

Converting Colors

XYZ(60.6546, 71.6250, 88.7782)

Have a look what the booklet for
XYZ(60.6546, 71.6250, 88.7782)
contains.

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Color

**XYZ(60.6037, 71.5328,
88.4550)**

Conversions

Conversions Part 1

Format	Color
Hex	AEE6EA
RGB	174, 230, 234
RGB Percent	68%, 90%, 92%
CMY	0.3176, 0.0980, 0.0823
CMYK	0.26, 0.02, 0.00, 0.08
HSL	184°, 59%, 80%
HSV	184°, 26%, 92%
XYZ	60.6037, 71.5328, 88.4550
YIQ	213.7120, -34.6600, -10.6280

Conversions

Conversions Part 2

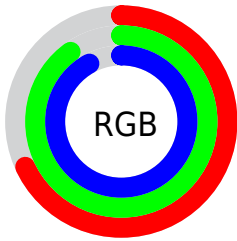
Format	Color
RYB	174, 203, 234
Decimal	11462378
CIELab	87.74, -16.82, -7.75
CIELCh	88, 18.517, 204.740
Yxy	71.5328, 0.2747, 0.3243
Android (android.graphics.Color)	4289652458 (0xFFAEE6EA)
YUV	213.7120, 10.0020, -34.8274
Hunter-Lab	84.5771, -20.1057, -2.8046

Details

The XYZ color **60.6037, 71.5328, 88.4550** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **57.4930, 52.3898, 47.1280**, and the grayscale version is **63.6763, 66.9924, 72.9547**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **30.9177, 37.4795, 47.7242** is the 20% darker color. If you saturate the color by 10%, you get **55.4065, 68.2142, 88.0895**, and if you desaturate by 10%, it is **66.7171, 75.3331, 88.8675**.

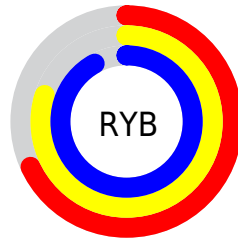
Distribution



Red (68%)

Green (90%)

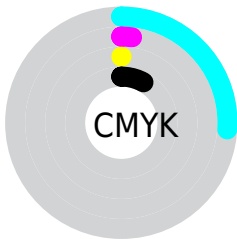
Blue (92%)



Red (68%)

Yellow (80%)

Blue (92%)

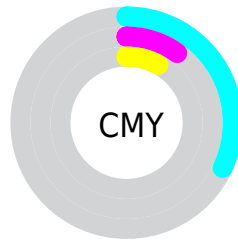


Cyan (26%)

Magenta (2%)

Yellow (0%)

Black (8%)



Cyan (32%)


Magenta (10%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.6037, 71.5328, 88.4550 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 60.6037, 71.5328, 88.4550 by changing the saturation by 10% instead.


 60.6037, 71.5328,
88.4550

 60.6037, 71.5328,
88.4550

416.6186,
465.9138, 543.4320

 44.1567, 52.7771,
66.1335


 104.8063,
121.3921, 147.1072

 30.9922, 37.6249,
47.9236

133.2926,
153.2644, 184.2749

 20.7447, 25.6917,
33.4068


166.5228,
190.2778, 227.2284

 13.0489, 16.5931,
22.1646

204.8621,
232.8166, 276.3862

 7.5395, 9.9448,
13.7784

248.6761,
281.2652, 332.1670

 3.8510, 5.3624,
7.8297

298.3299,

 1.6182, 2.4614,

336.0080, 394.9892

3.9000

354.1889,
397.4294, 465.2713

■ 0.4042, 0.8572,
1.5706

■ 0.0000, 0.0000,
0.2697

■ 60.6037, 71.5328,
88.4550

■ 60.6037, 71.5328,
88.4550

■ 55.4065, 68.2142,
88.0895

■ 66.7171, 75.3331,
88.8675

■ 51.0722, 65.3443,
87.7640

■ 73.7841, 79.6290,
89.3242

■ 47.5514, 62.8995,
87.4777

■ 81.8476, 84.4445,
89.8287

■ 44.7873, 60.8506,
87.2279

■ 86.1562, 87.3300,
90.1586

■ 42.7159, 59.1644,
87.0116

■ 86.6076, 88.2329,
90.3091

■ 41.2624, 57.8025,
86.8254

■ 87.0630, 89.1436,
90.4608

■ 40.3346, 56.7172,
86.6648

■ 87.5223, 90.0622,
90.6140

■ 40.0298, 56.2972,
86.5998

■ 87.9856, 90.9887,
90.7684

■ 88.4528, 91.9232,
90.9241

Harmonies

Analogous

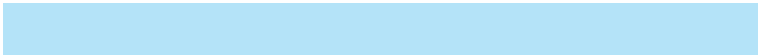
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.9212, 71.5328, 75.6903



60.6037, 71.5328, 88.4550



63.2295, 71.5328, 99.3550

Triad

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



60.6037, 71.5328, 88.4550



75.1222, 71.5328, 92.7025



68.7671, 71.5328, 56.1975

Complementary

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



60.6037, 71.5328, 88.4550



57.4930, 52.3898, 47.1280

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.



