

Converting Colors

XYZ(60.3851, 70.4438, 76.8037)

Have a look what the booklet for
XYZ(60.3851, 70.4438, 76.8037)
contains.

XYZ(60.3737, 70.4392, 76.7438)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(60.3737, 70.4392,
76.7438)**

Conversions

Conversions Part 1

Format	Color
Hex	BAE3DA
RGB	186, 227, 218
RGB Percent	73%, 89%, 85%
CMY	0.2706, 0.1098, 0.1451
CMYK	0.18, 0.00, 0.04, 0.11
HSL	167°, 42%, 81%
HSV	167°, 18%, 89%
XYZ	60.3737, 70.4392, 76.7438
YIQ	213.7150, -21.5470, -11.4910

Conversions

Conversions Part 2

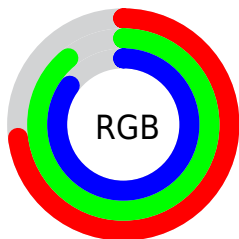
Format	Color
R _{YB}	186, 209, 227
Decimal	12248026
CIE _{Lab}	87.21, -15.07, -0.04
CIE _{LCh}	87, 15.072, 180.140
Y _{xy}	70.4392, 0.2909, 0.3394
Android (android.graphics.Color)	4290438106 (0xFFBAE3DA)
YUV	213.7150, 2.1125, -24.3061
Hunter-Lab	83.9281, -18.4700, 4.5349

Details

The XYZ color **60.3737, 70.4392, 76.7438** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.0903, 55.3908, 59.2099**, and the grayscale version is **63.7232, 67.0418, 73.0085**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **30.8791, 37.0549, 40.1751** is the 20% darker color. If you saturate the color by 10%, you get **54.6489, 67.5641, 73.1232**, and if you desaturate by 10%, it is **66.9982, 73.7796, 80.5119**.

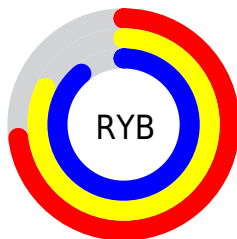
Distribution



Red (73%)

Green (89%)

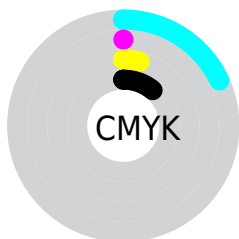
Blue (85%)



Red (73%)

Yellow (82%)

Blue (89%)

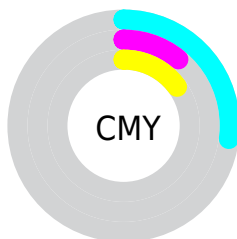


Cyan (18%)

Magenta (0%)

Yellow (4%)

Black (11%)



Cyan (27%)

Magenta (11%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3737, 70.4392, 76.7438 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 60.3737, 70.4392, 76.7438 by changing the saturation by 10% instead.

60.3737, 70.4392,
76.7438

60.3737, 70.4392,
76.7438

415.7866,
462.0906, 503.3045

43.9705, 51.8847,
56.5323

104.4748,
119.8349, 130.5475

30.8452, 36.9132,
40.2230

132.9035,
151.4448, 164.9767

20.6322, 25.1403,
27.3974

166.0714,
188.1753, 204.9824

12.9664, 16.1816,
17.6368

204.3439,
230.4108, 250.9829

7.4822, 9.6527,
10.5228

248.0863,
278.5357, 303.3968

3.8145, 5.1693,
5.6368

297.6639,

1.5977, 2.3470,

332.9344, 362.6427

2.5604

353.4422,
393.9912, 429.1391

■ 0.3909, 0.7984,
0.8719

■ 0.0000, 0.0000,
0.0000

■ 60.3737, 70.4392,
76.7438

■ 60.3737, 70.4392,
76.7438

■ 54.6489, 67.5641,
73.1232

■ 66.9982, 73.7796,
80.5119

■ 49.7764, 65.1242,
69.6425


■ 74.5551, 77.5966,
84.4254


■ 45.7134, 63.0994,
66.3004


■ 83.0829, 81.9117,
88.4885

■ 42.4110, 61.4645,
63.0935


■ 84.1340, 82.3702,
92.3067


 39.8148, 60.1915,
60.0185


 84.8765, 82.6671,
96.2163


 37.8633, 59.2487,
57.0715


 85.6393, 82.9723,
100.2336

 36.4838, 58.5986,
54.2482

 86.4228, 83.2857,
104.3593

 35.5740, 58.1885,
51.5428

 86.7603, 83.4207,
106.1368

 35.4222, 58.1214,
51.0308

Harmonies

Analogous

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



61.2208, 70.4392, 67.3969



60.3737, 70.4392, 76.7438



61.2364, 70.4392, 86.9034

Triad

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



60.3737, 70.4392, 76.7438



70.4254, 70.4392, 94.8141



70.3957, 70.4392, 61.0067

Complementary

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



60.3737, 70.4392, 76.7438



59.0903, 55.3908, 59.2099

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.



