

Converting Colors

XYZ(56.1798, 71.8232, 59.4572)

Have a look what the booklet for
XYZ(56.1798, 71.8232, 59.4572)
contains.

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Color

**XYZ(56.2362, 72.0186,
59.6522)**

Conversions

Conversions Part 1

Format	Color
Hex	ADEBBE
RGB	173, 235, 190
RGB Percent	68%, 92%, 75%
CMY	0.3216, 0.0784, 0.2549
CMYK	0.26, 0.00, 0.19, 0.08
HSL	136°, 61%, 80%
HSV	136°, 26%, 92%
XYZ	56.2362, 72.0186, 59.6522
YIQ	211.3320, -22.5070, -27.1390

Conversions

Conversions Part 2

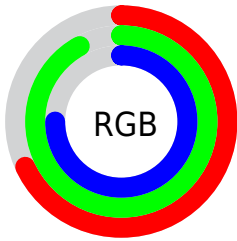
Format	Color
RYB	173, 222, 235
Decimal	11398078
CIELab	87.98, -28.42, 15.62
CIELCh	88, 32.433, 151.209
Yxy	72.0186, 0.2993, 0.3833
Android (android.graphics.Color)	4289588158 (0xFFAEBBE)
YUV	211.3320, -10.5167, -33.6172
Hunter-Lab	84.8638, -30.2260, 17.7287

Details

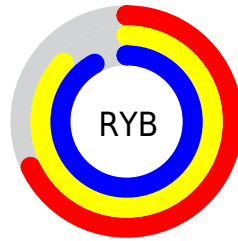
The XYZ color **56.2362, 72.0186, 59.6522** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.8619, 52.6130, 73.2277**, and the grayscale version is **62.2160, 65.4561, 71.2817**.

A 20% lighter version of the original color is **84.7077, 94.8318, 101.0286**, and **28.2432, 37.9683, 29.5069** is the 20% darker color. If you saturate the color by 10%, you get **49.7333, 68.8712, 50.1795**, and if you desaturate by 10%, it is **63.8752, 75.7305, 70.3202**.

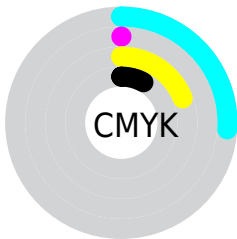
Distribution



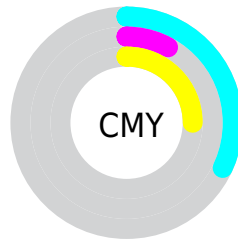
- Red (68%)
- Green (92%)
- Blue (75%)



- Red (68%)
- Yellow (87%)
- Blue (92%)



- Cyan (26%)
- Magenta (0%)
- Yellow (19%)
- Black (8%)





- Cyan (32%)
- Magenta (8%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.2362, 72.0186, 59.6522 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 56.2362, 72.0186, 59.6522 by changing the saturation by 10% instead.


 56.2362, 72.0186,
59.6522

 56.2362, 72.0186,
59.6522


400.6416,
467.6063, 441.0836

 40.6301, 53.1739,
42.7149


 98.4877, 122.0830,
105.8634

 28.2165, 37.9416,
29.3317


125.8637,
154.0714, 135.9744

 18.6302, 25.9374,
19.0842


157.8937,
191.2099, 171.3137

 11.5058, 16.7768,
11.5537

194.9432,
233.8827, 212.2998

 6.4779, 10.0755,
6.3217

237.3773,
282.4744, 259.3513

 3.1812, 5.4490,
2.9697


285.5615,

 1.2503, 2.5131,


337.3693, 312.8868


1.0792


339.8612,
398.9518, 373.3247


 0.1455, 0.8832,
0.0000


 0.0000, 0.0000,
0.0000


 56.2362, 72.0186,
59.6522


 56.2362, 72.0186,
59.6522


 49.7333, 68.8712,
50.1795


 63.8752, 75.7305,
70.3202

 44.3053, 66.2516,
41.8554

 72.6960, 80.0236,
82.2181

 39.8939, 64.1326,
34.6375

 82.7488, 84.9250,
95.3855

 36.4330, 62.4812,
28.4788

 88.9997, 87.8994,
106.8832

■ 33.8480, 61.2599,
23.3288

■ 32.0527, 60.4254,
19.1327

■ 30.9407, 59.9241,
15.8304

■ 30.6475, 59.7945,
14.8418

Harmonies

Analogous

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



61.0363, 72.0186, 47.3567



56.2362, 72.0186, 59.6522



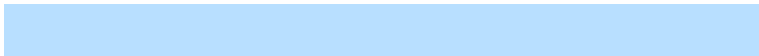
54.6429, 72.0186, 79.3173

Triad

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



56.2362, 72.0186, 59.6522



68.7655, 72.0186, 129.1278



81.9648, 72.0186, 58.3656

Complementary

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



56.2362, 72.0186, 59.6522



61.8619, 52.6130, 73.2277

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.



