

Converting Colors

XYZ(59.4216, 62.1125, 69.0097)

Have a look what the booklet for
XYZ(59.4216, 62.1125, 69.0097)
contains.

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Color

**XYZ(59.3121, 62.0115,
69.1649)**

Conversions

Conversions Part 1

Format	Color
Hex	CFCED1
RGB	207, 206, 209
RGB Percent	81%, 81%, 82%
CMY	0.1882, 0.1921, 0.1804
CMYK	0.01, 0.01, 0.00, 0.18
HSL	260°, 3%, 81%
HSV	260°, 1%, 82%
XYZ	59.3121, 62.0115, 69.1649
YIQ	206.6410, -0.3670, 1.1450

Conversions

Conversions Part 2

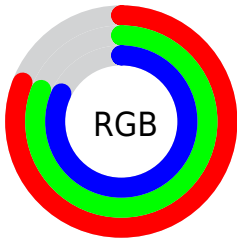
Format	Color
R _Y B	207, 206, 209
Decimal	13618897
CIE Lab	82.92, 0.90, -1.37
CIE LCh	83, 1.640, 303.088
Yxy	62.0115, 0.3114, 0.3255
Android (android.graphics.Color)	4291808977 (0xFFCFCEd1)
YUV	206.6410, 1.1630, 0.3148
Hunter-Lab	78.7474, -3.3627, 3.0479

Details

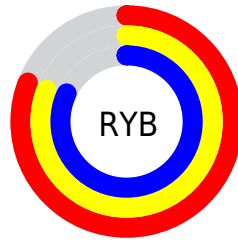
The XYZ color **59.3121, 62.0115, 69.1649** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.9558, 63.4687, 67.4864**, and the grayscale version is **59.0717, 62.1481, 67.6792**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.2815, 31.5953, 35.5128** is the 20% darker color. If you saturate the color by 10%, you get **50.8854, 50.6897, 67.4246**, and if you desaturate by 10%, it is **68.7557, 74.8542, 71.1470**.

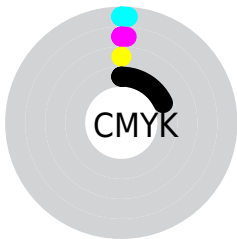
Distribution



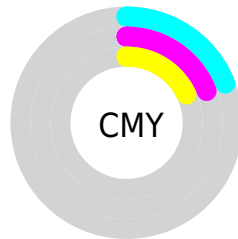
- Red (81%)
- Green (81%)
- Blue (82%)



- Red (81%)
- Yellow (81%)
- Blue (82%)



- Cyan (1%)
- Magenta (1%)
- Yellow (0%)
- Black (18%)



- Cyan (19%)
- Magenta (19%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.3121, 62.0115, 69.1649 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 59.3121, 62.0115, 69.1649 by changing the saturation by 10% instead.

■ 59.3121, 62.0115,
69.1649

■ 59.3121, 62.0115,
69.1649

411.9330,
431.9730, 476.3220

■ 43.1117, 45.0420,
50.3734

102.9432,
107.7422, 119.6870

■ 30.1677, 31.4905,
35.3369

131.1046,
137.2721, 152.2547

■ 20.1146, 20.9726,
23.6369

163.9838,
171.7576, 190.2515

■ 12.5871, 13.1040,
14.8548

201.9460,
211.5831, 234.0961

■ 7.2199, 7.5002,
8.5721

245.3567,
257.1330, 284.2069

■ 3.6476, 3.7768,
4.3701

294.5812,

■ 1.5047, 1.5495,

308.7917, 341.0024

1.8305

349.9848,
366.9436, 404.9013

■ 0.3291, 0.3232,
0.4480

■ 0.0000, 0.0000,
0.0000

■ 59.3121, 62.0115,
69.1649

■ 59.3121, 62.0115,
69.1649

■ 50.8854, 50.6897,
67.4246

■ 68.7557, 74.8542,
71.1470

■ 43.4353, 40.8238,
65.9130

■ 79.2442, 89.2637,
73.3755

■ 36.9262, 32.3559,
64.6216

■ 86.2818, 96.2354,
74.3503

■ 31.3188, 25.2211,
63.5400

■ 88.5088, 97.3835,
74.4545

■ 26.5702, 19.3492,
62.6569

■ 22.6343, 14.6634,
61.9599

■ 19.4600, 11.0783,
61.4352

■ 16.9898, 8.4966,
61.0670

■ 15.1565, 6.8028,
60.8367

Harmonies

Analogous

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



58.9767, 62.0115, 69.4835



59.3121, 62.0115, 69.1649



59.5485, 62.0115, 68.4053

Triad

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



59.3121, 62.0115, 69.1649



59.2484, 62.0115, 65.7982



58.2636, 62.0115, 67.6250

Complementary

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



59.3121, 62.0115, 69.1649



59.9558, 63.4687, 67.4864

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.



