

Converting Colors

XYZ(61.1881, 73.3435, 86.9681)

Have a look what the booklet for
XYZ(61.1881, 73.3435, 86.9681)
contains.

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Color

**XYZ(61.4439, 73.6705,
87.3253)**

Conversions

Conversions Part 1

Format	Color
Hex	AEEAE8
RGB	174, 234, 232
RGB Percent	68%, 92%, 91%
CMY	0.3176, 0.0823, 0.0902
CMYK	0.26, 0.00, 0.01, 0.08
HSL	178°, 59%, 80%
HSV	178°, 26%, 92%
XYZ	61.4439, 73.6705, 87.3253
YIQ	215.8320, -35.1180, -13.3420

Conversions

Conversions Part 2

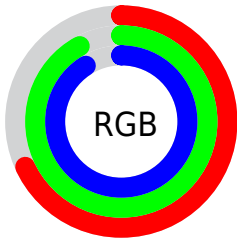
Format	Color
RYB	174, 205, 234
Decimal	11463400
CIELab	88.77, -19.25, -5.19
CIELCh	89, 19.935, 195.082
Yxy	73.6705, 0.2762, 0.3312
Android (android.graphics.Color)	4289653480 (0xFFAAEEAE8)
YUV	215.8320, 7.9708, -36.6867
Hunter-Lab	85.8315, -22.4230, -0.2398

Details

The XYZ color **61.4439, 73.6705, 87.3253** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **56.9068, 50.9013, 47.9030**, and the grayscale version is **65.1223, 68.5137, 74.6114**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **31.5026, 38.9684, 46.9356** is the 20% darker color. If you saturate the color by 10%, you get **56.5679, 71.1715, 86.5207**, and if you desaturate by 10%, it is **67.2328, 76.6438, 88.1783**.

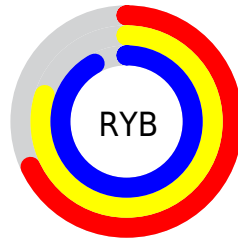
Distribution



Red (68%)

Green (92%)

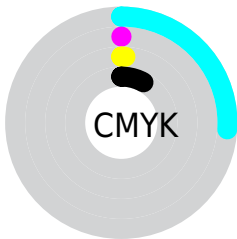
Blue (91%)



Red (68%)

Yellow (80%)

Blue (92%)

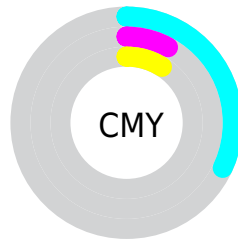


Cyan (26%)

Magenta (0%)

Yellow (1%)

Black (8%)



Cyan (32%)

Magenta (8%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.4439, 73.6705, 87.3253 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 61.4439, 73.6705, 87.3253 by changing the saturation by 10% instead.

61.4439, 73.6705,
87.3253

61.4439, 73.6705,
87.3253

419.6497,
473.3354, 539.6351

44.8374, 54.5244,
65.2033

106.0159,
124.4286, 145.5203

31.5301, 39.0211,
47.1735

134.7121,
156.8094, 182.4304

21.1566, 26.7761,
32.8175

168.1689,
194.3705, 225.1070

13.3517, 17.4051,
21.7167

206.7517,
237.4964, 273.9685

7.7498, 10.5238,
13.4526

250.8258,
286.5715, 329.4335

3.9857, 5.7476,
7.6066

300.7566,

1.6941, 2.6922,

341.9800, 391.9206

3.7601

356.9094,
404.1065, 461.8483

0.4526, 0.9732,
1.4947

0.0000, 0.0000,
0.2140

61.4439, 73.6705,
87.3253

61.4439, 73.6705,
87.3253

56.5679, 71.1715,
86.5207

67.2328, 76.6438,
88.1783

52.5514, 69.1136,
85.7573

73.9719, 80.1050,
89.0769

49.3450, 67.4734,
85.0345

81.7042, 84.0782,
90.0244

46.8920, 66.2215,
84.3494

85.6777, 86.1136,
90.7987

45.1284, 65.3248,
83.6991

85.7909, 86.1589,
91.3948

43.9793, 64.7450,
83.0802

85.9046, 86.2044,
91.9936

43.3526, 64.4343,
82.4883

86.0188, 86.2501,
92.5950

43.1781, 64.3498,
82.2357

86.1335, 86.2960,
93.1991

86.2488, 86.3420,
93.8057

Harmonies

Analogous

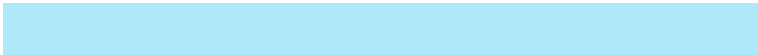
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.4376, 73.6705, 73.5699



61.4439, 73.6705, 87.3253



63.6757, 73.6705, 100.5288

Triad

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



61.4439, 73.6705, 87.3253



76.7956, 73.6705, 100.4666



72.4362, 73.6705, 57.1911

Complementary

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



61.4439, 73.6705, 87.3253



56.9068, 50.9013, 47.9030

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.



