

Converting Colors

XYZ(61.4579, 71.4477, 76.7348)

Have a look what the booklet for
XYZ(61.4579, 71.4477, 76.7348)
contains.

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Color

**XYZ(61.3846, 71.3676,
76.8697)**

Conversions

Conversions Part 1

Format	Color
Hex	BDE4DA
RGB	189, 228, 218
RGB Percent	74%, 89%, 85%
CMY	0.2588, 0.1059, 0.1451
CMYK	0.17, 0.00, 0.04, 0.11
HSL	165°, 42%, 82%
HSV	165°, 17%, 89%
XYZ	61.3846, 71.3676, 76.8697
YIQ	215.1990, -20.0340, -11.3780

Conversions

Conversions Part 2

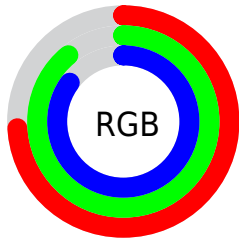
Format	Color
R _{YB}	189, 211, 228
Decimal	12444890
CIE Lab	87.66, -14.63, 0.64
CIE LCh	88, 14.646, 177.478
Yxy	71.3676, 0.2928, 0.3405
Android (android.graphics.Color)	4290634970 (0xFFBDE4DA)
YUV	215.1990, 1.3809, -22.9765
Hunter-Lab	84.4793, -18.1367, 5.1862

Details

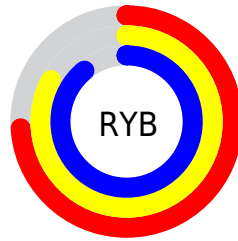
The XYZ color **61.3846, 71.3676, 76.8697** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.5039, 57.0146, 61.8521**, and the grayscale version is **64.7284, 68.0994, 74.1602**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **31.5461, 37.6824, 40.2611** is the 20% darker color. If you saturate the color by 10%, you get **55.4160, 68.3795, 72.6671**, and if you desaturate by 10%, it is **68.2733, 74.8308, 81.2594**.

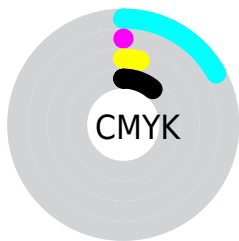
Distribution



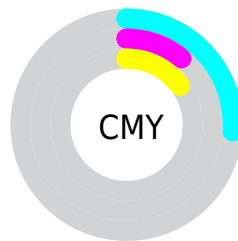
- Red (74%)
- Green (89%)
- Blue (85%)



- Red (74%)
- Yellow (83%)
- Blue (89%)



- Cyan (17%)
- Magenta (0%)
- Yellow (4%)
- Black (11%)





- Cyan (26%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.3846, 71.3676, 76.8697 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 61.3846, 71.3676, 76.8697 by changing the saturation by 10% instead.


 61.3846, 71.3676,
76.8697

 61.3846, 71.3676,
76.8697


419.4362,
465.3374, 503.7455

 44.7893, 52.6422,
56.6350


 105.9306,
121.1570, 130.7269

 31.4921, 37.5172,
40.3049

134.6120,
152.9898, 165.1864

 21.1275, 25.6082,
27.4607

168.0529,
189.9606, 205.2247

 13.3302, 16.5308,
17.6841

206.6185,
232.4537, 251.2602

 7.7349, 9.9005,
10.5563

250.6743,
280.8536, 303.7115

 3.9762, 5.3330,
5.6589

300.5856,

 1.6887, 2.4440,

335.5445, 362.9971

2.5734

356.7178,
396.9110, 429.5356

■ 0.4492, 0.8484,
0.8787

■ 0.0000, 0.0000,
0.0000

■ 61.3846, 71.3676,
76.8697

■ 61.3846, 71.3676,
76.8697

■ 55.4160, 68.3795,
72.6671

■ 68.2733, 74.8308,
81.2594

■ 50.3198, 65.8361,
68.6433

■ 76.1152, 78.7803,
85.8345

■ 46.0530, 63.7172,
64.7964

■ 84.0590, 82.7791,
90.5581

■ 42.5666, 61.9976,
61.1226

■ 84.9206, 83.1238,
95.0955

■ 39.8060, 60.6491,
57.6179

■ 85.8103, 83.4797,
99.7806

■ 37.7096, 59.6402,
54.2778

■ 86.7283, 83.8469,
104.6149

■ 36.2053, 58.9335,
51.0975

■ 87.0347, 83.9694,
106.2282

■ 35.1990, 58.4807,
48.0709

■ 34.9558, 58.3739,
47.2214

Harmonies

Analogous

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



62.3623, 71.3676, 67.8825



61.3846, 71.3676, 76.8697



62.0853, 71.3676, 86.8594

Triad

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



61.3846, 71.3676, 76.8697



70.9574, 71.3676, 95.9178



71.4825, 71.3676, 62.6865

Complementary

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



61.3846, 71.3676, 76.8697



60.5039, 57.0146, 61.8521

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.