72.9832, 71.5328, 59.7583



60.6037, 71.5328, 88.4550



76.7519, 71.5328, 80.1259

Square

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



60.6037, 71.5328, 88.4550



71.5861, 71.5328, 101.9864



75.9528, 71.5328, 68.1963



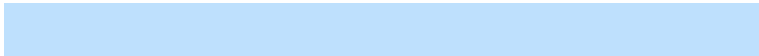
64.5160, 71.5328, 57.9188

Rectangle

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



60.6037, 71.5328, 88.4550



65.7908, 71.5328, 103.6315



75.9528, 71.5328, 68.1963



70.2372, 71.5328, 56.8039

Sweetspot

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



60.6058, 71.5357, 88.4566



87.5070, 95.4701, 108.4232



54.8157, 71.0200, 52.4157



18.4452, 20.2619, 23.1887



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.



60.6058, 71.5357, 88.4566



70.0460, 84.6500, 107.2550



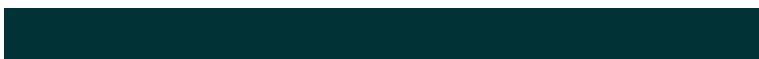
53.1950, 56.7141, 85.9864



15.4268, 16.9400, 19.3789



22.5313, 31.7097, 48.6760



1.7952, 2.5418, 3.8309

Inverse Universe

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



63.3524, 53.4794, 81.8496



73.9691, 59.1765, 97.7471



63.8859, 65.1756, 49.2590



15.6690, 15.2954, 18.8080



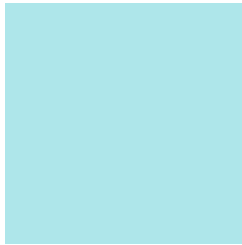
26.2281, 12.6939, 38.5980



2.0726, 1.0020, 3.0998

Previews

White Background



This preview shows how the XYZ color 60.6037, 71.5328, 88.4550 looks on a white background.

Color Contrast Check

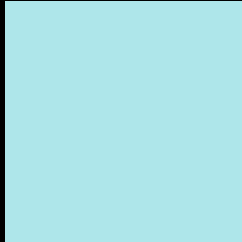
Large Text (above 18pt) WCAG AA × Fail

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 60.6037, 71.5328, 88.4550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

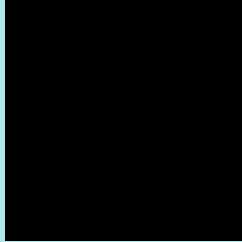
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.6037, 71.5328, 88.4550

Background



This preview shows how black text looks on a background with the XYZ color 60.6037, 71.5328, 88.4550.

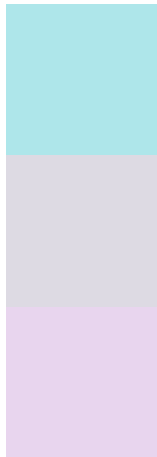


This preview shows how white text looks on a background with the XYZ color 60.6037, 71.5328,

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

60.6037, 71.5328, 88.4550

Protanopia

68.7553, 71.0610, 82.7654

Deuteranopia

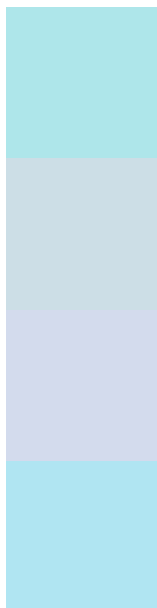
72.5056, 70.9174, 90.7559



Tritanopia

62.5094, 71.4877, 97.6927

Trichromacy



Original Color

60.6037, 71.5328, 88.4550

Protanomaly

65.3060, 70.7931, 85.0853

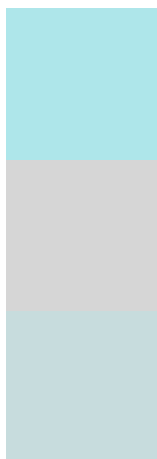
Deuteranomaly

67.4815, 70.6263, 90.1964

Tritanomaly

61.9508, 71.6795, 94.5748

Monochromacy



Original Color

60.6037, 71.5328, 88.4550

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.1975, 68.5490, 78.3597

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6037, 71.5328, 88.4550 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(174, 230, 234)` looks like.

```
.text, #text, p{  
    color:rgb(174, 230, 234)  
}
```

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(174, 230, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 230, 234) }
```

Border

The CSS property to change the border of an element to XYZ 60.6037, 71.5328, 88.4550 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(174, 230, 234) }
```


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

```
.border{ border-color:rgb(174, 230, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 230, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 230, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 230, 234);  
box-shadow:4px 4px 4px 4px rgb(174, 230,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6037, 71.5328, 88.4550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 230, 234) }
```

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

```
.background{ background-color: rgb(174,  
230, 234) }
```

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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