

Converting Colors

XYZ(55.3197, 63.3457, 65.9137)

Have a look what the booklet for
XYZ(55.3197, 63.3457, 65.9137)
contains.

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Color

**XYZ(55.3296, 63.3518,
65.8118)**

Conversions

Conversions Part 1

Format	Color
Hex	BAD7CB
RGB	186, 215, 203
RGB Percent	73%, 84%, 80%
CMY	0.2706, 0.1568, 0.2039
CMYK	0.13, 0.00, 0.06, 0.16
HSL	155°, 27%, 79%
HSV	155°, 13%, 84%
XYZ	55.3296, 63.3518, 65.8118
YIQ	204.9610, -13.4320, -9.8800

Conversions

Conversions Part 2

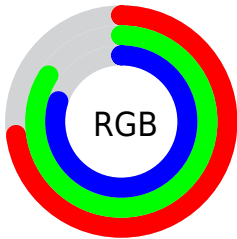
Format	Color
RYB	186, 204, 215
Decimal	12244939
CIELab	83.63, -11.94, 2.67
CIELCh	84, 12.235, 167.393
Yxy	63.3518, 0.2999, 0.3434
Android (android.graphics.Color)	4290435019 (0xFFBAD7CB)
YUV	204.9610, -0.9668, -16.6288
Hunter-Lab	79.5938, -15.2051, 6.6920

Details

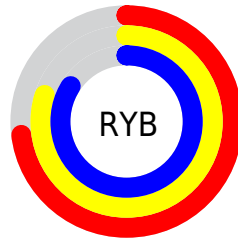
The XYZ color **55.3296, 63.3518, 65.8118** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.7785, 53.6437, 60.8434**, and the grayscale version is **58.0171, 61.0385, 66.4709**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **27.6685, 32.2981, 33.2096** is the 20% darker color. If you saturate the color by 10%, you get **49.4643, 60.4489, 60.1606**, and if you desaturate by 10%, it is **62.0453, 66.6895, 71.8232**.

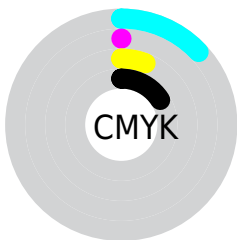
Distribution



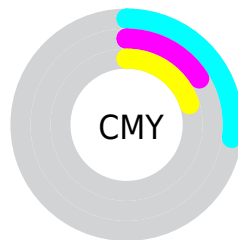
- Red (73%)
- Green (84%)
- Blue (80%)



- Red (73%)
- Yellow (80%)
- Blue (84%)



- Cyan (13%)
- Magenta (0%)
- Yellow (6%)
- Black (16%)



- Cyan (27%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3296, 63.3518, 65.8118 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 55.3296, 63.3518, 65.8118 by changing the saturation by 10% instead.

■ 55.3296, 63.3518,
65.8118

■ 55.3296, 63.3518,
65.8118

397.2762,
436.8451, 464.0893

■ 39.9006, 46.1259,
47.6641

■ 97.1692, 109.6769,
114.8406

■ 27.6449, 32.3452,
33.2029

124.3105,
139.5448, 146.5588

■ 18.1972, 21.6253,
22.0095

156.0866,
174.3956, 183.6376

■ 11.1922, 13.5818,
13.6655

192.8628,
214.6135, 226.4955

■ 6.2645, 7.8304,
7.7523

235.0045,
260.5831, 275.5511

■ 3.0488, 3.9866,
3.8514

282.8771,

■ 1.1796, 1.6661,

312.6886, 331.2229

1.5442

336.8459,
371.3145, 393.9295

■ 0.0902, 0.4015,
0.2505

■ 0.0000, 0.0000,
0.0000

■ 55.3296, 63.3518,
65.8118

■ 55.3296, 63.3518,
65.8118

■ 49.4643, 60.4489,
60.1606

■ 62.0453, 66.6895,
71.8232

■ 44.4081, 57.9544,
54.8583

■ 69.6397, 70.4714,
78.1974

■ 40.1240, 55.8512,
49.8993

■ 78.1467, 74.7164,
84.9422

■ 36.5701, 54.1178,
45.2760

■ 81.0617, 76.0713,
91.7582

■ 33.7002, 52.7304,
40.9805

■ 82.4063, 76.6091,
98.8383

■ 31.4628, 51.6627,
37.0045

■ 83.5917, 77.0833,
105.0806

■ 29.7983, 50.8840,
33.3391

■ 28.6350, 50.3576,
29.9747

■ 28.0690, 50.1103,
27.9393

Harmonies

Analogous

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



56.5047, 63.3518, 59.4741



55.3296, 63.3518, 65.8118



55.4348, 63.3518, 73.4799

Triad

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



55.3296, 63.3518, 65.8118



61.7656, 63.3518, 84.0234



63.7659, 63.3518, 58.6892

Complementary

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



55.3296, 63.3518, 65.8118



55.7785, 53.6437, 60.8434

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.