84.4100, 72.0186, 77.5216



56.2362, 72.0186, 59.6522



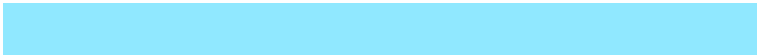
76.4442, 72.0186, 120.7406

Square

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



56.2362, 72.0186, 59.6522



61.5408, 72.0186, 121.9418



82.3188, 72.0186, 100.7520



75.8612, 72.0186, 46.7181

Rectangle

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



56.2362, 72.0186, 59.6522



55.5108, 72.0186, 94.8428



82.3188, 72.0186, 100.7520



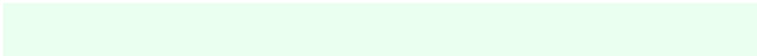
83.2616, 72.0186, 64.0047

Sweetspot

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



56.2381, 72.0216, 59.6538



85.6459, 95.4169, 96.4920



66.3071, 77.4147, 50.9838



17.9762, 20.2500, 20.1774



0.0000, 0.0000, 0.0000



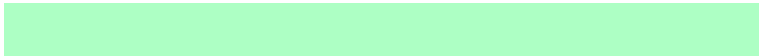
20.3446, 21.4041, 23.3091

Same Dimension

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



56.2381, 72.0216, 59.6538



63.0202, 84.4251, 65.0636



59.9332, 73.4997, 79.1119



15.0380, 16.9300, 16.8830



17.1020, 33.2953, 8.5024



1.3823, 2.6302, 0.8750

Inverse Universe

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



61.8619, 52.6130, 73.2277



70.9151, 57.1627, 84.1073



58.2264, 51.1588, 54.0832



15.5284, 15.2392, 18.0676



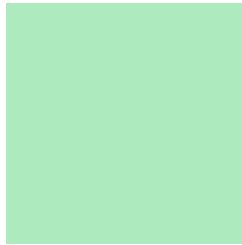
23.1923, 11.4796, 22.6118



1.8613, 0.9175, 1.9870

Previews

White Background



This preview shows how the XYZ color 56.2362, 72.0186, 59.6522 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 56.2362, 72.0186, 59.6522 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 56.2362, 72.0186, 59.6522

Background



This preview shows how black text looks on a background with the XYZ color 56.2362, 72.0186, 59.6522.



This preview shows how white text looks on a background with the XYZ color 56.2362, 72.0186,

59.6522.

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

56.2362, 72.0186, 59.6522

Protanopia

67.0537, 71.1962, 54.4641

Deuteranopia

72.8182, 71.3511, 61.5640



Tritanopia

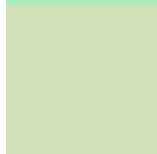
63.6321, 71.6593, 97.6666

Trichromacy



Original Color

56.2362, 72.0186, 59.6522



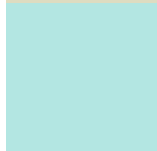
Protanomaly

62.5461, 71.2021, 56.3458



Deuteranomaly

65.3430, 70.5663, 60.6288



Tritanomaly

60.6147, 71.6683, 82.5901

Monochromacy



Original Color

56.2362, 72.0186, 59.6522



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

59.3986, 67.3685, 66.3727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2362, 72.0186, 59.6522 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(173, 235, 190)` looks like.

```
.text, #text, p{  
    color:rgb(173, 235, 190)  
}
```

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(173, 235, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 235, 190) }
```

Border

The CSS property to change the border of an element to XYZ 56.2362, 72.0186, 59.6522 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(173, 235, 190) }
```


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

```
.border{ border-color:rgb(173, 235, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 235, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 235, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 235, 190);  
box-shadow:4px 4px 4px 4px rgb(173, 235,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2362, 72.0186, 59.6522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 235, 190) }
```

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

```
.background{ background-color: rgb(173,  
235, 190) }
```

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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