

Converting Colors

XYZ(50.7239, 55.9641, 62.1615)

Have a look what the booklet for
XYZ(50.7239, 55.9641, 62.1615)
contains.

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Color

**XYZ(50.7239, 55.9641,
62.1615)**

Conversions

Conversions Part 1

Format	Color
Hex	B7C9C7
RGB	183, 201, 199
RGB Percent	72%, 79%, 78%
CMY	0.2823, 0.2117, 0.2196
CMYK	0.09, 0.00, 0.01, 0.21
HSL	173°, 14%, 75%
HSV	173°, 9%, 79%
XYZ	50.7239, 55.9641, 62.1615
YIQ	195.3900, -10.0860, -4.4380

Conversions

Conversions Part 2

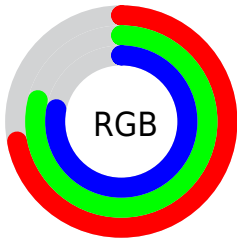
Format	Color
R_{YB}	183, 193, 201
Decimal	12044743
CIE _{Lab}	79.59, -6.47, -1.10
CIE _{LCh}	80, 6.567, 189.626
Y _{xy}	55.9641, 0.3004, 0.3314
Android (android.graphics.Color)	4290234823 (0xFFB7C9C7)
YUV	195.3900, 1.7797, -10.8660
Hunter-Lab	74.8092, -9.8852, 3.1003

Details

The XYZ color **50.7239, 55.9641, 62.1615** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.7799, 49.7888, 52.8881**, and the grayscale version is **52.0997, 54.8129, 59.6913**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **24.7505, 27.6576, 30.8220** is the 20% darker color. If you saturate the color by 10%, you get **46.0228, 53.5719, 60.5969**, and if you desaturate by 10%, it is **56.1148, 58.7145, 63.7806**.

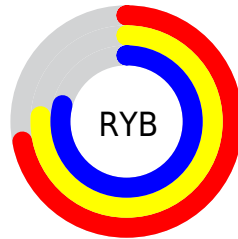
Distribution



Red (72%)

Green (79%)

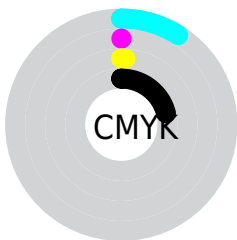
Blue (78%)



Red (72%)

Yellow (76%)

Blue (79%)

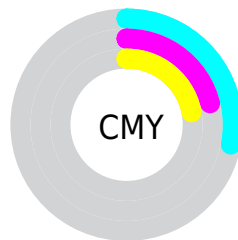


Cyan (9%)

Magenta (0%)

Yellow (1%)

Black (21%)



Cyan (28%)

Magenta (21%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.7239, 55.9641, 62.1615 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 50.7239, 55.9641, 62.1615 by changing the saturation by 10% instead.

■ 50.7239, 55.9641,
62.1615

■ 50.7239, 55.9641,
62.1615

379.8955,
409.5562, 450.5438

■ 36.2091, 40.1741,
44.7266

■ 90.4319, 98.9521,
109.5328

■ 24.7666, 27.6743,
30.9007

116.3559,
126.9189, 140.3062

■ 16.0310, 18.0803,
20.2654

146.8135,
159.7135, 176.3629

■ 9.6371, 11.0077,
12.4022

182.1703,
197.7202, 218.1213

■ 5.2194, 6.0720,
6.8923

222.7915,
241.3234, 266.0001

■ 2.4127, 2.8889,
3.3174

269.0426,

■ 0.8514, 1.0740,

290.9075, 320.4178

1.2589

321.2888,
346.8570, 381.7928

■ 0.0000, 0.0000,
0.0278

■ 0.0000, 0.0000,
0.0000

■ 50.7239, 55.9641,
62.1615

■ 50.7239, 55.9641,
62.1615

■ 46.0228, 53.5719,
60.5969

■ 56.1148, 58.7145,
63.7806

■ 41.9780, 51.5161,
59.0817

■ 62.2177, 61.8300,
65.4520

■ 38.5601, 49.7830,
57.6155

■ 69.0600, 65.3262,
67.1780

■ 35.7357, 48.3555,
56.1969

■ 73.5064, 67.5869,
68.8121

■ 33.4685, 47.2147,
54.8239

■ 73.7835, 67.6977,
70.2713

■ 31.7180, 46.3399,
53.4945

■ 74.0645, 67.8101,
71.7510

■ 30.4381, 45.7072,
52.2066

■ 74.3494, 67.9241,
73.2513

■ 29.5746, 45.2889,
50.9576

■ 74.6383, 68.0396,
74.7723

■ 29.0377, 45.0384,
49.7430

■ 74.9310, 68.1567,
76.3141

Harmonies

Analogous

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



50.8434, 55.9641, 58.4346



50.7239, 55.9641, 62.1615



51.2572, 55.9641, 65.6999

Triad

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



50.7239, 55.9641, 62.1615



54.8308, 55.9641, 66.7195



54.0826, 55.9641, 54.3591

Complementary

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



50.7239, 55.9641, 62.1615



49.7799, 49.7888, 52.8881

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.



