

Converting Colors

XYZ(55.7174, 72.6301, 61.7092)

Have a look what the booklet for
XYZ(55.7174, 72.6301, 61.7092)
contains.

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Color

**XYZ(55.6357, 72.5256,
61.5186)**

Conversions

Conversions Part 1

Format	Color
Hex	A6EDC1
RGB	166, 237, 193
RGB Percent	65%, 93%, 76%
CMY	0.3490, 0.0706, 0.2431
CMYK	0.30, 0.00, 0.19, 0.07
HSL	143°, 66%, 79%
HSV	143°, 30%, 93%
XYZ	55.6357, 72.5256, 61.5186
YIQ	210.7550, -28.1920, -28.7360

Conversions

Conversions Part 2

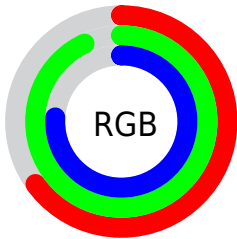
Format	Color
RYB	166, 217, 237
Decimal	10939841
CIELab	88.22, -30.97, 14.35
CIELCh	88, 34.136, 155.140
Yxy	72.5256, 0.2933, 0.3824
Android (android.graphics.Color)	4289129921 (0xFFA6EDC1)
YUV	210.7550, -8.7532, -39.2501
Hunter-Lab	85.1620, -32.4207, 16.7840

Details

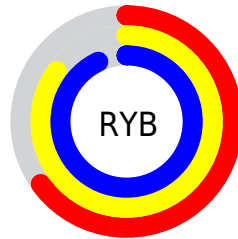
The XYZ color **55.6357, 72.5256, 61.5186** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **60.1966, 49.9318, 67.4408**, and the grayscale version is **61.8260, 65.0458, 70.8349**.

A 20% lighter version of the original color is **83.1395, 93.9517, 104.1951**, and **27.8662, 38.3566, 30.3610** is the 20% darker color. If you saturate the color by 10%, you get **49.5601, 69.5755, 53.1023**, and if you desaturate by 10%, it is **62.7935, 76.0187, 70.8382**.

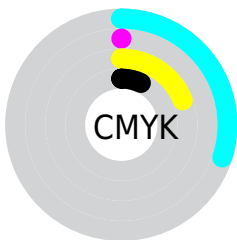
Distribution



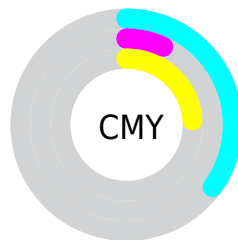
- Red (65%)
- Green (93%)
- Blue (76%)



- Red (65%)
- Yellow (85%)
- Blue (93%)



- Cyan (30%)
- Magenta (0%)
- Yellow (19%)
- Black (7%)





- Cyan (35%)
- Magenta (7%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.6357, 72.5256, 61.5186 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 55.6357, 72.5256, 61.5186 by changing the saturation by 10% instead.

 55.6357, 72.5256,
61.5186

 55.6357, 72.5256,
61.5186


398.4145,
469.3690, 448.1320

 40.1468, 53.5881,
44.2106


 97.6146, 122.8035,
108.5943

 27.8377, 38.2725,
30.4977


 124.8354,
154.9127, 139.1990

 18.3432, 26.1942,
19.9614


156.6974,
192.1814, 175.0731

 11.2978, 16.9690,
12.1832

193.5660,
234.9937, 216.6350

 6.3363, 10.2124,
6.7445

235.8067,
283.7343, 264.3033

 3.0932, 5.5400,
3.2268

283.7848,

 1.2033, 2.5675,

338.7874, 318.4966

1.2116

337.8656,
400.5375, 379.6333

■ 0.1089, 0.9103,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.6357, 72.5256,
61.5186

■ 55.6357, 72.5256,
61.5186

■ 49.5601, 69.5755,
53.1023

■ 62.7935, 76.0187,
70.8382

■ 44.5057, 67.1317,
45.5572

■ 71.0786, 80.0717,
81.0822

■ 40.4144, 65.1666,
38.8562

■ 80.5407, 84.7117,
92.2772

■ 37.2193, 63.6465,
32.9692

■ 89.0572, 88.8438,
104.3457

■ 34.8446, 62.5328,
27.8639

■ 89.5755, 89.0511,
107.0752

■ 33.2008, 61.7802,
23.5057

■ 32.1402, 61.3131,
19.8552

■ 32.1363, 61.3114,
19.8414

Harmonies

Analogous

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



60.2785, 72.5256, 47.5866



55.6357, 72.5256, 61.5186



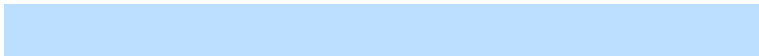
54.4369, 72.5256, 83.0688

Triad

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



55.6357, 72.5256, 61.5186



70.3508, 72.5256, 132.8075



82.5989, 72.5256, 55.7937

Complementary

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



55.6357, 72.5256, 61.5186



60.1966, 49.9318, 67.4408

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.



