

Converting Colors

XYZ(60.1653, 73.4834, 77.4645)

Have a look what the booklet for
XYZ(60.1653, 73.4834, 77.4645)
contains.

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Color

**XYZ(60.2677, 73.7087,
77.3804)**

Conversions

Conversions Part 1

Format	Color
Hex	B0EBDA
RGB	176, 235, 218
RGB Percent	69%, 92%, 85%
CMY	0.3098, 0.0784, 0.1451
CMYK	0.25, 0.00, 0.07, 0.08
HSL	163°, 60%, 81%
HSV	163°, 25%, 92%
XYZ	60.2677, 73.7087, 77.3804
YIQ	215.4210, -29.7070, -17.7950

Conversions

Conversions Part 2

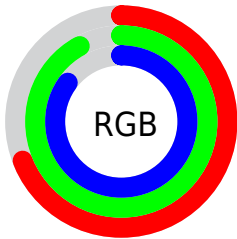
Format	Color
RYB	176, 210, 235
Decimal	11594714
CIELab	88.78, -22.10, 2.18
CIElCh	89, 22.211, 174.356
Yxy	73.7087, 0.2851, 0.3487
Android (android.graphics.Color)	4289784794 (0xFFB0EBDA)
YUV	215.4210, 1.2714, -34.5722
Hunter-Lab	85.8538, -24.9405, 6.6593

Details

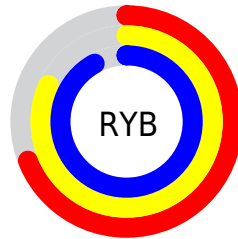
The XYZ color **60.2677, 73.7087, 77.3804** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **59.4145, 52.5650, 57.4697**, and the grayscale version is **64.8844, 68.2634, 74.3389**.

A 20% lighter version of the original color is **87.4143, 96.0636, 108.5427**, and **30.7570, 39.0221, 40.5613** is the 20% darker color. If you saturate the color by 10%, you get **54.5394, 70.8579, 72.5814**, and if you desaturate by 10%, it is **66.9563, 77.0542, 82.4165**.

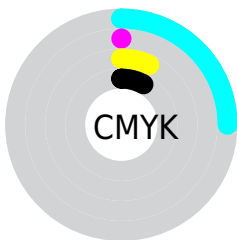
Distribution



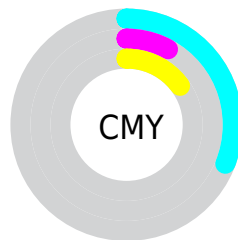
- Red (69%)
- Green (92%)
- Blue (85%)



- Red (69%)
- Yellow (82%)
- Blue (92%)



- Cyan (25%)
- Magenta (0%)
- Yellow (7%)
- Black (8%)





- Cyan (31%)
- Magenta (8%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.2677, 73.7087, 77.3804 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 60.2677, 73.7087, 77.3804 by changing the saturation by 10% instead.


 60.2677, 73.7087,
77.3804

 60.2677, 73.7087,
77.3804


415.4027,
473.4674, 505.5321

 43.8847, 54.5557,
57.0517


 104.3220,
124.4828, 131.4542

 30.7774, 39.0461,
40.6371


132.7241,
156.8726, 166.0364

 20.5804, 26.7956,
27.7181


165.8633,
194.4435, 206.2069

 12.9284, 17.4198,
17.8761

204.1049,
237.5798, 252.3842

 7.4559, 10.5342,
10.6925

247.8143,
286.6660, 304.9868

 3.7977, 5.7546,
5.7489


297.3568,


 1.5883, 2.6964,


342.0863, 364.4333


2.6267


353.0978,
404.2254, 431.1422

 0.3848, 0.9754,
0.9062


 0.0000, 0.0000,
0.0000


 60.2677, 73.7087,
77.3804


 60.2677, 73.7087,
77.3804

 54.5394, 70.8579,
72.5814

 66.9563, 77.0542,
82.4165


 49.7171, 68.4682,
68.0100

 74.6432, 80.9082,
87.6891


 45.7511, 66.5157,
63.6633


 83.3721, 85.2951,
93.2038

 42.5837, 64.9709,
59.5362


 87.4449, 87.2774,
98.6961


 40.1503, 63.8005,
55.6233

 88.4986, 87.6989,
104.2447

 38.3754, 62.9657,
51.9187

 88.9997, 87.8993,
106.8832

 37.1666, 62.4188,
48.4157

 36.7109, 62.2198,
46.7710

Harmonies

Analogous

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



61.9899, 73.7087, 64.2134



60.2677, 73.7087, 77.3804



61.0579, 73.7087, 93.0929

Triad

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



60.2677, 73.7087, 77.3804



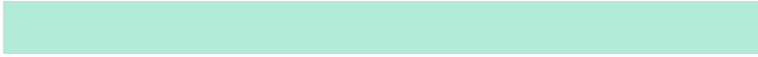
74.4074, 73.7087, 110.3545



76.2550, 73.7087, 58.5249

Complementary

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



60.2677, 73.7087, 77.3804



59.4145, 52.5650, 57.4697

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.