73.0091, 70.4392, 67.3215



60.3737, 70.4392, 76.7438



73.0267, 70.4392, 86.8140

Square

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



60.3737, 70.4392, 76.7438



66.9669, 70.4392, 97.8813



73.9881, 70.4392, 76.6488



66.9338, 70.4392, 58.8125

Rectangle

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



60.3737, 70.4392, 76.7438



62.6832, 70.4392, 92.6490



73.9881, 70.4392, 76.6488



71.4069, 70.4392, 62.6888

Sweetspot

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



60.3757, 70.4421, 76.7454



90.0663, 97.4825, 106.3311



58.9866, 70.1641, 56.8897



19.1334, 20.7923, 22.6828



0.0000, 0.0000, 0.0000



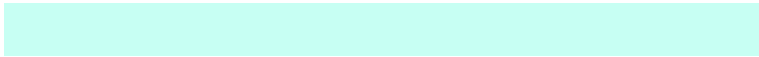
20.3446, 21.4041, 23.3091

Same Dimension

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



60.3757, 70.4421, 76.7454



75.4163, 90.1003, 97.9588



58.6900, 65.1336, 82.1551



14.6649, 16.2794, 17.7659



20.7027, 33.9132, 29.9985



1.5635, 2.5195, 2.3938

Inverse Universe

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



59.0903, 55.3908, 59.2099



73.4256, 66.7749, 70.7903



60.4949, 59.7805, 54.8060



14.5059, 14.4195, 15.5984



18.8445, 9.6720, 2.8100



1.4268, 0.7284, 0.3881

Previews

White Background



This preview shows how the XYZ color 60.3737, 70.4392, 76.7438 looks on a white background.

Color Contrast Check

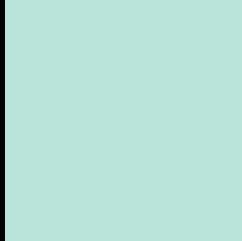
Large Text (above 18pt) WCAG AA × Fail

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 60.3737, 70.4392, 76.7438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

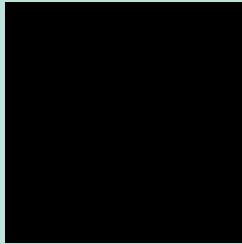
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

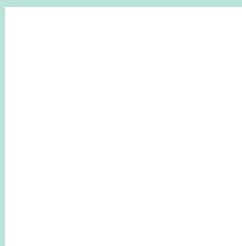
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.3737, 70.4392, 76.7438

Background



This preview shows how black text looks on a background with the XYZ color 60.3737, 70.4392, 76.7438.

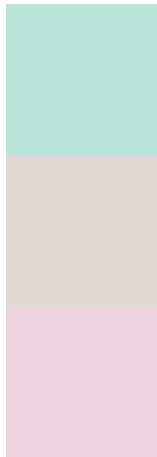


This preview shows how white text looks on a background with the XYZ color 60.3737, 70.4392,

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

60.3737, 70.4392, 76.7438

Protanopia

67.1279, 70.0671, 72.2736

Deuteranopia

71.2705, 69.8135, 78.1256



Tritanopia

63.5001, 70.0734, 93.3978

Trichromacy



Original Color

60.3737, 70.4392, 76.7438

Protanomaly

64.5724, 70.2696, 73.7784

Deuteranomaly

66.6446, 69.6984, 77.6507

Tritanomaly

62.3499, 70.0133, 87.3185

Monochromacy



Original Color

60.3737, 70.4392, 76.7438

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.4991, 68.4067, 74.1997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3737, 70.4392, 76.7438 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(186, 227, 218)` looks like.

```
.text, #text, p{  
    color:rgb(186, 227, 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(186, 227, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 227, 218) }
```

Border

The CSS property to change the border of an element to XYZ 60.3737, 70.4392, 76.7438 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(186, 227, 218) }
```


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

```
.border{ border-color:rgb(186, 227, 218) }
```

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

Here you see how a box with a 4 pixel rgb(186, 227, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 227, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 227, 218);  
box-shadow:4px 4px 4px 4px rgb(186, 227,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3737, 70.4392, 76.7438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 227, 218) }
```

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

```
.background{ background-color: rgb(186,  
227, 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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