55.1753, 55.9641, 56.4070



50.7239, 55.9641, 62.1615



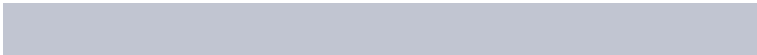
55.6122, 55.9641, 63.5066

Square

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



50.7239, 55.9641, 62.1615



53.6186, 55.9641, 68.4025



55.7393, 55.9641, 59.7255



52.7680, 55.9641, 54.0325

Rectangle

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



50.7239, 55.9641, 62.1615



51.9165, 55.9641, 67.4380



55.7393, 55.9641, 59.7255



54.4886, 55.9641, 54.8649

Sweetspot

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



50.7255, 55.9665, 62.1627



92.1546, 98.5231, 108.0507



49.4673, 55.5213, 52.9102



19.5633, 21.0056, 23.0790



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.



50.7255, 55.9665, 62.1627



84.9743, 94.8634, 105.8267



49.3868, 52.9144, 62.8716



10.8939, 12.0464, 13.3915



18.2467, 28.3111, 31.3075



0.8789, 1.3465, 1.5608

Inverse Universe

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



49.7799, 49.7888, 52.8881



82.9883, 81.8880, 86.3473



51.0284, 52.6219, 52.2682



10.6811, 10.6558, 11.3037



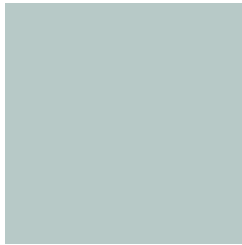
15.2557, 7.8519, 1.2906



0.7389, 0.3784, 0.1482

Previews

White Background



This preview shows how the XYZ color 50.7239, 55.9641, 62.1615 looks on a white background.

Color Contrast Check

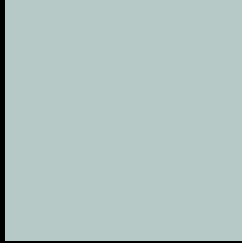
Large Text (above 18pt) WCAG AA × Fail

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 50.7239, 55.9641, 62.1615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

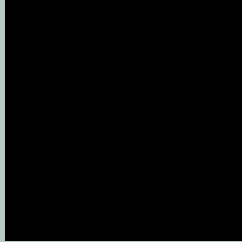
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

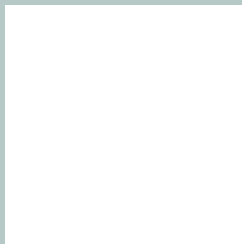
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.7239, 55.9641, 62.1615

Background



This preview shows how black text looks on a background with the XYZ color 50.7239, 55.9641, 62.1615.



This preview shows how white text looks on a background with the XYZ color 50.7239, 55.9641,

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

50.7239, 55.9641, 62.1615

Protanopia

53.7911, 55.8829, 60.1759

Deuteranopia

56.9050, 55.7748, 63.0247



Tritanopia

52.8107, 56.1410, 71.6712

Trichromacy



Original Color

50.7239, 55.9641, 62.1615

Protanomaly

52.5203, 55.8887, 60.8428

Deuteranomaly

54.5690, 55.8969, 62.5567

Tritanomaly

52.1705, 56.2263, 68.4247

Monochromacy



Original Color

50.7239, 55.9641, 62.1615

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.4159, 54.9944, 60.1296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7239, 55.9641, 62.1615 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(183, 201, 199)` looks like.

```
.text, #text, p{  
    color:rgb(183, 201, 199)  
}
```

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(183, 201, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 201, 199) }
```

Border

The CSS property to change the border of an element to XYZ 50.7239, 55.9641, 62.1615 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(183, 201, 199) }
```


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

```
.border{ border-color:rgb(183, 201, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 201, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 201, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 201, 199);  
box-shadow:4px 4px 4px 4px rgb(183, 201,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7239, 55.9641, 62.1615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 201, 199) }
```

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

```
.background{ background-color: rgb(183,  
201, 199) }
```

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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