

Converting Colors

XYZ(59.3262, 59.9921, 55.3798)

Have a look what the booklet for
XYZ(59.3262, 59.9921, 55.3798)
contains.

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Color

**XYZ(59.2119, 59.8069,
55.4368)**

Conversions

Conversions Part 1

Format	Color
Hex	DDC7BB
RGB	221, 199, 187
RGB Percent	87%, 78%, 73%
CMY	0.1333, 0.2196, 0.2667
CMYK	0.00, 0.10, 0.15, 0.13
HSL	21°, 33%, 80%
HSV	21°, 15%, 87%
XYZ	59.2119, 59.8069, 55.4368
YIQ	204.2100, 16.9640, 0.9320

Conversions

Conversions Part 2

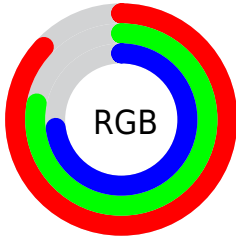
Format	Color
R _Y B	221, 206, 187
Decimal	14534587
CIE Lab	81.73, 5.77, 8.80
CIE LCh	82, 10.525, 56.767
Yxy	59.8069, 0.3394, 0.3428
Android (android.graphics.Color)	4292724667 (0xFFDDC7BB)
YUV	204.2100, -8.4845, 14.7248
Hunter-Lab	77.3349, 1.3334, 11.6330

Details

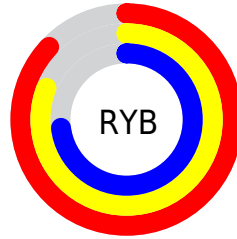
The XYZ color **59.2119, 59.8069, 55.4368** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.3448, 61.3849, 77.2860**, and the grayscale version is **57.5732, 60.5714, 65.9623**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **30.1544, 30.0790, 26.7708** is the 20% darker color. If you saturate the color by 10%, you get **53.8896, 52.6612, 42.8746**, and if you desaturate by 10%, it is **65.2107, 67.7217, 70.0222**.

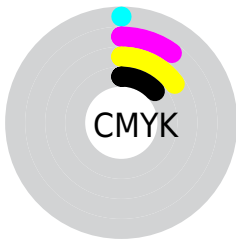
Distribution



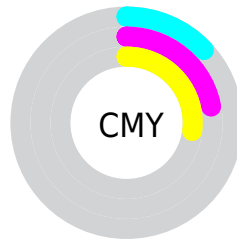
- Red (87%)
- Green (78%)
- Blue (73%)



- Red (87%)
- Yellow (81%)
- Blue (73%)



- Cyan (0%)
- Magenta (10%)
- Yellow (15%)
- Black (13%)





- Cyan (13%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.2119, 59.8069, 55.4368 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 59.2119, 59.8069, 55.4368 by changing the saturation by 10% instead.


 59.2119, 59.8069,
55.4368

 59.2119, 59.8069,
55.4368


411.5682,
423.8856, 424.8941

 43.0307, 43.2630,
39.3506


 102.7984,
104.5495, 99.6582

 30.1039, 30.0915,
26.7226


130.9345,
133.5170, 128.6305

 20.0659, 19.9081,
17.1344


163.7863,
167.3945, 162.7352

 12.5515, 12.3282,
10.1674

201.7192,
206.5664, 202.3908

 7.1953, 6.9676,
5.4030

245.0984,
251.4170, 248.0160

 3.6320, 3.4419,
2.4228

294.2894,

 1.4961, 1.3665,

302.3309, 300.0293

0.7988

349.6576,
359.6923, 358.8491

■ 0.3232, 0.1919,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.2119, 59.8069,
55.4368

■ 59.2119, 59.8069,
55.4368

■ 53.8896, 52.6612,
42.8746

■ 65.2107, 67.7217,
70.0222

■ 49.2138, 46.2532,
32.2417

■ 71.9049, 76.4202,
86.7115

■ 45.1595, 40.5605,
23.4420

■ 79.3184, 85.9266,
105.5857

■ 41.6978, 35.5569,
16.3701

■ 83.6290, 94.1123,
108.3655

■ 38.7976, 31.2142,
10.9093

■ 36.4242, 27.5022,
6.9283

■ 34.5385, 24.3875,
4.2749

■ 33.0941, 21.8330,
2.7629

■ 32.5454, 20.8250,
2.3043

Harmonies

Analogous

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



60.7344, 59.8069, 59.7772



59.2119, 59.8069, 55.4368



57.0853, 59.8069, 53.6804

Triad

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



59.2119, 59.8069, 55.4368



52.6959, 59.8069, 64.4337



58.7852, 59.8069, 76.6334

Complementary

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



59.2119, 59.8069, 55.4368



56.3448, 61.3849, 77.2860

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.



