

Converting Colors

XYZ(59.5612, 62.8424, 62.4170)

Have a look what the booklet for
XYZ(59.5612, 62.8424, 62.4170)
contains.

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Color

**XYZ(59.6129, 63.0379,
62.4517)**

Conversions

Conversions Part 1

Format	Color
Hex	D3D0C6
RGB	211, 208, 198
RGB Percent	83%, 82%, 78%
CMY	0.1725, 0.1843, 0.2235
CMYK	0.00, 0.01, 0.06, 0.17
HSL	46°, 13%, 80%
HSV	46°, 6%, 83%
XYZ	59.6129, 63.0379, 62.4517
YIQ	207.7570, 4.9980, -2.4740

Conversions

Conversions Part 2

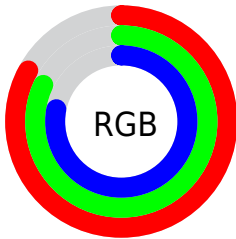
Format	Color
R _Y B	202, 211, 198
Decimal	13881542
CIE Lab	83.46, -0.72, 5.31
CIE LCh	83, 5.364, 97.750
Yxy	63.0379, 0.3221, 0.3406
Android (android.graphics.Color)	4292071622 (0xFFD3D0C6)
YUV	207.7570, -4.8102, 2.8441
Hunter-Lab	79.3964, -4.9213, 8.9411

Details

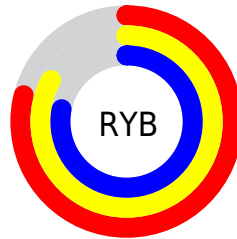
The XYZ color **59.6129, 63.0379, 62.4517** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.9331, 58.4812, 69.9687**, and the grayscale version is **59.8263, 62.9419, 68.5437**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.2999, 32.1927, 31.0024** is the 20% darker color. If you saturate the color by 10%, you get **56.1799, 59.7987, 50.1248**, and if you desaturate by 10%, it is **63.4249, 66.4909, 76.5792**.

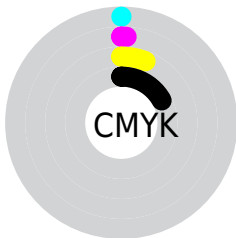
Distribution



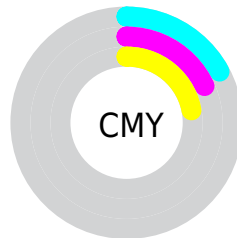
- Red (83%)
- Green (82%)
- Blue (78%)



- Red (79%)
- Yellow (83%)
- Blue (78%)



- Cyan (0%)
- Magenta (1%)
- Yellow (6%)
- Black (17%)



- Cyan (17%)
- Magenta (18%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6129, 63.0379, 62.4517 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 59.6129, 63.0379, 62.4517 by changing the saturation by 10% instead.

■ 59.6129, 63.0379,
62.4517

■ 59.6129, 63.0379,
62.4517

413.0271,
435.7070, 451.6299

■ 43.3550, 45.8719,
44.9596

103.3775,
109.2242, 109.9560

■ 30.3595, 32.1447,
31.0829

131.6148,
139.0132, 140.8054

■ 20.2610, 21.4721,
20.4030

164.5760,
173.7787, 176.9442

■ 12.6943, 13.4695,
12.5013

202.6264,
213.9051, 218.7911

■ 7.2939, 7.7526,
6.9594

246.1313,
259.7767, 266.7646

■ 3.6945, 3.9371,
3.3587

295.4562,

■ 1.5308, 1.6384,

311.7780, 321.2832

1.2806

350.9663,
370.2933, 382.7654

■ 0.3467, 0.3833,
0.0458

■ 0.0000, 0.0000,
0.0000

■ 59.6129, 63.0379,
62.4517

■ 59.6129, 63.0379,
62.4517

■ 56.1799, 59.7987,
50.1248

■ 63.4249, 66.4909,
76.5792

■ 53.1064, 56.7589,
39.5209

■ 67.6240, 70.1554,
92.5725

■ 50.3788, 53.9147,
30.5629

■ 71.1933, 73.6272,
105.0669

■ 47.9809, 51.2588,
23.1659

■ 72.5082, 76.2568,
105.5052

45.8946, 48.7838,
17.2377

73.8606, 78.9616,
105.9560

44.1005, 46.4811,
12.6763

75.2509, 81.7422,
106.4194

42.5762, 44.3413,
9.3665

76.6793, 84.5992,
106.8956

41.2959, 42.3535,
7.1740

78.1463, 87.5331,
107.3846

40.2274, 40.5043,
5.9305

79.6521, 90.5447,
107.8865

Harmonies

Analogous

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



60.7712, 63.0379, 62.8476



59.6129, 63.0379, 62.4517



58.5494, 63.0379, 63.6701

Triad

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



59.6129, 63.0379, 62.4517



58.1551, 63.0379, 72.6565



62.0212, 63.0379, 71.1052

Complementary

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



59.6129, 63.0379, 62.4517



55.9331, 58.4812, 69.9687

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.



