

Converting Colors

XYZ(58.9614, 64.2774, 49.6056)

Have a look what the booklet for
XYZ(58.9614, 64.2774, 49.6056)
contains.

XYZ(59.0129, 64.4783, 49.8927)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(59.0129, 64.4783,
49.8927)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D4AF
RGB	214, 212, 175
RGB Percent	84%, 83%, 69%
CMY	0.1608, 0.1686, 0.3137
CMYK	0.00, 0.01, 0.18, 0.16
HSL	57°, 32%, 76%
HSV	57°, 18%, 84%
XYZ	59.0129, 64.4783, 49.8927
YIQ	208.3800, 13.0690, -11.0830

Conversions

Conversions Part 2

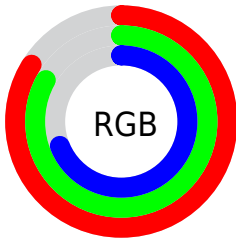
Format	Color
RYB	177, 214, 175
Decimal	14079151
CIELab	84.21, -5.40, 18.59
CIELCh	84, 19.363, 106.208
Yxy	64.4783, 0.3404, 0.3719
Android (android.graphics.Color)	4292269231 (0xFFD6D4AF)
YUV	208.3800, -16.4563, 4.9287
Hunter-Lab	80.2984, -9.3389, 19.3695

Details

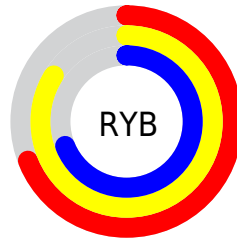
The XYZ color **59.0129, 64.4783, 49.8927** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.5388, 45.4122, 69.9839**, and the grayscale version is **60.2999, 63.4401, 69.0863**.

A 20% lighter version of the original color is **91.4238, 98.5495, 89.8047**, and **29.8679, 32.8900, 23.1866** is the 20% darker color. If you saturate the color by 10%, you get **56.8034, 63.1603, 39.5955**, and if you desaturate by 10%, it is **61.5608, 65.9390, 61.9476**.

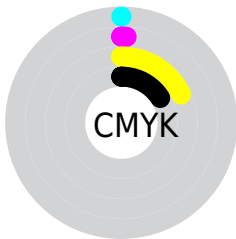
Distribution



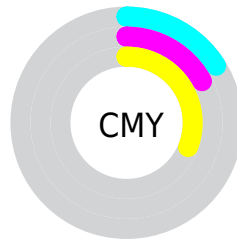
- Red (84%)
- Green (83%)
- Blue (69%)



- Red (69%)
- Yellow (84%)
- Blue (69%)



- Cyan (0%)
- Magenta (1%)
- Yellow (18%)
- Black (16%)



- Cyan (16%)
- Magenta (17%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.0129, 64.4783, 49.8927 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 59.0129, 64.4783, 49.8927 by changing the saturation by 10% instead.

■ 59.0129, 64.4783,
49.8927

■ 59.0129, 64.4783,
49.8927

410.8430,
440.9148, 402.9692

■ 42.8699, 47.0382,
34.9576

■ 102.5109,
111.2995, 91.4105

■ 29.9771, 33.0658,
23.3469

130.5967,
141.4493, 118.8303

■ 19.9692, 22.1769,
14.6422

163.3941,
176.6045, 151.2488

■ 12.4808, 13.9869,
8.4248

201.2685,
217.1495, 189.0843

■ 7.1465, 8.1116,
4.2763

244.5852,
263.4686, 232.7556

■ 3.6011, 4.1664,
1.7781

293.7096,

■ 1.4790, 1.7671,

315.9463, 282.6812

0.4135

349.0071,
374.9669, 339.2795

■ 0.3115, 0.4665,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.0129, 64.4783,
49.8927

■ 59.0129, 64.4783,
49.8927

■ 56.8034, 63.1603,
39.5955

■ 61.5608, 65.9390,
61.9476

■ 54.9116, 61.9701,
30.9695

■ 64.4566, 67.5397,
75.8331

■ 53.3222, 60.9039,
23.9270

■ 67.7158, 69.2887,
91.6229

■ 52.0167, 59.9542,
18.3706

■ 70.4362, 70.8251,
104.5660

■ 50.9747, 59.1128,
14.1923

■ 70.7182, 71.3893,
104.6600

■ 50.1729, 58.3704,
11.2696

■ 71.0022, 71.9571,
104.7546

■ 49.5837, 57.7160,
9.4581

■ 71.2880, 72.5288,
104.8499

■ 49.1670, 57.1336,
8.5457

■ 71.5757, 73.1042,
104.9458

■ 49.1002, 57.0333,
8.4207

■ 71.8653, 73.6833,
105.0423

Harmonies

Analogous

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



63.2704, 64.4783, 49.6878



59.0129, 64.4783, 49.8927



55.5259, 64.4783, 55.1059

Triad

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



59.0129, 64.4783, 49.8927



55.7564, 64.4783, 88.6594



69.6420, 64.4783, 75.9842

Complementary

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



59.0129, 64.4783, 49.8927



45.5388, 45.4122, 69.9839

Split Complementary

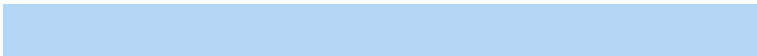
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.4284, 64.4783, 87.8394