56.6047, 59.8069, 78.0782



59.2119, 59.8069, 55.4368



53.1247, 59.8069, 70.7711

Square

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



59.2119, 59.8069, 55.4368



53.3547, 59.8069, 58.6583



54.5414, 59.8069, 75.8688



60.4836, 59.8069, 72.0387

Rectangle

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



59.2119, 59.8069, 55.4368



55.6244, 59.8069, 54.1206



54.5414, 59.8069, 75.8688



58.0827, 59.8069, 77.5160

Sweetspot

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



59.2135, 59.8096, 55.4381



90.4894, 94.0555, 97.5866



59.1108, 55.5220, 67.9886



19.2355, 19.9577, 20.5600



0.0000, 0.0000, 0.0000



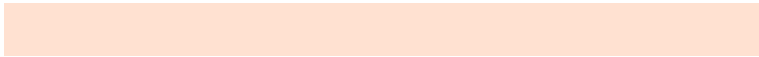
20.3446, 21.4041, 23.3091

Same Dimension

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



59.2135, 59.8096, 55.4381



79.7689, 79.8843, 71.6015



63.3193, 68.0212, 56.8067



13.4303, 13.7999, 13.6814



19.0028, 12.2911, 1.3709



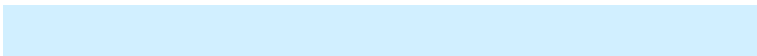
1.3106, 0.9552, 0.1153

Inverse Universe

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



56.3448, 61.3849, 77.2860



75.1791, 82.4025, 106.5507



52.4171, 53.5293, 75.9767



13.0379, 14.0156, 16.6702



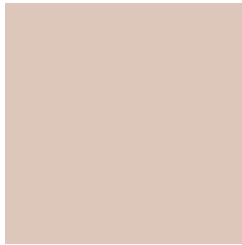
13.3955, 14.6604, 41.8621



0.9477, 1.1096, 2.7387

Previews

White Background



This preview shows how the XYZ color 59.2119, 59.8069, 55.4368 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 59.2119, 59.8069, 55.4368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

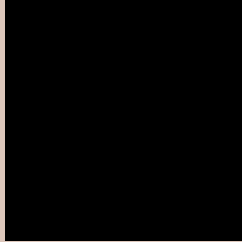
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.2119, 59.8069, 55.4368

Background



This preview shows how black text looks on a background with the XYZ color 59.2119, 59.8069, 55.4368.



This preview shows how white text looks on a background with the XYZ color 59.2119, 59.8069,

55.4368.

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

59.2119, 59.8069, 55.4368

Protanopia

57.1196, 60.0876, 56.7317

Deuteranopia

61.1301, 59.7687, 55.8916



Tritanopia

62.0134, 59.5807, 69.8598

Trichromacy



Original Color

59.2119, 59.8069, 55.4368

Protanomaly

57.9292, 60.1680, 56.1373

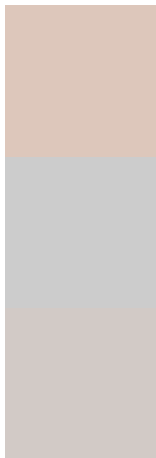
Deuteranomaly

60.4074, 59.7321, 55.9226

Tritanomaly

60.8320, 59.4321, 64.1425

Monochromacy



Original Color

59.2119, 59.8069, 55.4368

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.8919, 60.0199, 61.9599

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2119, 59.8069, 55.4368 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(221, 199, 187)` looks like.

```
.text, #text, p{  
    color:rgb(221, 199, 187)  
}
```

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(221, 199, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 199, 187) }
```

Border

The CSS property to change the border of an element to XYZ 59.2119, 59.8069, 55.4368 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(221, 199, 187) }
```


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

```
.border{ border-color:rgb(221, 199, 187) }
```

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

Here you see how a box with a 4 pixel rgb(221, 199, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 199, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 199, 187); box-shadow:4px 4px 4px 4px rgb(221, 199, 187) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2119, 59.8069, 55.4368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 199, 187) }
```

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

```
.background{ background-color: rgb(221,  
199, 187) }
```

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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