

Converting Colors

XYZ(55.3761, 67.0735, 64.6355)

Have a look what the booklet for
XYZ(55.3761, 67.0735, 64.6355)
contains.

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Color

**XYZ(55.2124, 66.8286,
64.6328)**

Conversions

Conversions Part 1

Format	Color
Hex	B1E0C8
RGB	177, 224, 200
RGB Percent	69%, 88%, 78%
CMY	0.3059, 0.1215, 0.2157
CMYK	0.21, 0.00, 0.11, 0.12
HSL	149°, 43%, 79%
HSV	149°, 21%, 88%
XYZ	55.2124, 66.8286, 64.6328
YIQ	207.2110, -20.3080, -17.4280

Conversions

Conversions Part 2

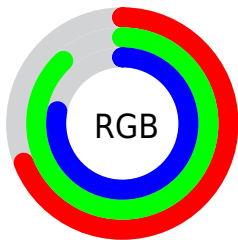
Format	Color
RYB	177, 209, 224
Decimal	11657416
CIELab	85.42, -19.95, 6.77
CIELCh	85, 21.070, 161.249
Yxy	66.8286, 0.2958, 0.3580
Android (android.graphics.Color)	4289847496 (0xFFB1E0C8)
YUV	207.2110, -3.5550, -26.4950
Hunter-Lab	81.7488, -22.5030, 10.3478

Details

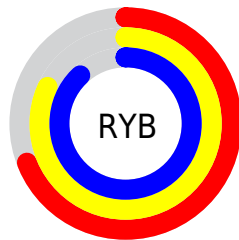
The XYZ color **55.2124, 66.8286, 64.6328** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.0075, 51.5101, 62.1989**, and the grayscale version is **59.4772, 62.5747, 68.1438**.

A 20% lighter version of the original color is **87.4143, 96.0636, 108.5427**, and **27.6885, 34.7363, 32.4396** is the 20% darker color. If you saturate the color by 10%, you get **49.2359, 63.8982, 57.6341**, and if you desaturate by 10%, it is **62.1302, 70.2364, 72.2006**.

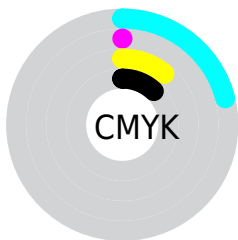
Distribution



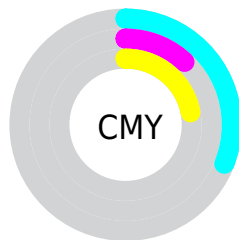
- Red (69%)
- Green (88%)
- Blue (78%)



- Red (69%)
- Yellow (82%)
- Blue (88%)



- Cyan (21%)
- Magenta (0%)
- Yellow (11%)
- Black (12%)



- Cyan (31%)
- Magenta (12%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2124, 66.8286, 64.6328 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 55.2124, 66.8286, 64.6328 by changing the saturation by 10% instead.

■ 55.2124, 66.8286,
64.6328

■ 55.2124, 66.8286,
64.6328

396.8399,
449.3344, 459.7413

■ 39.8063, 48.9453,
46.7139

■ 96.9986, 114.6748,
113.1300

■ 27.5711, 34.5761,
32.4568

124.1094,
145.4065, 144.5454

■ 18.1414, 23.3365,
21.4430

155.8525,
181.1898, 181.2967

■ 11.1519, 14.8422,
13.2538

192.5933,
222.4092, 223.8025

■ 6.2371, 8.7087,
7.4708

234.6970,
269.4489, 272.4814

■ 3.0318, 4.5517,
3.6753

282.5292,

■ 1.1706, 1.9867,

322.6934, 327.7517

1.4490

336.4550,
382.5271, 390.0322

■ 0.0830, 0.5997,
0.1795

■ 0.0000, 0.0000,
0.0000

■ 55.2124, 66.8286,
64.6328

■ 55.2124, 66.8286,
64.6328

■ 49.2359, 63.8982,
57.6341

■ 62.1302, 70.2364,
72.2006

■ 44.1522, 61.4149,
51.1867

■ 70.0238, 74.1336,
80.3459

■ 39.9165, 59.3577,
45.2781

■ 78.9328, 78.5422,
89.0825

■ 36.4780, 57.7007,
39.8937

■ 84.4944, 81.2129,
98.2168

■ 33.7801, 56.4150,
35.0183

■ 85.9470, 81.7939,
105.8657

■ 31.7581, 55.4675,
30.6357

■ 30.3353, 54.8190,
26.7285

■ 29.4504, 54.4313,
23.5957

Harmonies

Analogous

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



57.6533, 66.8286, 54.7260



55.2124, 66.8286, 64.6328



54.9296, 66.8286, 78.0178

Triad

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



55.2124, 66.8286, 64.6328



65.3272, 66.8286, 101.7325



70.6772, 66.8286, 56.7633

Complementary

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



55.2124, 66.8286, 64.6328



57.0075, 51.5101, 62.1989

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.



