

Converting Colors

XYZ(55.6326, 61.0549, 68.9701)

Have a look what the booklet for
XYZ(55.6326, 61.0549, 68.9701)
contains.

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Color

**XYZ(55.7949, 61.2807,
69.2093)**

Conversions

Conversions Part 1

Format	Color
Hex	<code>BFD1D1</code>
RGB	191, 209, 209
RGB Percent	75%, 82%, 82%
CMY	0.2510, 0.1804, 0.1804
CMYK	0.09, 0.00, 0.00, 0.18
HSL	180°, 16%, 78%
HSV	180°, 9%, 82%
XYZ	55.7949, 61.2807, 69.2093
YIQ	203.6180, -10.7280, -3.8160

Conversions

Conversions Part 2

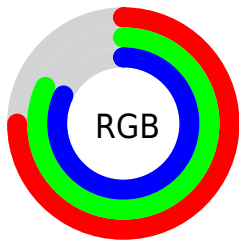
Format	Color
R_{YB}	191, 200, 209
Decimal	12571089
CIE _{Lab}	82.53, -6.04, -2.08
CIE _{LCh}	83, 6.391, 199.025
Yxy	61.2807, 0.2995, 0.3290
Android (android.graphics.Color)	4290761169 (0xFFBFD1D1)
YUV	203.6180, 2.6533, -11.0660
Hunter-Lab	78.2820, -9.7690, 2.3790

Details

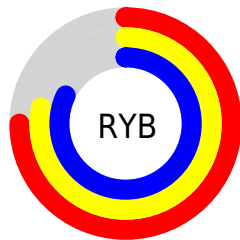
The XYZ color **55.7949, 61.2807, 69.2093** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.3314, 54.5801, 56.9643**, and the grayscale version is **57.1435, 60.1194, 65.4700**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **27.9543, 31.1276, 35.5452** is the 20% darker color. If you saturate the color by 10%, you get **50.9094, 58.7639, 68.9796**, and if you desaturate by 10%, it is **61.4340, 64.1894, 69.4768**.

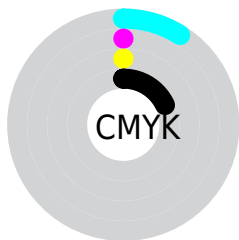
Distribution



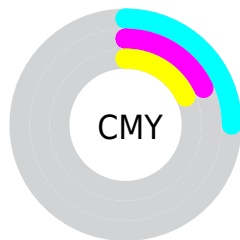
- Red (75%)
- Green (82%)
- Blue (82%)



- Red (75%)
- Yellow (78%)
- Blue (82%)



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)



- Cyan (25%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7949, 61.2807, 69.2093 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 55.7949, 61.2807, 69.2093 by changing the saturation by 10% instead.

■ 55.7949, 61.2807,
69.2093

■ 55.7949, 61.2807,
69.2093

399.0057,
429.3025, 476.4827

■ 40.2749, 44.4517,
50.4094

■ 97.8462, 106.6853,
119.7510

■ 27.9381, 31.0258,
35.3653

125.1081,
136.0297, 152.3298

■ 18.4192, 20.6185,
23.6586

157.0148,
170.3147, 190.3387

■ 11.3529, 12.8454,
14.8707

193.9315,
209.9246, 234.1962

■ 6.3737, 7.3222,
8.5831

236.2235,
255.2440, 284.3208

■ 3.1165, 3.6644,
4.3772

284.2564,

■ 1.2156, 1.4877,

306.6572, 341.1310

1.8345

338.3953,
364.5485, 405.0455

■ 0.1187, 0.2800,
0.4505

■ 0.0000, 0.0000,
0.0000

■ 55.7949, 61.2807,
69.2093

■ 55.7949, 61.2807,
69.2093

■ 50.9094, 58.7639,
68.9796

■ 61.4340, 64.1894,
69.4768

■ 46.7406, 56.6148,
68.7822

■ 67.8511, 67.4975,
69.7794

■ 43.2564, 54.8187,
68.6169

■ 75.0761, 71.2221,
70.1198

■ 40.4202, 53.3566,
68.4819

■ 75.5522, 71.4674,
70.1444

■ 38.1921, 52.2080,
68.3753

■ 75.5526, 71.4676,
70.1467

■ 36.5276, 51.3500,
68.2951

■ 75.5530, 71.4678,
70.1490

■ 35.3763, 50.7565,
68.2389

■ 75.5535, 71.4679,
70.1513

■ 34.6788, 50.3970,
68.2040

■ 75.5539, 71.4681,
70.1537

■ 34.3427, 50.2238,
68.1859

■ 75.5544, 71.4683,
70.1560

Harmonies

Analogous

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



55.7021, 61.2807, 65.3009



55.7949, 61.2807, 69.2093



56.5383, 61.2807, 72.5727

Triad

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



55.7949, 61.2807, 69.2093



60.2533, 61.2807, 71.7849



58.7475, 61.2807, 59.6013

Complementary

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



55.7949, 61.2807, 69.2093



54.3314, 54.5801, 56.9643

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.