73.9245, 71.3676, 69.2216



61.3846, 71.3676, 76.8697



73.6141, 71.3676, 88.4368

Square

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



61.3846, 71.3676, 76.8697



67.5397, 71.3676, 98.3975



74.7174, 71.3676, 78.5507



68.1267, 71.3676, 60.1418

Rectangle

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



61.3846, 71.3676, 76.8697



63.4235, 71.3676, 92.6545



74.7174, 71.3676, 78.5507



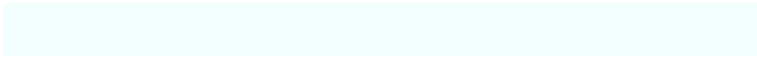
72.4417, 71.3676, 64.4606

Sweetspot

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



61.3866, 71.3706, 76.8713



89.9917, 97.4527, 105.9384



60.5905, 71.3609, 58.7259



19.1152, 20.7850, 22.5872



0.0000, 0.0000, 0.0000



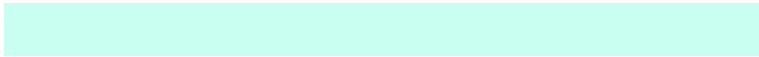
20.3446, 21.4041, 23.3091

Same Dimension

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



61.3866, 71.3706, 76.8713



75.8855, 90.3667, 96.8704



60.2976, 67.0338, 83.1631



14.6413, 16.2699, 17.6417



20.2344, 33.7258, 27.5322



1.5324, 2.5071, 2.2301

Inverse Universe

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



60.5039, 57.0146, 61.8521



74.5211, 68.1592, 73.6424



61.3995, 60.6041, 56.6070



14.5279, 14.4284, 15.7144



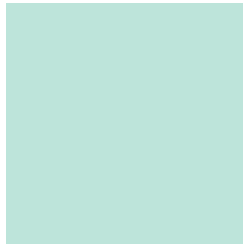
18.9639, 9.7198, 3.4387



1.4384, 0.7331, 0.4492

Previews

White Background



This preview shows how the XYZ color 61.3846, 71.3676, 76.8697 looks on a white background.

Color Contrast Check

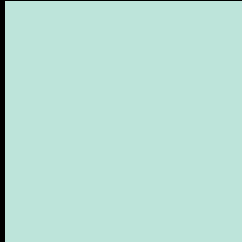
Large Text (above 18pt) WCAG AA × Fail

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 61.3846, 71.3676, 76.8697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

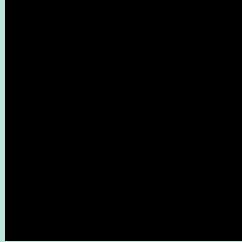
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

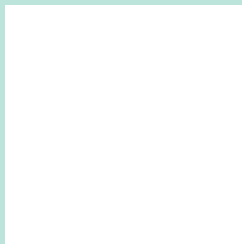
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.3846, 71.3676, 76.8697

Background



This preview shows how black text looks on a background with the XYZ color 61.3846, 71.3676, 76.8697.

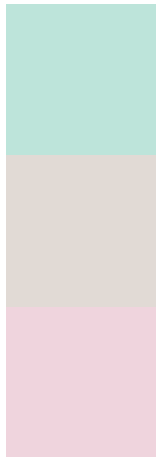


This preview shows how white text looks on a background with the XYZ color 61.3846, 71.3676,

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

61.3846, 71.3676, 76.8697

Protanopia

68.1330, 70.9545, 73.0554

Deuteranopia

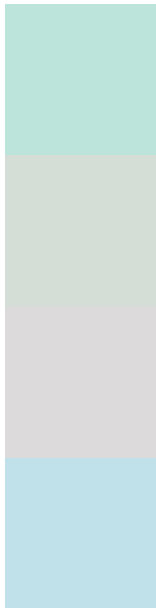
72.1912, 70.6581, 78.2401



Tritanopia

64.6750, 71.0596, 94.3115

Trichromacy



Original Color

61.3846, 71.3676, 76.8697

Protanomaly

65.5384, 71.1459, 74.5683

Deuteranomaly

67.8085, 70.6823, 77.7793

Tritanomaly

63.3714, 70.9401, 87.4436

Monochromacy



Original Color

61.3846, 71.3676, 76.8697

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.4415, 69.2661, 74.9917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3846, 71.3676, 76.8697 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(189, 228, 218)` looks like.

```
.text, #text, p{  
    color:rgb(189, 228, 218)  
}
```

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(189, 228, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 228, 218) }
```

Border

The CSS property to change the border of an element to XYZ 61.3846, 71.3676, 76.8697 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(189, 228, 218) }
```


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

```
.border{ border-color:rgb(189, 228, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 228, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 228, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 228, 218);  
box-shadow:4px 4px 4px 4px rgb(189, 228,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3846, 71.3676, 76.8697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 228, 218) }
```

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

```
.background{ background-color: rgb(189,  
228, 218) }
```

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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