61.3030, 63.0379, 73.8569



59.6129, 63.0379, 62.4517



59.0681, 63.0379, 74.7726

Square

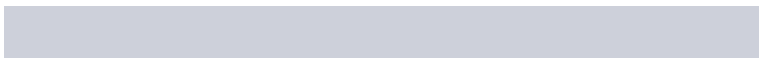
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.6129, 63.0379, 62.4517



57.7149, 63.0379, 69.5097



60.2194, 63.0379, 75.2190



62.1716, 63.0379, 67.7727

Rectangle

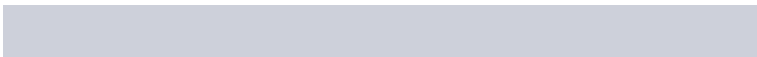
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.6129, 63.0379, 62.4517



58.0338, 63.0379, 65.2579



60.2194, 63.0379, 75.2190



61.8377, 63.0379, 72.1320

Sweetspot

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



59.6146, 63.0406, 62.4531



93.8658, 98.9283, 104.5081



57.6054, 58.4566, 63.5269



20.1036, 21.1860, 22.4150



0.0000, 0.0000, 0.0000



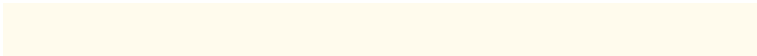
20.3446, 21.4041, 23.3091

Same Dimension

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



59.6146, 63.0406, 62.4531



91.0097, 96.3066, 94.0280



59.3695, 64.0089, 62.6529



12.7057, 13.4496, 13.0377



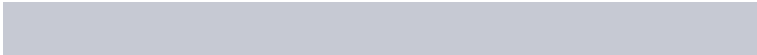
24.1306, 24.1942, 3.3981



1.4069, 1.4682, 0.2092

Inverse Universe

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



55.9331, 58.4812, 69.9687



84.5585, 88.3171, 107.1979



56.1659, 57.5746, 69.7814



11.7485, 12.2642, 14.9917



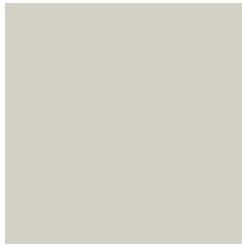
7.8144, 4.2753, 37.6059



0.4988, 0.3628, 2.1233

Previews

White Background



This preview shows how the XYZ color 59.6129, 63.0379, 62.4517 looks on a white background.

Color Contrast Check

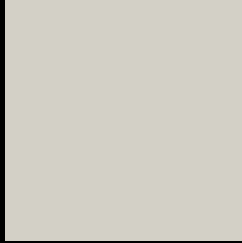
Large Text (above 18pt) WCAG AA × Fail

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 59.6129, 63.0379, 62.4517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

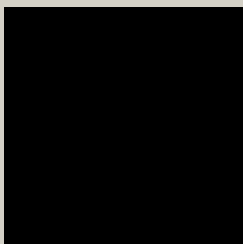
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

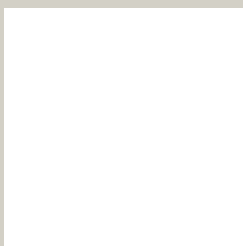
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.6129, 63.0379, 62.4517

Background



This preview shows how black text looks on a background with the XYZ color 59.6129, 63.0379, 62.4517.

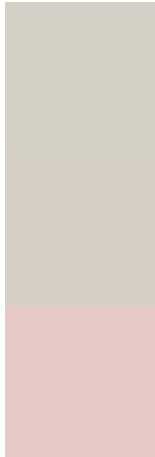


This preview shows how white text looks on a background with the XYZ color 59.6129, 63.0379,

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

59.6129, 63.0379, 62.4517

Protanopia

60.1224, 62.9530, 61.8057

Deuteranopia

64.1504, 62.8857, 62.7899



Tritanopia

62.6140, 63.1792, 77.3013

Trichromacy



Original Color

59.6129, 63.0379, 62.4517

Protanomaly

59.8314, 62.8030, 61.7921

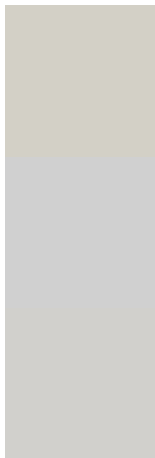
Deuteranomaly

62.6421, 63.1565, 62.9217

Tritanomaly

61.5221, 63.0928, 71.8864

Monochromacy



Original Color

59.6129, 63.0379, 62.4517

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.7495, 63.0267, 66.1430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6129, 63.0379, 62.4517 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(211, 208, 198) looks like.

```
.text, #text, p{  
    color:rgb(211, 208, 198)  
}
```

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(211, 208, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 208, 198) }
```

Border

The CSS property to change the border of an element to XYZ 59.6129, 63.0379, 62.4517 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(211, 208, 198) }
```


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

```
.border{ border-color:rgb(211, 208, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 208, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 208, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 208, 198);  
box-shadow:4px 4px 4px 4px rgb(211, 208,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6129, 63.0379, 62.4517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 208, 198) }
```

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

```
.background{ background-color: rgb(211,  
208, 198) }
```

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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