79.9016, 73.7087, 68.6574



60.2677, 73.7087, 77.3804



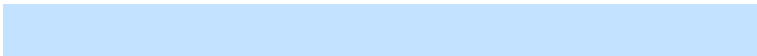
78.7972, 73.7087, 98.7706

Square

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



60.2677, 73.7087, 77.3804



69.0464, 73.7087, 113.4634



80.8548, 73.7087, 83.2025



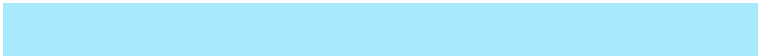
71.0792, 73.7087, 54.2566

Rectangle

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



60.2677, 73.7087, 77.3804



62.9248, 73.7087, 102.7797



80.8548, 73.7087, 83.2025



77.7107, 73.7087, 61.2901

Sweetspot

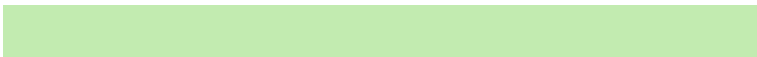
The Sweet Spot groups the original color and five complimentary colors.



60.2698, 73.7117, 77.3821



87.0068, 95.9613, 103.6583



59.7183, 73.9841, 52.2084



18.3186, 20.3870, 21.9807



0.0000, 0.0000, 0.0000



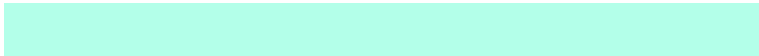
20.3446, 21.4041, 23.3091

Same Dimension

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



60.2698, 73.7117, 77.3821



68.9365, 86.9248, 90.2017



59.3433, 68.1133, 88.6202



15.3219, 17.0436, 18.3778



20.4883, 34.6498, 26.3340



1.6501, 2.7373, 2.2851

Inverse Universe

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



59.4145, 52.5650, 57.4697



67.7493, 57.4958, 62.5053



60.0403, 56.6799, 48.8513



15.2440, 15.1254, 16.5700



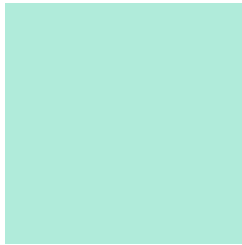
19.6915, 10.0793, 4.1770



1.5866, 0.8076, 0.5405

Previews

White Background



This preview shows how the XYZ color 60.2677, 73.7087, 77.3804 looks on a white background.

Color Contrast Check

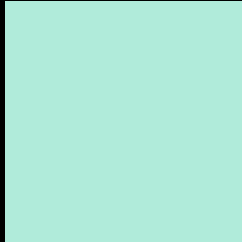
Large Text (above 18pt) WCAG AA × Fail

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 60.2677, 73.7087, 77.3804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

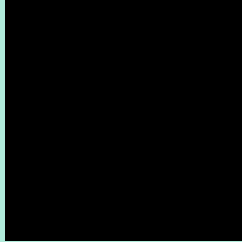
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

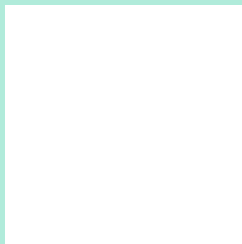
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.2677, 73.7087, 77.3804

Background



This preview shows how black text looks on a background with the XYZ color 60.2677, 73.7087, 77.3804.

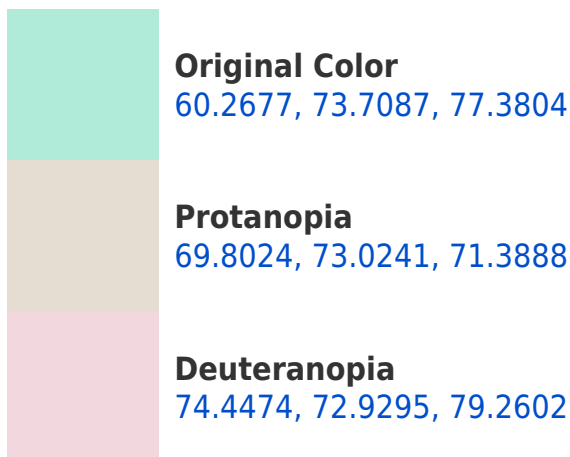


This preview shows how white text looks on a background with the XYZ color 60.2677, 73.7087,

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

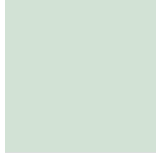
64.6871, 73.3783, 100.3766

Trichromacy



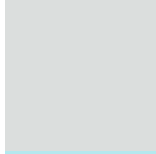
Original Color

60.2677, 73.7087, 77.3804



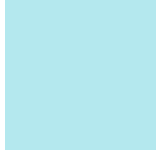
Protanomaly

65.7849, 72.8984, 73.5544



Deuteranomaly

68.3858, 72.5231, 78.8006



Tritanomaly

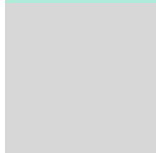
63.1116, 73.5896, 91.7668

Monochromacy



Original Color

60.2677, 73.7087, 77.3804



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

62.6033, 69.6179, 75.1038

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2677, 73.7087, 77.3804 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(176, 235, 218)` looks like.

```
.text, #text, p{  
    color:rgb(176, 235, 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(176, 235, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 235, 218) }
```

Border

The CSS property to change the border of an element to XYZ 60.2677, 73.7087, 77.3804 is called "border". The border property can be set on classes, ids or directly on the HTML element.

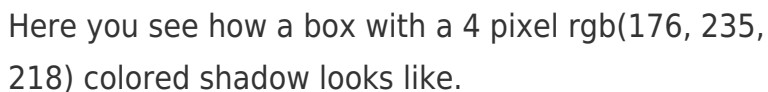
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 235, 218) }
```


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

```
.border{ border-color:rgb(176, 235, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 235, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 235, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 235, 218); box-shadow:4px 4px 4px 4px rgb(176, 235, 218) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2677, 73.7087, 77.3804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 235, 218) }
```

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

```
.background{ background-color: rgb(176,  
235, 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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