

Converting Colors

XYZ(59.5248, 64.8195, 46.4199)

Have a look what the booklet for
XYZ(59.5248, 64.8195, 46.4199)
contains.

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Color

**XYZ(59.5248, 64.8195,
46.4199)**

Conversions

Conversions Part 1

Format	Color
Hex	DAD4A8
RGB	218, 212, 168
RGB Percent	85%, 83%, 66%
CMY	0.1451, 0.1686, 0.3412
CMYK	0.00, 0.03, 0.23, 0.15
HSL	53°, 40%, 76%
HSV	53°, 23%, 85%
XYZ	59.5248, 64.8195, 46.4199
YIQ	208.7780, 17.7000, -12.4120

Conversions

Conversions Part 2

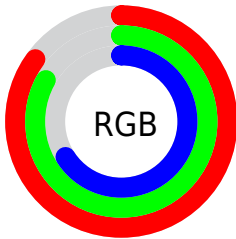
Format	Color
RYB	175, 218, 168
Decimal	14341288
CIELab	84.39, -4.94, 22.56
CIELCh	84, 23.095, 102.340
Yxy	64.8195, 0.3486, 0.3796
Android (android.graphics.Color)	4292531368 (0xFFDAD4A8)
YUV	208.7780, -20.1036, 8.0877
Hunter-Lab	80.5106, -8.9210, 22.1726

Details

The XYZ color **59.5248, 64.8195, 46.4199** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.9393, 43.6579, 72.4410**, and the grayscale version is **60.5798, 63.7347, 69.4071**.

A 20% lighter version of the original color is **90.3193, 98.1077, 83.9884**, and **30.4835, 33.5012, 21.3827** is the 20% darker color. If you saturate the color by 10%, you get **57.0143, 62.7804, 36.3893**, and if you desaturate by 10%, it is **62.3898, 67.0218, 58.2499**.

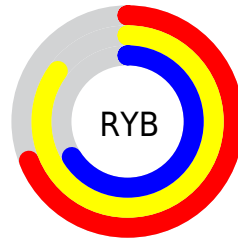
Distribution



Red (85%)

Green (83%)

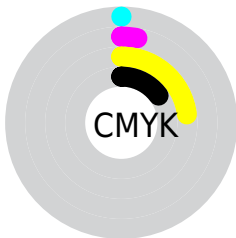
Blue (66%)



Red (69%)

Yellow (85%)

Blue (66%)

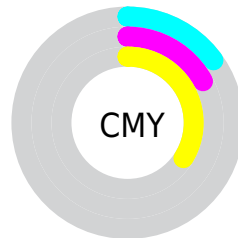


Cyan (0%)

Magenta (3%)

Yellow (23%)

Black (15%)



Cyan (15%)

Magenta (17%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5248, 64.8195, 46.4199 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 59.5248, 64.8195, 46.4199 by changing the saturation by 10% instead.

■ 59.5248, 64.8195,
46.4199

■ 59.5248, 64.8195,
46.4199

412.7068,
442.1430, 388.8207

■ 43.2837, 47.3147,
32.2262

■ 103.2503,
111.7903, 86.1880

■ 30.3033, 33.2845,
21.2681

■ 131.4654,
142.0252, 112.5994

■ 20.2181, 22.3445,
13.1270

164.4026,
177.2721, 143.9206

■ 12.6629, 14.1103,
7.3843

202.4272,
217.9157, 180.5700

■ 7.2722, 8.1974,
3.6215

245.9046,
264.3401, 222.9662

■ 3.6808, 4.2215,
1.4201

295.2001,

■ 1.5232, 1.7982,

316.9299, 271.5277

0.1573

350.6790,
376.0694, 326.6730

■ 0.3415, 0.4861,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.5248, 64.8195,
46.4199

■ 59.5248, 64.8195,
46.4199

■ 57.0143, 62.7804,
36.3893

■ 62.3898, 67.0218,
58.2499

■ 54.8361, 60.8888,
28.0648

■ 65.6201, 69.3850,
71.9585

■ 52.9736, 59.1403,
21.3506

■ 69.2322, 71.9179,
87.6248

■ 51.4064, 57.5266,
16.1400

■ 73.2075, 74.6134,
105.1511

■ 50.1117, 56.0386,
12.3132

■ 73.9091, 76.0166,
105.3850

■ 49.0633, 54.6655,
9.7325

■ 74.6215, 77.4414,
105.6224

■ 48.2295, 53.3948,
8.2313

■ 75.3448, 78.8879,
105.8635

■ 47.7327, 52.5438,
7.6262

■ 76.0790, 80.3563,
106.1083

■ 76.8242, 81.8466,
106.3567

Harmonies

Analogous

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



64.6503, 64.8195, 46.9351



59.5248, 64.8195, 46.4199



55.2009, 64.8195, 51.6869

Triad

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



59.5248, 64.8195, 46.4199



54.6014, 64.8195, 91.3666



71.4948, 64.8195, 79.4996

Complementary

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



59.5248, 64.8195, 46.4199



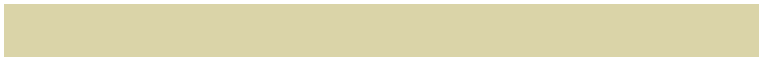
43.9393, 43.6579, 72.4410

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.