58.3358, 62.0115, 66.6423



59.3121, 62.0115, 69.1649



58.9034, 62.0115, 65.5939

Square

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



59.3121, 62.0115, 69.1649



59.5117, 62.0115, 66.4623



58.5696, 62.0115, 65.9014



58.3721, 62.0115, 68.5888

Rectangle

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



59.3121, 62.0115, 69.1649



59.6177, 62.0115, 67.7546



58.5696, 62.0115, 65.9014



58.2676, 62.0115, 67.2859

Sweetspot

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



59.3139, 62.0142, 69.1663

95.0500, 100.0000, 108.9000



59.5325, 62.8634, 69.3187



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



59.3139, 62.0142, 69.1663



92.2033, 96.1492, 108.3068



59.7210, 62.2241, 69.1853



12.9346, 13.4966, 15.1670



8.7253, 3.6784, 37.4426



0.5713, 0.2487, 2.0975

Inverse Universe

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



59.7532, 62.2548, 68.5447



93.1726, 96.6803, 106.9329



59.5498, 63.2594, 67.4674



13.0609, 13.5658, 14.9881



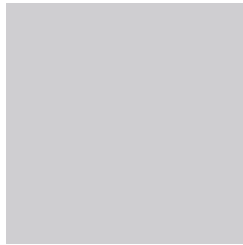
19.1552, 9.5349, 16.2553



1.1070, 0.5475, 1.0983

Previews

White Background



This preview shows how the XYZ color 59.3121, 62.0115, 69.1649 looks on a white background.

Color Contrast Check

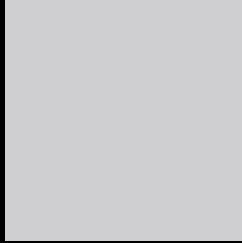
Large Text (above 18pt) WCAG AA × Fail

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 59.3121, 62.0115, 69.1649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

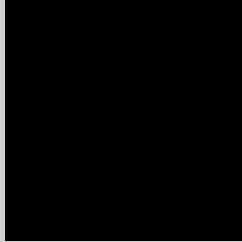
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

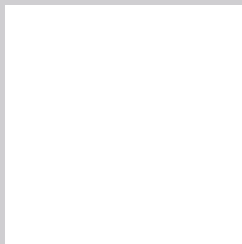
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.3121, 62.0115, 69.1649

Background



This preview shows how black text looks on a background with the XYZ color 59.3121, 62.0115, 69.1649.

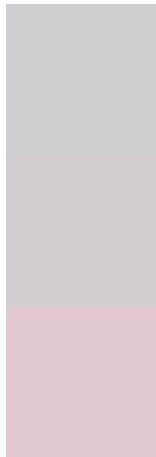


This preview shows how white text looks on a background with the XYZ color 59.3121, 62.0115, 69.1649.

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

59.3121, 62.0115, 69.1649

Protanopia

59.6344, 61.8214, 69.1113

Deuteranopia

63.3385, 61.9692, 69.5957



Tritanopia

60.8056, 61.9083, 76.4549

Trichromacy



Original Color

59.3121, 62.0115, 69.1649

Protanomaly

59.3524, 61.6760, 69.0981

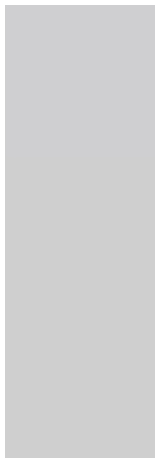
Deuteranomaly

61.6668, 61.7996, 69.6511

Tritanomaly

60.2384, 62.0304, 73.7639

Monochromacy



Original Color

59.3121, 62.0115, 69.1649

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.4301, 62.4451, 68.5953

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3121, 62.0115, 69.1649 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(207, 206, 209) looks like.

```
.text, #text, p{  
    color:rgb(207, 206, 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(207, 206, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 206, 209) }
```

Border

The CSS property to change the border of an element to XYZ 59.3121, 62.0115, 69.1649 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(207, 206, 209) }
```

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

```
.border{ border-color:rgb(207, 206, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 206, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 206, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 206, 209);  
box-shadow:4px 4px 4px 4px rgb(207, 206,  
209) }
```


Background

The CSS property to change the background color of an element to XYZ 59.3121, 62.0115, 69.1649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 206, 209) }
```

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

```
.background{ background-color: rgb(207,  
206, 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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