

Converting Colors

XYZ(55.9346, 72.3080, 57.8130)

Have a look what the booklet for
XYZ(55.9346, 72.3080, 57.8130)
contains.

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Color

**XYZ(55.9784, 72.3494,
58.0282)**

Conversions

Conversions Part 1

Format	Color
Hex	ACECBB
RGB	172, 236, 187
RGB Percent	67%, 93%, 73%
CMY	0.3255, 0.0745, 0.2667
CMYK	0.27, 0.00, 0.21, 0.07
HSL	134°, 63%, 80%
HSV	134°, 27%, 93%
XYZ	55.9784, 72.3494, 58.0282
YIQ	211.2780, -22.4150, -28.8070

Conversions

Conversions Part 2

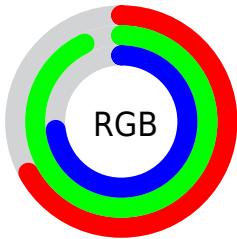
Format	Color
RYB	172, 224, 236
Decimal	11332795
CIELab	88.14, -29.75, 17.39
CIELCh	88, 34.463, 149.689
Yxy	72.3494, 0.3004, 0.3882
Android (android.graphics.Color)	4289522875 (0xFFACECBB)
YUV	211.2780, -11.9691, -34.4468
Hunter-Lab	85.0585, -31.3784, 19.0924

Details

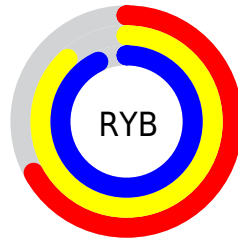
The XYZ color **55.9784, 72.3494, 58.0282** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **62.3983, 52.5601, 75.2661**, and the grayscale version is **62.1896, 65.4283, 71.2514**.

A 20% lighter version of the original color is **83.9326, 94.4850, 98.6077**, and **28.0955, 38.2153, 28.4498** is the 20% darker color. If you saturate the color by 10%, you get **49.4374, 69.1891, 48.2522**, and if you desaturate by 10%, it is **63.6865, 76.0874, 69.1325**.

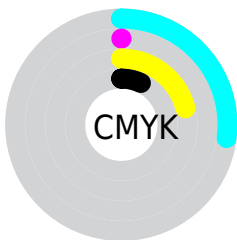
Distribution



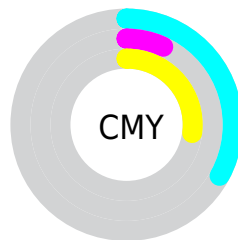
- Red (67%)
- Green (93%)
- Blue (73%)



- Red (67%)
- Yellow (88%)
- Blue (93%)



- Cyan (27%)
- Magenta (0%)
- Yellow (21%)
- Black (7%)




- Cyan (33%)
- Magenta (7%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.9784, 72.3494, 58.0282 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 55.9784, 72.3494, 58.0282 by changing the saturation by 10% instead.


 55.9784, 72.3494,
58.0282

 55.9784, 72.3494,
58.0282


399.6864,
468.7568, 434.8922

 40.4225, 53.4441,
41.4165


 98.1130, 122.5532,
103.4791

 28.0538, 38.1574,
28.3225


125.4224,
154.6204, 133.1554

 18.5069, 26.1049,
18.3277


157.3804,
191.8439, 168.0235

 11.4164, 16.9021,
11.0137

194.3524,
234.6078, 208.5022

 6.4170, 10.1647,
5.9618

236.7036,
283.2967, 255.0098

 3.1433, 5.5083,
2.7534


284.7994,

 1.2300, 2.5485,


338.2949, 307.9650


0.9702

339.0053,
399.9868, 367.7863

 0.1299, 0.9008,
0.0000


 0.0000, 0.0000,
0.0000


 55.9784, 72.3494,
58.0282


 55.9784, 72.3494,
58.0282


 49.4374, 69.1891,
48.2522


 63.6865, 76.0874,
69.1325


 44.0001, 66.5686,
39.7500

 72.6095, 80.4205,
81.6073

 39.6055, 64.4597,
32.4704

 82.7997, 85.3768,
95.4989

 36.1847, 62.8280,
26.3567

 89.2868, 88.4736,
106.9789

■ 33.6597, 61.6345,
21.3479

■ 31.9402, 60.8342,
17.3772

■ 30.9113, 60.3692,
14.3702

■ 30.6939, 60.2725,
13.6698

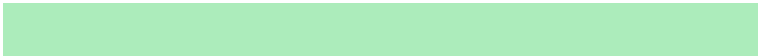
Harmonies

Analogous

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



61.2156, 72.3494, 45.5747



55.9784, 72.3494, 58.0282



54.1120, 72.3494, 78.5299

Triad

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



55.9784, 72.3494, 58.0282



68.6799, 72.3494, 133.4015



83.4641, 72.3494, 58.3772

Complementary

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



55.9784, 72.3494, 58.0282



62.3983, 52.5601, 75.2661

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.