85.7989, 72.5256, 75.0046



55.6357, 72.5256, 61.5186



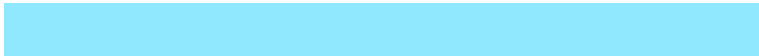
78.3795, 72.5256, 121.7839

Square

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



55.6357, 72.5256, 61.5186



62.5358, 72.5256, 127.2452



84.1972, 72.5256, 99.4396



75.7531, 72.5256, 44.7678

Rectangle

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



55.6357, 72.5256, 61.5186



55.6638, 72.5256, 99.6717



84.1972, 72.5256, 99.4396



84.1602, 72.5256, 61.3504

Sweetspot

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



55.6377, 72.5286, 61.5202



84.8989, 95.0217, 96.9111



64.0241, 77.1688, 47.5979



17.8437, 20.1778, 20.3467



0.0000, 0.0000, 0.0000



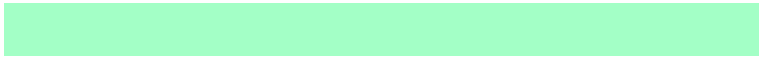
20.3446, 21.4041, 23.3091

Same Dimension

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



55.6377, 72.5286, 61.5202



61.1108, 83.4099, 66.3706



59.9513, 74.2541, 84.2354



15.1053, 16.9569, 17.2375



17.6035, 33.4959, 11.1430



1.4278, 2.6485, 1.1149

Inverse Universe

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



60.1966, 49.9318, 67.4408



67.3031, 52.6976, 74.3980



56.3472, 48.3920, 47.1701



15.4579, 15.2110, 17.6967



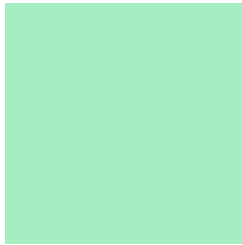
22.0037, 11.0042, 16.3527



1.7744, 0.8827, 1.5294

Previews

White Background



This preview shows how the XYZ color 55.6357, 72.5256, 61.5186 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 55.6357, 72.5256, 61.5186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

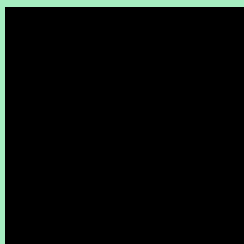
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

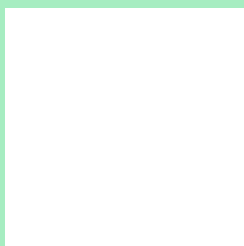
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.6357, 72.5256, 61.5186

Background



This preview shows how black text looks on a background with the XYZ color 55.6357, 72.5256, 61.5186.

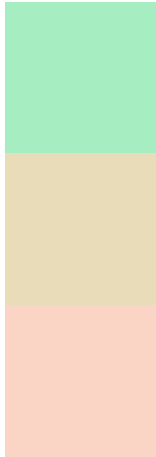


This preview shows how white text looks on a background with the XYZ color 55.6357, 72.5256,

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

55.6357, 72.5256, 61.5186

Protanopia

67.8492, 71.9707, 55.6631

Deuteranopia

73.4116, 71.9897, 63.4523



Tritanopia

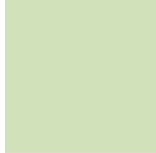
63.0941, 72.1630, 99.4104

Trichromacy



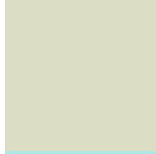
Original Color

55.6357, 72.5256, 61.5186



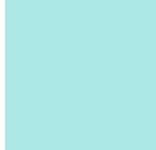
Protanomaly

62.4605, 71.5359, 57.5295



Deuteranomaly

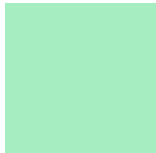
65.2985, 71.2881, 62.5429



Tritanomaly

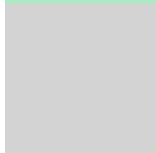
60.0938, 72.1989, 84.1673

Monochromacy



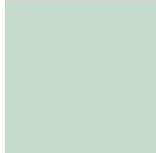
Original Color

55.6357, 72.5256, 61.5186



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

58.9980, 67.1481, 66.9781

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6357, 72.5256, 61.5186 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(166, 237, 193)` looks like.

```
.text, #text, p{  
    color:rgb(166, 237, 193)  
}
```

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(166, 237, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 237, 193) }
```

Border

The CSS property to change the border of an element to XYZ 55.6357, 72.5256, 61.5186 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(166, 237, 193) }
```


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

```
.border{ border-color:rgb(166, 237, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 237, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 237, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 237, 193);  
box-shadow:4px 4px 4px 4px rgb(166, 237,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6357, 72.5256, 61.5186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 237, 193) }
```

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

```
.background{ background-color: rgb(166,  
237, 193) }
```

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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