

Converting Colors

XYZ(61.2611, 72.8430, 88.6373)

Have a look what the booklet for
XYZ(61.2611, 72.8430, 88.6373)
contains.

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Color

**XYZ(61.1635, 72.6524,
88.6416)**

Conversions

Conversions Part 1

Format	Color
Hex	AEE8EA
RGB	174, 232, 234
RGB Percent	68%, 91%, 92%
CMY	0.3176, 0.0902, 0.0823
CMYK	0.26, 0.01, 0.00, 0.08
HSL	182°, 59%, 80%
HSV	182°, 26%, 92%
XYZ	61.1635, 72.6524, 88.6416
YIQ	214.8860, -35.2100, -11.6740

Conversions

Conversions Part 2

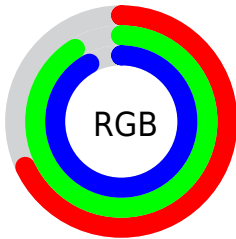
Format	Color
RYB	174, 203, 234
Decimal	11462890
CIELab	88.28, -17.82, -6.95
CIELCh	88, 19.125, 201.315
Yxy	72.6524, 0.2749, 0.3266
Android (android.graphics.Color)	4289652970 (0xFFAEE8EA)
YUV	214.8860, 9.4232, -35.8570
Hunter-Lab	85.2364, -21.0765, -1.9932

Details

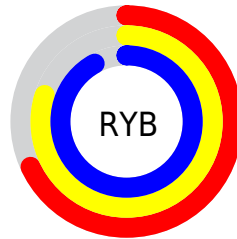
The XYZ color **61.1635, 72.6524, 88.6416** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **57.0979, 51.5996, 46.9963**, and the grayscale version is **64.4713, 67.8288, 73.8655**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **31.3069, 38.2581, 47.8540** is the 20% darker color. If you saturate the color by 10%, you get **56.1795, 69.7601, 88.3472**, and if you desaturate by 10%, it is **67.0609, 76.0207, 88.9821**.

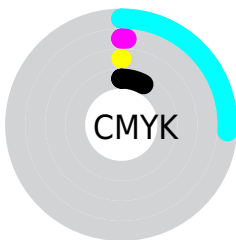
Distribution



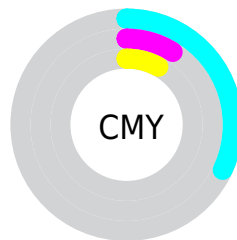
- Red (68%)
- Green (91%)
- Blue (92%)



- Red (68%)
- Yellow (80%)
- Blue (92%)



- Cyan (26%)
- Magenta (1%)
- Yellow (0%)
- Black (8%)



- Cyan (32%)
- Magenta (9%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1635, 72.6524, 88.6416 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 61.1635, 72.6524, 88.6416 by changing the saturation by 10% instead.

61.1635, 72.6524,
88.6416

61.1635, 72.6524,
88.6416

418.6396,
469.8092, 544.0577

44.6102, 53.6918,
66.2872

105.6124,
122.9836, 147.3691

31.3505, 38.3553,
48.0476

134.2387,
155.1230, 184.5792

21.0190, 26.2586,
33.5043

167.6200,
192.4241, 227.5783

13.2504, 17.0172,
22.2388

206.1217,
235.2713, 276.7850

7.6794, 10.2467,
13.8325

250.1092,
284.0491, 332.6177

3.9406, 5.5629,
7.8668

299.9477,

1.6686, 2.5811,

339.1417, 395.4950

3.9233

356.0028,
400.9336, 465.8355

■ 0.4365, 0.9172,
1.5834

■ 0.0000, 0.0000,
0.2789

■ 61.1635, 72.6524,
88.6416

■ 61.1635, 72.6524,
88.6416

■ 56.1795, 69.7601,
88.3472

■ 67.0609, 76.0207,
88.9821

■ 52.0554, 67.3107,
88.0918


■ 73.9089, 79.8786,
89.3659


■ 48.7419, 65.2806,
87.8746


■ 81.7505, 84.2503,
89.7964


■ 46.1824, 63.6406,
87.6929


■ 85.8343, 86.6861,
90.0513


 44.3126, 62.3577,
87.5439


 86.0579, 87.1335,
90.1258


 43.0578, 61.3932,
87.4238


 86.2826, 87.5828,
90.2007

 42.3258, 60.6997,
87.3286

 86.5082, 88.0340,
90.2759

 42.1056, 60.4487,
87.2917

 86.7348, 88.4872,
90.3515

 86.9624, 88.9424,
90.4273

Harmonies

Analogous

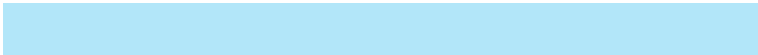
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.7018, 72.6524, 75.3550



61.1635, 72.6524, 88.6416



63.6897, 72.6524, 100.4931

Triad

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



61.1635, 72.6524, 88.6416



76.1656, 72.6524, 95.9571



70.3935, 72.6524, 56.6834

Complementary

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



61.1635, 72.6524, 88.6416



57.0979, 51.5996, 46.9963

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.