85.8520, 72.3494, 79.0230



55.9784, 72.3494, 58.0282



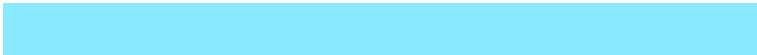
76.9129, 72.3494, 125.1200

Square

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



55.9784, 72.3494, 58.0282



61.0777, 72.3494, 124.7846



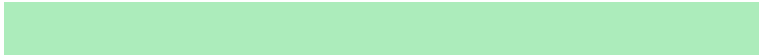
83.3661, 72.3494, 103.9599



77.0737, 72.3494, 45.7461

Rectangle

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



55.9784, 72.3494, 58.0282



54.9049, 72.3494, 95.0686



83.3661, 72.3494, 103.9599



84.7831, 72.3494, 64.4604

Sweetspot

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



55.9803, 72.3524, 58.0298



85.5254, 95.3687, 95.8572



67.2837, 78.3555, 50.6086



17.9460, 20.2379, 20.0185



0.0000, 0.0000, 0.0000



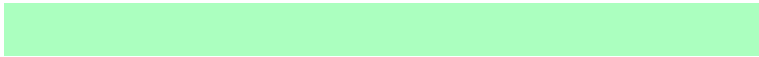
20.3446, 21.4041, 23.3091

Same Dimension

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



55.9803, 72.3524, 58.0298



61.8789, 83.9039, 61.9774



59.7884, 73.8757, 78.0828



15.0130, 16.9200, 16.7512



16.9597, 33.2384, 7.7531



1.3681, 2.6246, 0.8002

Inverse Universe

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



62.3983, 52.5601, 75.2661



70.8102, 56.3434, 85.9512



58.5393, 51.0166, 54.9454



15.5550, 15.2499, 18.2082



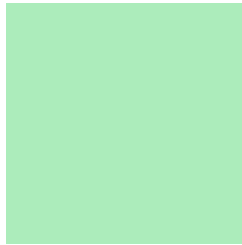
23.7001, 11.6827, 25.2857



1.8975, 0.9320, 2.1777

Previews

White Background



This preview shows how the XYZ color 55.9784, 72.3494, 58.0282 looks on a white background.

Color Contrast Check

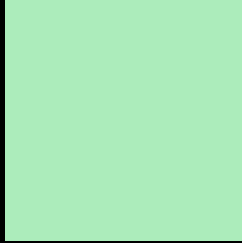
Large Text (above 18pt) WCAG AA × Fail

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 55.9784, 72.3494, 58.0282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

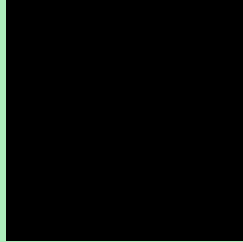
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.9784, 72.3494, 58.0282

Background



This preview shows how black text looks on a background with the XYZ color 55.9784, 72.3494, 58.0282.

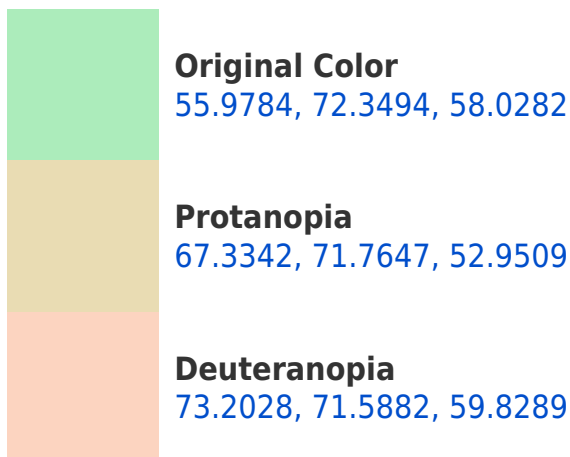


This preview shows how white text looks on a background with the XYZ color 55.9784, 72.3494,

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





Tritanopia

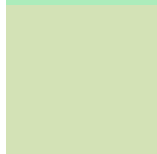
63.9064, 72.2079, 97.7581

Trichromacy



Original Color

55.9784, 72.3494, 58.0282



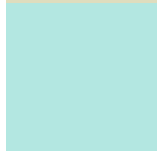
Protanomaly

62.5038, 71.6190, 54.7855



Deuteranomaly

65.5821, 71.1186, 58.9859



Tritanomaly

60.7569, 72.1718, 81.9625

Monochromacy



Original Color

55.9784, 72.3494, 58.0282



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

59.2798, 67.3210, 65.7470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9784, 72.3494, 58.0282 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(172, 236, 187)` looks like.

```
.text, #text, p{  
    color:rgb(172, 236, 187)  
}
```

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(172, 236, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 236, 187) }
```

Border

The CSS property to change the border of an element to XYZ 55.9784, 72.3494, 58.0282 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(172, 236, 187) }
```


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

```
.border{ border-color:rgb(172, 236, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 236, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 236, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 236, 187);  
box-shadow:4px 4px 4px 4px rgb(172, 236,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9784, 72.3494, 58.0282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 236, 187) }
```

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

```
.background{ background-color: rgb(172,  
236, 187) }
```

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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