

Converting Colors

XYZ(55.6982, 68.6844, 67.3733)

Have a look what the booklet for
XYZ(55.6982, 68.6844, 67.3733)
contains.

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Color

**XYZ(55.6557, 68.6171,
67.4378)**

Conversions

Conversions Part 1

Format	Color
Hex	ACE4CC
RGB	172, 228, 204
RGB Percent	67%, 89%, 80%
CMY	0.3255, 0.1059, 0.2000
CMYK	0.25, 0.00, 0.11, 0.11
HSL	154°, 51%, 78%
HSV	154°, 25%, 89%
XYZ	55.6557, 68.6171, 67.4378
YIQ	208.5200, -25.6720, -19.3360

Conversions

Conversions Part 2

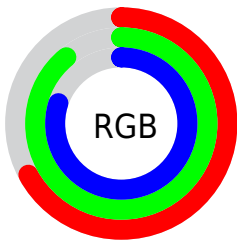
Format	Color
RYB	172, 208, 228
Decimal	11330764
CIELab	86.31, -22.70, 5.92
CIELCh	86, 23.463, 165.381
Yxy	68.6171, 0.2903, 0.3579
Android (android.graphics.Color)	4289520844 (0xFFACE4CC)
YUV	208.5200, -2.2284, -32.0280
Hunter-Lab	82.8354, -25.0310, 9.7158

Details

The XYZ color **55.6557, 68.6171, 67.4378** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.7136, 49.9862, 58.8865**, and the grayscale version is **60.3193, 63.4606, 69.1086**.

A 20% lighter version of the original color is **85.8049, 95.2340, 108.4673**, and **27.7288, 35.5586, 34.2562** is the 20% darker color. If you saturate the color by 10%, you get **49.9393, 65.8032, 61.2434**, and if you desaturate by 10%, it is **62.3080, 71.9086, 74.0629**.

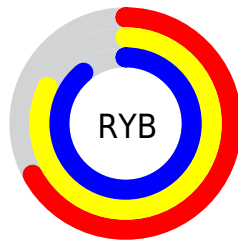
Distribution



Red (67%)

Green (89%)

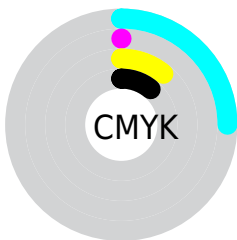
Blue (80%)



Red (67%)

Yellow (82%)

Blue (89%)

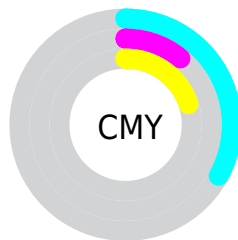


Cyan (25%)

Magenta (0%)

Yellow (11%)

Black (11%)



Cyan (33%)

Magenta (11%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.6557, 68.6171, 67.4378 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 55.6557, 68.6171, 67.4378 by changing the saturation by 10% instead.


 55.6557, 68.6171,
67.4378

 55.6557, 68.6171,
67.4378

398.4888,
455.6793, 470.0454

 40.1629, 50.3999,
48.9767


 97.6437, 117.2345,
117.1941

 27.8503, 35.7313,
34.2355


124.8696,
148.4036, 149.3264

 18.3527, 24.2267,
22.7958


156.7373,
184.6587, 186.8527

 11.3047, 15.5019,
14.2389

193.6120,
226.3843, 230.1918

 6.3410, 9.1724,
8.1464

235.8591,
273.9648, 279.7620

 3.0961, 4.8538,
4.0996


283.8441,

 1.2048, 2.1617,

327.7845, 335.9820


1.6802


337.9322,
388.2279, 399.2703


 0.1102, 0.6990,
0.3471


 0.0000, 0.0000,
0.0000


 55.6557, 68.6171,
67.4378


 55.6557, 68.6171,
67.4378


 49.9393, 65.8032,
61.2434


 62.3080, 71.9086,
74.0629


 45.1078, 63.4354,
55.4659

 69.9325, 75.6908,
81.1228

 41.1143, 61.4913,
50.0974

 78.5704, 79.9867,
88.6275

 37.9045, 59.9433,
45.1280

 85.1761, 83.2259,
96.4410

■ 35.4178, 58.7602,
40.5473

■ 86.6925, 83.8325,
104.4264

■ 33.5839, 57.9059,
36.3439

■ 87.0347, 83.9694,
106.2282

■ 32.3172, 57.3365,
32.5059

■ 31.7929, 57.1087,
30.5658

Harmonies

Analogous

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



58.0862, 68.6171, 55.6681



55.6557, 68.6171, 67.4378



55.6879, 68.6171, 82.9017

Triad

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



55.6557, 68.6171, 67.4378



68.0186, 68.6171, 107.3003



72.8066, 68.6171, 55.4381

Complementary

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



55.6557, 68.6171, 67.4378



56.7136, 49.9862, 58.8865

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.