59.9867, 61.2807, 61.1988



55.7949, 61.2807, 69.2093



60.8651, 61.2807, 68.1681

Square

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



55.7949, 61.2807, 69.2093



59.1068, 61.2807, 74.0995



60.7668, 61.2807, 64.2994



57.3925, 61.2807, 59.8554

Rectangle

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



55.7949, 61.2807, 69.2093



57.3093, 61.2807, 74.0056



60.7668, 61.2807, 64.2994



59.1917, 61.2807, 59.9369

Sweetspot

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



55.7967, 61.2833, 69.2107



92.2911, 98.5778, 108.7698



53.7675, 60.4804, 58.1311



19.6003, 21.0204, 23.2740



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.



55.7967, 61.2833, 69.2107



86.2822, 95.4801, 108.4860



53.7200, 57.1294, 68.5203



12.1583, 13.4071, 15.1902



21.1513, 30.9534, 42.0383



1.1827, 1.7307, 2.3507

Inverse Universe

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



54.3314, 54.5801, 56.9643



83.6113, 83.2611, 86.1627



56.2855, 58.4888, 57.6140



11.8089, 11.8083, 12.2693



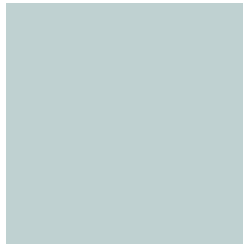
16.2126, 8.3579, 0.7596



0.9065, 0.4673, 0.0426

Previews

White Background



This preview shows how the XYZ color 55.7949, 61.2807, 69.2093 looks on a white background.

Color Contrast Check

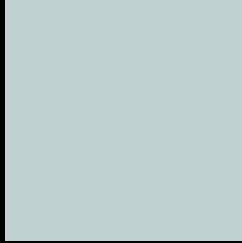
Large Text (above 18pt) WCAG AA × Fail

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 55.7949, 61.2807, 69.2093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

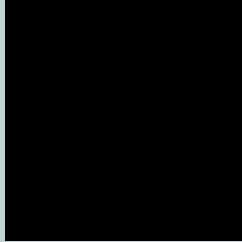
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

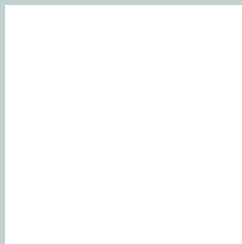
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.7949, 61.2807, 69.2093

Background



This preview shows how black text looks on a background with the XYZ color 55.7949, 61.2807, 69.2093.

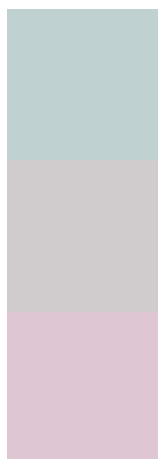


This preview shows how white text looks on a background with the XYZ color 55.7949, 61.2807,

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

55.7949, 61.2807, 69.2093

Protanopia

58.7459, 61.0519, 67.0805

Deuteranopia

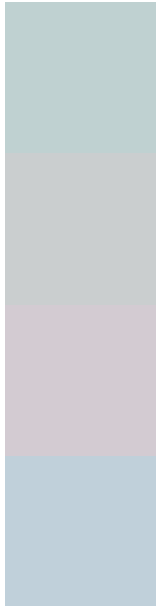
62.3055, 61.0796, 70.1337



Tritanopia

57.6244, 61.2908, 78.6052

Trichromacy



Original Color

55.7949, 61.2807, 69.2093

Protanomaly

57.6909, 61.2042, 67.8044

Deuteranomaly

59.8528, 61.2139, 69.6337

Tritanomaly

56.9490, 61.3802, 75.1757

Monochromacy



Original Color

55.7949, 61.2807, 69.2093

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.7651, 60.7410, 67.1249

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7949, 61.2807, 69.2093 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(191, 209, 209)` looks like.

```
.text, #text, p{  
    color:rgb(191, 209, 209)  
}
```

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(191, 209, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 209, 209) }
```

Border

The CSS property to change the border of an element to XYZ 55.7949, 61.2807, 69.2093 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(191, 209, 209) }
```


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

```
.border{ border-color:rgb(191, 209, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 209, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 209, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 209, 209);  
box-shadow:4px 4px 4px 4px rgb(191, 209,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7949, 61.2807, 69.2093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 209, 209) }
```

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

```
.background{ background-color: rgb(191,  
209, 209) }
```

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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