72.9592, 66.8286, 67.7534



55.2124, 66.8286, 64.6328



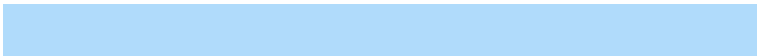
69.7688, 66.8286, 94.3873

Square

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



55.2124, 66.8286, 64.6328



60.6117, 66.8286, 100.6229



72.6186, 66.8286, 81.5522



66.5170, 66.8286, 50.5911

Rectangle

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



55.2124, 66.8286, 64.6328



55.9856, 66.8286, 87.2811



72.6186, 66.8286, 81.5522



71.6986, 66.8286, 59.9548

Sweetspot

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



55.2143, 66.8314, 64.6343



88.4108, 96.7197, 102.1559



58.7574, 68.9455, 51.8067



18.7752, 20.6288, 21.7122



0.0000, 0.0000, 0.0000



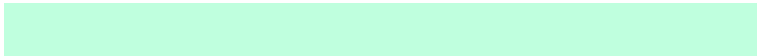
20.3446, 21.4041, 23.3091

Same Dimension

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



55.2143, 66.8314, 64.6343



70.5533, 87.9266, 82.6734



58.1379, 68.0008, 80.0300



13.8069, 15.4485, 16.0184



17.1992, 31.7045, 14.0380



1.2373, 2.2156, 1.2108

Inverse Universe

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



57.0075, 51.5101, 62.1989



73.3535, 64.0020, 78.8699



54.4787, 50.4986, 48.8821



13.9979, 13.8168, 15.7591



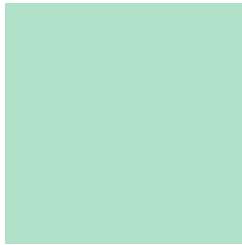
19.7323, 9.9599, 10.5223



1.4130, 0.7085, 0.9674

Previews

White Background



This preview shows how the XYZ color 55.2124, 66.8286, 64.6328 looks on a white background.

Color Contrast Check

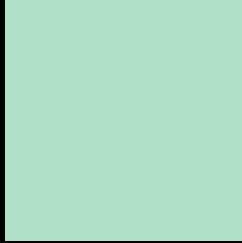
Large Text (above 18pt) WCAG AA × Fail

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 55.2124, 66.8286, 64.6328 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

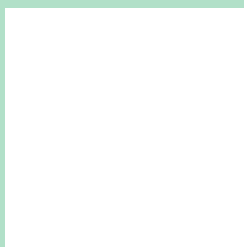
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.2124, 66.8286, 64.6328

Background



This preview shows how black text looks on a background with the XYZ color 55.2124, 66.8286, 64.6328.



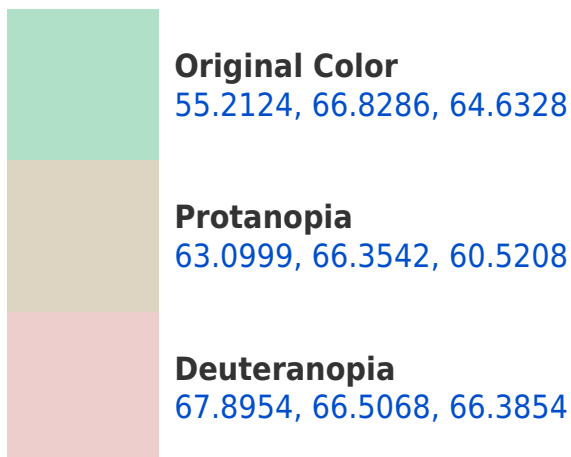
This preview shows how white text looks on a background with the XYZ color 55.2124, 66.8286,

64.6328.

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

60.2390, 66.9095, 89.0968

Trichromacy



Original Color

55.2124, 66.8286, 64.6328

Protanomaly

59.6965, 66.0764, 61.8322

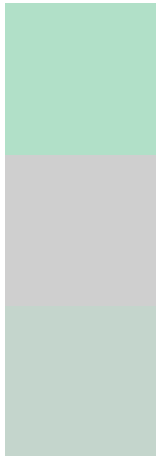
Deuteranomaly

62.5981, 66.3474, 66.0070

Tritanomaly

58.2318, 66.8644, 79.6490

Monochromacy



Original Color

55.2124, 66.8286, 64.6328

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

57.4583, 63.6839, 66.3906

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2124, 66.8286, 64.6328 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(177, 224, 200)` looks like.

```
.text, #text, p{  
    color:rgb(177, 224, 200)  
}
```

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(177, 224, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 224, 200) }
```

Border

The CSS property to change the border of an element to XYZ 55.2124, 66.8286, 64.6328 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(177, 224, 200) }
```


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

```
.border{ border-color:rgb(177, 224, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 224, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 224, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 224, 200);  
box-shadow:4px 4px 4px 4px rgb(177, 224,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2124, 66.8286, 64.6328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 224, 200) }
```

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

```
.background{ background-color: rgb(177,  
224, 200) }
```

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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