75.7788, 68.6171, 67.0809



55.6557, 68.6171, 67.4378



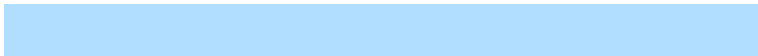
72.9120, 68.6171, 97.6691

Square

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



55.6557, 68.6171, 67.4378



62.6263, 68.6171, 107.4309



75.8184, 68.6171, 82.4921



67.8812, 68.6171, 49.4190

Rectangle

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



55.6557, 68.6171, 67.4378



57.0943, 68.6171, 93.3371



75.8184, 68.6171, 82.4921



74.0790, 68.6171, 58.7463

Sweetspot

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



55.6576, 68.6199, 67.4393



87.5777, 96.2874, 102.2482



58.0264, 70.2400, 49.5299



18.6138, 20.5442, 21.7654



0.0000, 0.0000, 0.0000



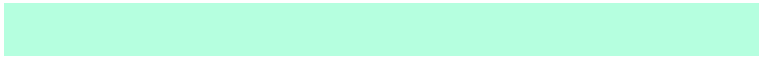
20.3446, 21.4041, 23.3091

Same Dimension

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



55.6576, 68.6199, 67.4393



68.1882, 86.6940, 83.1675



57.7465, 67.8297, 83.4511



14.5327, 16.2265, 17.0700



18.4181, 32.9993, 17.9678



1.4074, 2.4571, 1.5717

Inverse Universe

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



56.7136, 49.9862, 58.8865



69.7519, 59.1192, 70.5161



54.9164, 50.4203, 45.8683



14.6321, 14.4700, 16.2631



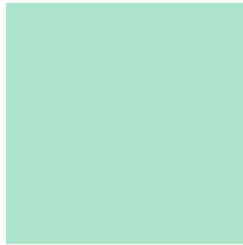
19.7972, 10.0531, 7.8270



1.5087, 0.7612, 0.8193

Previews

White Background



This preview shows how the XYZ color 55.6557, 68.6171, 67.4378 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 55.6557, 68.6171, 67.4378 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

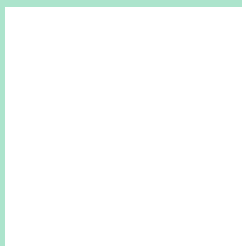
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.6557, 68.6171, 67.4378

Background



This preview shows how black text looks on a background with the XYZ color 55.6557, 68.6171, 67.4378.



This preview shows how white text looks on a background with the XYZ color 55.6557, 68.6171,

67.4378.

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

55.6557, 68.6171, 67.4378

Protanopia

64.8099, 68.3201, 62.5946

Deuteranopia

69.5376, 68.0165, 69.1380



Tritanopia

60.8553, 68.7099, 93.2740

Trichromacy



Original Color

55.6557, 68.6171, 67.4378

Protanomaly

60.9204, 68.1939, 64.5955

Deuteranomaly

63.5873, 67.5529, 68.7191

Tritanomaly

58.8333, 68.6820, 83.5549

Monochromacy



Original Color

55.6557, 68.6171, 67.4378

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

58.5833, 65.3525, 68.5581

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6557, 68.6171, 67.4378 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, 228, 204)` looks like.

```
.text, #text, p{  
    color:rgb(172, 228, 204)  
}
```

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, 228, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 228, 204) }
```

Border

The CSS property to change the border of an element to XYZ 55.6557, 68.6171, 67.4378 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, 228, 204) }
```


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

```
.border{ border-color:rgb(172, 228, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 228, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 228, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 228, 204);  
box-shadow:4px 4px 4px 4px rgb(172, 228,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6557, 68.6171, 67.4378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 228, 204) }
```

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

```
.background{ background-color: rgb(172,  
228, 204) }
```

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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