78.3396

■ 67.6488, 76.9332,
84.8150

■ 51.1639, 68.6290,
75.2736


■ 75.0311, 80.6710,
88.2296

■ 47.4003, 66.7503,
72.3183

■ 83.4270, 84.9296,
91.7654

■ 44.4134, 65.2704,
69.4706


■ 86.4996, 86.4424,
95.1264


 42.1404, 64.1570,
66.7269


 87.1303, 86.6947,
98.4478


 40.5087, 63.3727,
64.0833

 87.7755, 86.9527,
101.8452

 39.4297, 62.8717,
61.5353

 88.4351, 87.2166,
105.3190

 38.9615, 62.6632,
60.0315

 88.7141, 87.3282,
106.7880

Harmonies

Analogous

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



62.1663, 73.6924, 68.7590



61.2375, 73.6924, 81.5175



62.5775, 73.6924, 95.3810

Triad

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



61.2375, 73.6924, 81.5175



75.1474, 73.6924, 104.5333



74.3439, 73.6924, 58.9912

Complementary

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



61.2375, 73.6924, 81.5175



58.9318, 52.9662, 54.6976

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.



78.0786, 73.6924, 66.7900



61.2375, 73.6924, 81.5175



78.5572, 73.6924, 92.9295

Square

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



61.2375, 73.6924, 81.5175



70.4876, 73.6924, 109.5829



79.6533, 73.6924, 78.9729



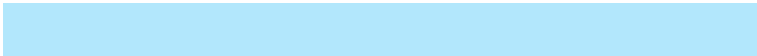
69.5991, 73.6924, 56.6646

Rectangle

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



61.2375, 73.6924, 81.5175



64.6144, 73.6924, 103.1309



79.6533, 73.6924, 78.9729



75.7662, 73.6924, 61.0122

Sweetspot

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



61.2396, 73.6954, 81.5192



88.2760, 96.5667, 105.9257



58.2658, 72.7883, 53.0996



18.7758, 20.6090, 22.6183



0.0000, 0.0000, 0.0000



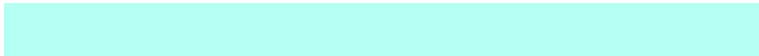
20.3446, 21.4041, 23.3091

Same Dimension

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



61.2396, 73.6954, 81.5192



70.8235, 87.7481, 97.0444



57.8379, 64.6566, 87.2769



15.3955, 17.0730, 18.7655



21.9358, 35.2288, 33.9568



1.7527, 2.7784, 2.8253

Inverse Universe

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



58.9318, 52.9662, 54.6976



67.5407, 58.2348, 58.8720



61.6499, 60.0688, 50.4661



15.1753, 15.0980, 16.2085



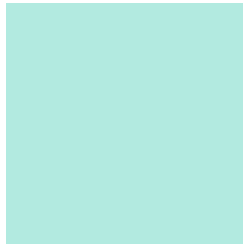
19.3331, 9.9359, 2.2896



1.5497, 0.7928, 0.3460

Previews

White Background



This preview shows how the XYZ color 61.2375, 73.6924, 81.5175 looks on a white background.

Color Contrast Check

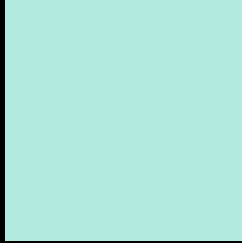
Large Text (above 18pt) WCAG AA × Fail

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 61.2375, 73.6924, 81.5175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

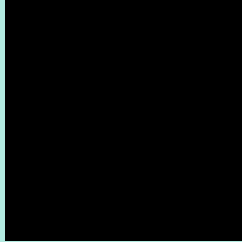
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

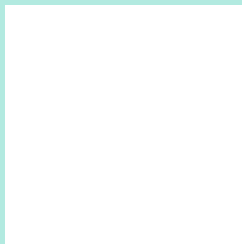
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.2375, 73.6924, 81.5175

Background



This preview shows how black text looks on a background with the XYZ color 61.2375, 73.6924, 81.5175.

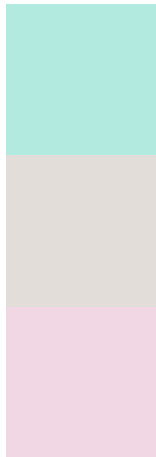


This preview shows how white text looks on a background with the XYZ color 61.2375, 73.6924,

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

61.2375, 73.6924, 81.5175

Protanopia

70.0594, 73.0536, 76.0539

Deuteranopia

74.5797, 72.9031, 83.5397



Tritanopia

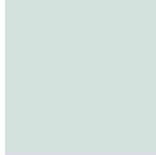
64.9241, 73.5005, 100.3877

Trichromacy



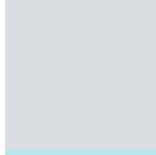
Original Color

61.2375, 73.6924, 81.5175



Protanomaly

66.4091, 73.1153, 78.3227



Deuteranomaly

68.8998, 72.6940, 83.0730



Tritanomaly

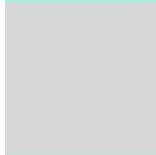
63.3601, 73.2669, 93.2406

Monochromacy



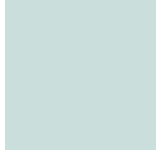
Original Color

61.2375, 73.6924, 81.5175



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

63.5310, 70.4464, 77.2669

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2375, 73.6924, 81.5175 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, 234, 224)` looks like.

```
.text, #text, p{  
    color:rgb(178, 234, 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(178, 234, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 234, 224) }
```

Border

The CSS property to change the border of an element to XYZ 61.2375, 73.6924, 81.5175 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, 234, 224) }
```


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

```
.border{ border-color:rgb(178, 234, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 234, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 234, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 234, 224);  
box-shadow:4px 4px 4px 4px rgb(178, 234,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2375, 73.6924, 81.5175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 234, 224) }
```

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

```
.background{ background-color: rgb(178,  
234, 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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