68.4947, 64.8195, 93.5870



59.5248, 64.8195, 46.4199



58.6646, 64.8195, 101.0650

Square

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



59.5248, 64.8195, 46.4199



52.4661, 64.8195, 76.7888



63.7413, 64.8195, 101.9297



71.7568, 64.8195, 64.7104

Rectangle

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



59.5248, 64.8195, 46.4199



53.2783, 64.8195, 58.2580



63.7413, 64.8195, 101.9297



70.7657, 64.8195, 84.5215

Sweetspot

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



59.5265, 64.8224, 46.4213



91.6290, 97.5452, 94.2345



50.6219, 45.9936, 46.5964



19.5519, 20.8346, 19.9132



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.



59.5265, 64.8224, 46.4213



82.9392, 90.8827, 58.2986



55.8703, 65.2039, 46.6876



14.0220, 14.9834, 13.8786



28.6494, 31.5844, 4.5864



1.8944, 2.1230, 0.3099

Inverse Universe

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



43.9393, 43.6579, 72.4410



56.6065, 55.1311, 102.2656



46.9890, 43.5490, 72.2592



12.4638, 12.8674, 16.4789



7.8460, 3.5613, 40.0123



0.5509, 0.3159, 2.6064

Previews

White Background



This preview shows how the XYZ color 59.5248, 64.8195, 46.4199 looks on a white background.

Color Contrast Check

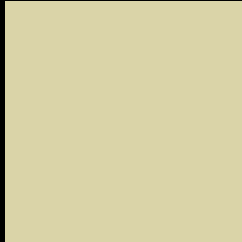
Large Text (above 18pt) WCAG AA × Fail

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 59.5248, 64.8195, 46.4199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

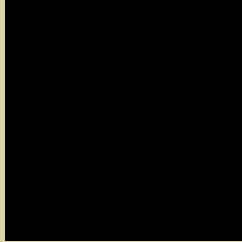
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

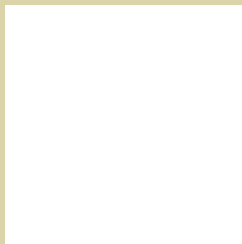
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.5248, 64.8195, 46.4199

Background



This preview shows how black text looks on a background with the XYZ color 59.5248, 64.8195, 46.4199.



This preview shows how white text looks on a background with the XYZ color 59.5248, 64.8195,

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

59.5248, 64.8195, 46.4199

Protanopia

60.7621, 64.7305, 45.8509

Deuteranopia

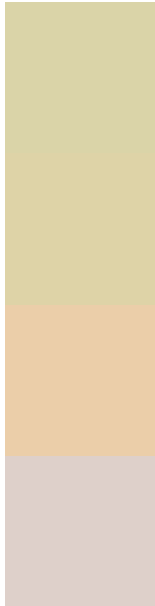
66.0324, 64.5558, 47.0104



Tritanopia

65.9338, 64.8907, 77.4567

Trichromacy



Original Color

59.5248, 64.8195, 46.4199

Protanomaly

60.3935, 64.9081, 45.9047

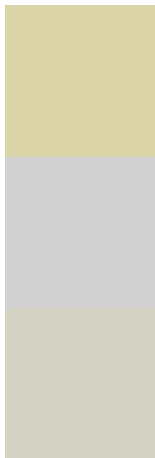
Deuteranomaly

63.4937, 64.6694, 46.6721

Tritanomaly

63.3407, 64.9056, 65.0667

Monochromacy



Original Color

59.5248, 64.8195, 46.4199

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.9356, 63.9853, 60.2304

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5248, 64.8195, 46.4199 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(218, 212, 168)` looks like.

```
.text, #text, p{  
    color:rgb(218, 212, 168)  
}
```

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(218, 212, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 212, 168) }
```

Border

The CSS property to change the border of an element to XYZ 59.5248, 64.8195, 46.4199 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(218, 212, 168) }
```


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

```
.border{ border-color:rgb(218, 212, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 212, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 212, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 212, 168);  
box-shadow:4px 4px 4px 4px rgb(218, 212,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5248, 64.8195, 46.4199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 212, 168) }
```

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

```
.background{ background-color: rgb(218,  
212, 168) }
```

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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