76.7757, 73.6705, 62.8399



61.4439, 73.6705, 87.3253



79.3701, 73.6705, 87.2479

Square

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



61.4439, 73.6705, 87.3253



72.4623, 73.6705, 108.6877



79.3626, 73.6705, 73.5009



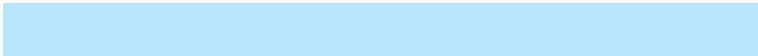
67.6363, 73.6705, 57.2068

Rectangle

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



61.4439, 73.6705, 87.3253



66.1867, 73.6705, 106.7917



79.3626, 73.6705, 73.5009



74.0018, 73.6705, 58.4591

Sweetspot

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



61.4460, 73.6735, 87.3270



87.8296, 96.2904, 107.9908



55.1965, 71.2518, 50.8898



18.5271, 20.4704, 23.0788



0.0000, 0.0000, 0.0000



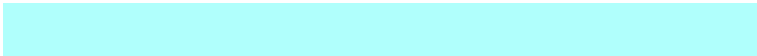
20.3446, 21.4041, 23.3091

Same Dimension

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



61.4460, 73.6735, 87.3270



71.2812, 87.7955, 105.5852



54.6219, 59.5673, 86.4640



15.4947, 17.1127, 19.2878



24.2725, 36.1635, 46.2617



1.9128, 2.8424, 3.6687

Inverse Universe

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



56.9068, 50.9013, 47.9030



64.8507, 55.5291, 49.7302



62.4609, 62.3243, 48.7837



15.0858, 15.0622, 15.7374



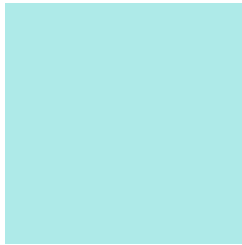
19.1009, 9.8430, 1.0667



1.5071, 0.7758, 0.1216

Previews

White Background



This preview shows how the XYZ color 61.4439, 73.6705, 87.3253 looks on a white background.

Color Contrast Check

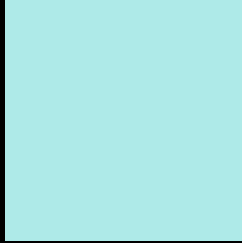
Large Text (above 18pt) WCAG AA × Fail

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 61.4439, 73.6705, 87.3253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

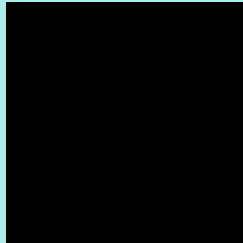
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.4439, 73.6705, 87.3253

Background



This preview shows how black text looks on a background with the XYZ color 61.4439, 73.6705, 87.3253.

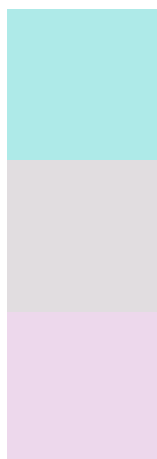


This preview shows how white text looks on a background with the XYZ color 61.4439, 73.6705,

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

61.4439, 73.6705, 87.3253

Protanopia

70.3623, 73.1023, 80.9227

Deuteranopia

74.6212, 73.1724, 89.5476



Tritanopia

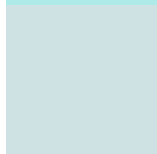
64.1913, 73.5189, 101.2498

Trichromacy



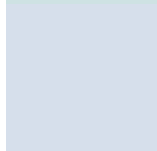
Original Color

61.4439, 73.6705, 87.3253



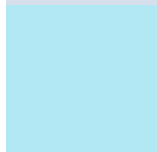
Protanomaly

66.5151, 73.0606, 83.2694



Deuteranomaly

69.1146, 73.0697, 89.0584



Tritanomaly

63.1657, 73.5314, 95.6578

Monochromacy



Original Color

61.4439, 73.6705, 87.3253



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

63.6599, 70.4668, 79.3535

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4439, 73.6705, 87.3253 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, 234, 232)` looks like.

```
.text, #text, p{  
    color:rgb(174, 234, 232)  
}
```

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, 234, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 234, 232) }
```

Border

The CSS property to change the border of an element to XYZ 61.4439, 73.6705, 87.3253 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, 234, 232) }
```


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

```
.border{ border-color:rgb(174, 234, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 234, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 234, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 234, 232);  
box-shadow:4px 4px 4px 4px rgb(174, 234,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4439, 73.6705, 87.3253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 234, 232) }
```

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

```
.background{ background-color: rgb(174,  
234, 232) }
```

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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