59.0129, 64.4783, 49.8927



59.3409, 64.4783, 95.7135

Square

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



59.0129, 64.4783, 49.8927



53.7066, 64.4783, 77.0025



63.6140, 64.4783, 95.3970



69.5441, 64.4783, 63.8215

Rectangle

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



59.0129, 64.4783, 49.8927



54.0487, 64.4783, 61.1083



63.6140, 64.4783, 95.3970



69.1393, 64.4783, 80.1645

Sweetspot

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



59.0146, 64.4812, 49.8941



92.8569, 98.7904, 98.3758



51.0580, 48.1552, 48.5140



19.8115, 21.1098, 20.7520



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.



59.0146, 64.4812, 49.8941



86.3885, 95.0815, 67.7714



54.8372, 63.0726, 49.8424



13.4159, 14.4060, 13.2342



29.7017, 34.5206, 5.0977



1.8085, 2.1162, 0.3132

Inverse Universe

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



45.5388, 45.4122, 69.9839



62.6432, 61.4815, 103.1732



49.1812, 46.7093, 70.0423



11.7931, 12.1096, 15.6533



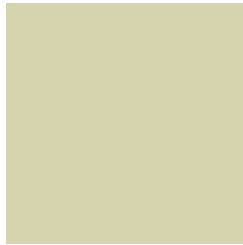
7.4313, 3.1243, 38.6645



0.4666, 0.2251, 2.3382

Previews

White Background



This preview shows how the XYZ color 59.0129, 64.4783, 49.8927 looks on a white background.

Color Contrast Check

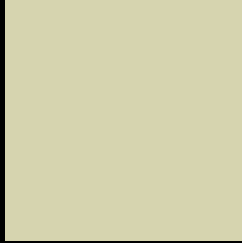
Large Text (above 18pt) WCAG AA × Fail

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 59.0129, 64.4783, 49.8927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

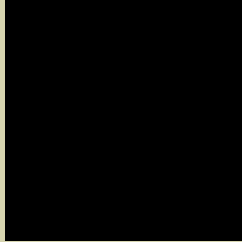
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

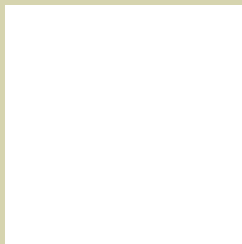
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.0129, 64.4783, 49.8927

Background



This preview shows how black text looks on a background with the XYZ color 59.0129, 64.4783, 49.8927.



This preview shows how white text looks on a background with the XYZ color 59.0129, 64.4783,

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

59.0129, 64.4783, 49.8927

Protanopia

60.8108, 64.6788, 49.3236

Deuteranopia

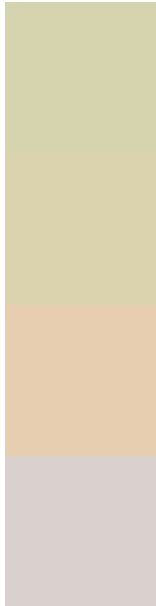
65.6743, 64.2926, 50.5433



Tritanopia

64.7713, 64.6322, 78.1687

Trichromacy



Original Color

59.0129, 64.4783, 49.8927

Protanomaly

60.1477, 64.7046, 49.3635

Deuteranomaly

63.1865, 64.4330, 50.1808

Tritanomaly

62.4888, 64.4250, 66.8994

Monochromacy



Original Color

59.0129, 64.4783, 49.8927

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.3426, 63.2881, 61.3127

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0129, 64.4783, 49.8927 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(214, 212, 175) looks like.

```
.text, #text, p{  
    color:rgb(214, 212, 175)  
}
```

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(214, 212, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 212, 175) }
```

Border

The CSS property to change the border of an element to XYZ 59.0129, 64.4783, 49.8927 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(214, 212, 175) }
```


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

```
.border{ border-color:rgb(214, 212, 175) }
```

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

Here you see how a box with a 4 pixel rgb(214, 212, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 212, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 212, 175);  
box-shadow:4px 4px 4px 4px rgb(214, 212,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0129, 64.4783, 49.8927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 212, 175) }
```

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

```
.background{ background-color: rgb(214,  
212, 175) }
```

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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