65.2603, 63.3518, 64.6664



55.3296, 63.3518, 65.8118



64.0821, 63.3518, 79.4469

Square

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



55.3296, 63.3518, 65.8118



59.0976, 63.3518, 84.3872



65.3777, 63.3518, 72.2469



61.3444, 63.3518, 55.5713

Rectangle

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



55.3296, 63.3518, 65.8118



56.2167, 63.3518, 78.3235



65.3777, 63.3518, 72.2469



64.3964, 63.3518, 60.4096

Sweetspot

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



55.3314, 63.3545, 65.8132



90.7241, 97.8476, 105.1887



56.4762, 64.1660, 55.8639



19.2496, 20.8593, 22.3674



0.0000, 0.0000, 0.0000



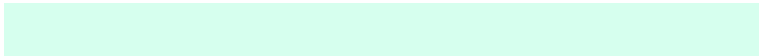
20.3446, 21.4041, 23.3091

Same Dimension

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



55.3314, 63.3545, 65.8132



78.9994, 92.0260, 94.5763



56.2071, 62.7272, 73.4383



12.5647, 14.0169, 14.7880



16.8417, 29.9920, 16.9941



1.0566, 1.8253, 1.2396

Inverse Universe

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



55.7785, 53.6437, 60.8434



79.7731, 75.2288, 85.9807



54.9616, 54.1385, 54.0082



12.6342, 12.5052, 14.0142



17.8899, 9.0923, 6.7243



1.1197, 0.5647, 0.6197

Previews

White Background



This preview shows how the XYZ color 55.3296, 63.3518, 65.8118 looks on a white background.

Color Contrast Check

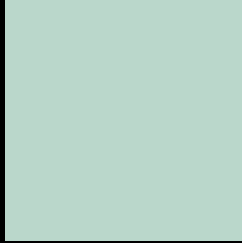
Large Text (above 18pt) WCAG AA × Fail

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 55.3296, 63.3518, 65.8118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

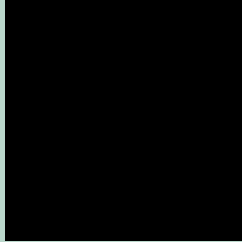
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

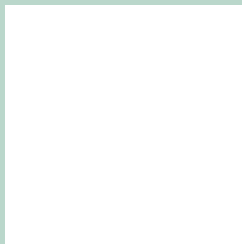
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.3296, 63.3518, 65.8118

Background



This preview shows how black text looks on a background with the XYZ color 55.3296, 63.3518, 65.8118.



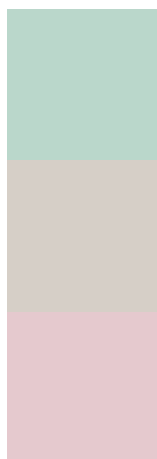
This preview shows how white text looks on a background with the XYZ color 55.3296, 63.3518,

65.8118.

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

55.3296, 63.3518, 65.8118

Protanopia

60.3532, 63.0453, 63.0208

Deuteranopia

64.3403, 62.8875, 67.1399



Tritanopia

58.5331, 63.1371, 82.5004

Trichromacy



Original Color

55.3296, 63.3518, 65.8118

Protanomaly

58.3738, 63.1007, 63.7466

Deuteranomaly

60.5313, 62.6965, 66.6689

Tritanomaly

57.3159, 63.0203, 76.1611

Monochromacy



Original Color

55.3296, 63.3518, 65.8118

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

56.9883, 61.9663, 66.0838

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3296, 63.3518, 65.8118 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(186, 215, 203)` looks like.

```
.text, #text, p{  
    color:rgb(186, 215, 203)  
}
```

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(186, 215, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 215, 203) }
```

Border

The CSS property to change the border of an element to XYZ 55.3296, 63.3518, 65.8118 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(186, 215, 203) }
```


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

```
.border{ border-color:rgb(186, 215, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 215, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 215, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 215, 203);  
box-shadow:4px 4px 4px 4px rgb(186, 215,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3296, 63.3518, 65.8118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 215, 203) }
```

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

```
.background{ background-color: rgb(186,  
215, 203) }
```

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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