74.7112, 72.6524, 60.9916



61.1635, 72.6524, 88.6416



78.1391, 72.6524, 82.9797

Square

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



61.1635, 72.6524, 88.6416



72.3078, 72.6524, 105.0311



77.5953, 72.6524, 70.2802



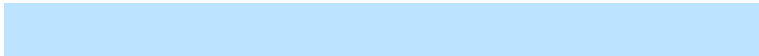
65.8992, 72.6524, 57.8422

Rectangle

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



61.1635, 72.6524, 88.6416



66.2683, 72.6524, 105.5105



77.5953, 72.6524, 70.2802



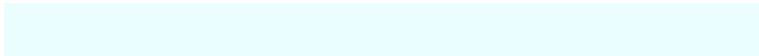
71.9165, 72.6524, 57.5212

Sweetspot

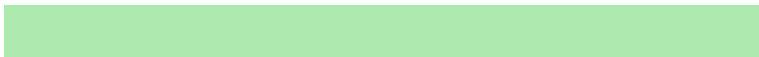
The Sweet Spot groups the original color and five complimentary colors.



61.1656, 72.6553, 88.6433



87.7228, 95.9016, 108.4951



54.6177, 70.9409, 51.3733



18.5000, 20.3716, 23.2070



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.



61.1656, 72.6553, 88.6433



70.8694, 86.2968, 107.5295



53.6643, 57.6527, 86.1428



15.4722, 17.0308, 19.3941



23.6801, 34.0072, 49.0589



1.8730, 2.6974, 3.8568

Inverse Universe

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



63.6350, 53.5925, 83.3377



74.3847, 59.3427, 99.9358



63.4044, 64.2126, 49.0985



15.6919, 15.3046, 18.9288



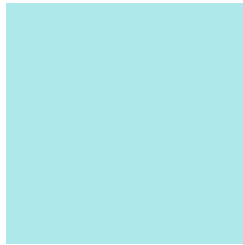
26.8079, 12.9259, 41.6514



2.1119, 1.0177, 3.3065

Previews

White Background



This preview shows how the XYZ color 61.1635, 72.6524, 88.6416 looks on a white background.

Color Contrast Check

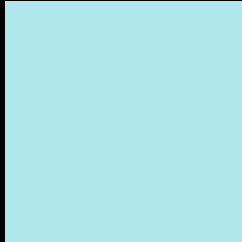
Large Text (above 18pt) WCAG AA × Fail

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 61.1635, 72.6524, 88.6416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

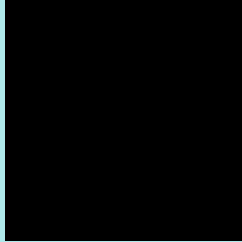
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.1635, 72.6524, 88.6416

Background



This preview shows how black text looks on a background with the XYZ color 61.1635, 72.6524, 88.6416.

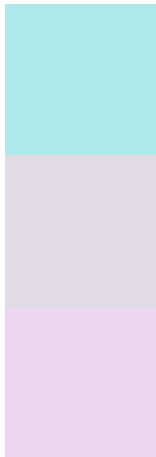


This preview shows how white text looks on a background with the XYZ color 61.1635, 72.6524,

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

61.1635, 72.6524, 88.6416

Protanopia

69.8898, 72.4204, 82.9680

Deuteranopia

73.9940, 72.4361, 90.9706



Tritanopia

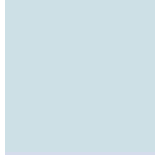
63.3716, 72.7181, 99.5029

Trichromacy



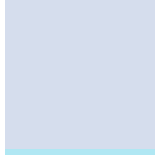
Original Color

61.1635, 72.6524, 88.6416



Protanomaly

66.1154, 72.0036, 85.2763



Deuteranomaly

68.5831, 71.9735, 90.3983



Tritanomaly

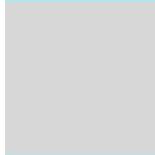
62.6581, 72.8530, 95.5536

Monochromacy



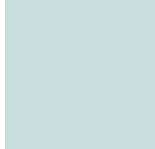
Original Color

61.1635, 72.6524, 88.6416



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

62.8607, 69.2662, 79.1638

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1635, 72.6524, 88.6416 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, 232, 234)` looks like.

```
.text, #text, p{  
    color:rgb(174, 232, 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, 232, 234) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 61.1635, 72.6524, 88.6416 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, 232, 234) }
```


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

```
.border{ border-color:rgb(174, 232, 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, 232, 234) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 61.1635, 72.6524, 88.6416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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