

Converting Colors

XYZ(58.9299, 63.1402, 49.0817)

Have a look what the booklet for
XYZ(58.9299, 63.1402, 49.0817)
contains.

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Color

**XYZ(58.8111, 62.9195,
49.0894)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D0AE
RGB	217, 208, 174
RGB Percent	85%, 82%, 68%
CMY	0.1490, 0.1843, 0.3176
CMYK	0.00, 0.04, 0.20, 0.15
HSL	47°, 36%, 77%
HSV	47°, 20%, 85%
XYZ	58.8111, 62.9195, 49.0894
YIQ	206.8150, 16.2780, -8.6660

Conversions

Conversions Part 2

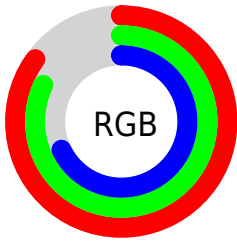
Format	Color
RYB	185, 217, 174
Decimal	14274734
CIELab	83.40, -2.38, 18.02
CIELCh	83, 18.178, 97.530
Yxy	62.9195, 0.3443, 0.3683
Android (android.graphics.Color)	4292464814 (0xFFD9D0AE)
YUV	206.8150, -16.1778, 8.9322
Hunter-Lab	79.3218, -6.4690, 18.8328

Details

The XYZ color **58.8111, 62.9195, 49.0894** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.9131, 47.8742, 72.4139**, and the grayscale version is **59.2840, 62.3714, 67.9224**.

A 20% lighter version of the original color is **91.2829, 98.4932, 89.0629**, and **29.9071, 32.1731, 22.7229** is the 20% darker color. If you saturate the color by 10%, you get **55.7738, 59.9611, 38.4695**, and if you desaturate by 10%, it is **62.2252, 66.0836, 61.5225**.

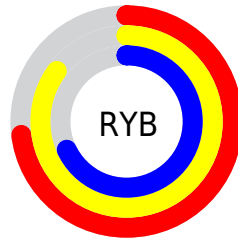
Distribution



Red (85%)

Green (82%)

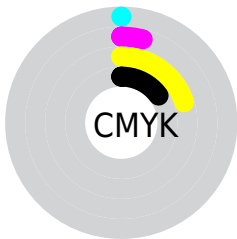
Blue (68%)



Red (73%)

Yellow (85%)

Blue (68%)

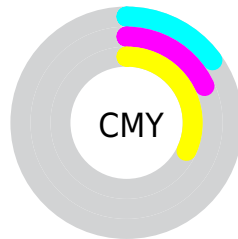


Cyan (0%)

Magenta (4%)

Yellow (20%)

Black (15%)



Cyan (15%)

Magenta (18%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.8111, 62.9195, 49.0894 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 58.8111, 62.9195, 49.0894 by changing the saturation by 10% instead.

■ 58.8111, 62.9195,
49.0894

■ 58.8111, 62.9195,
49.0894

410.1068,
435.2773, 399.7267

■ 42.7069, 45.7761,
34.3243

■ 102.2193,
109.0534, 90.2066

■ 29.8487, 32.0692,
22.8635

130.2539,
138.8126, 117.3957

■ 19.8713, 21.4143,
14.2884

162.9960,
173.5459, 149.5633

■ 12.4092, 13.4272,
8.1805

200.8111,
213.6377, 187.1279

■ 7.0972, 7.7234,
4.1212

244.0643,
259.4723, 230.5080

■ 3.5698, 3.9185,
1.6921

293.1211,

■ 1.4618, 1.6281,

311.4342, 280.1221

0.3553

348.3468,
369.9077, 336.3889

■ 0.2996, 0.3764,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.8111, 62.9195,
49.0894

■ 58.8111, 62.9195,
49.0894

■ 55.7738, 59.9611,
38.4695

■ 62.2252, 66.0836,
61.5225

■ 53.0918, 57.1929,
29.5725

■ 66.0267, 69.4516,
75.8455

■ 50.7485, 54.6101,
22.3063

■ 70.2318, 73.0326,
92.1353

■ 48.7245, 52.2044,
16.5685

■ 73.9061, 76.4532,
105.4694

■ 46.9977, 49.9665,
12.2450

■ 75.1581, 78.9571,
105.8867

■ 45.5433, 47.8862,
9.2059

■ 76.4430, 81.5270,
106.3150

■ 44.3317, 45.9511,
7.2971

■ 77.7611, 84.1631,
106.7544

■ 43.3113, 44.1401,
6.2487

■ 79.1126, 86.8662,
107.2049

■ 43.2932, 44.1073,
6.2318

■ 80.4977, 89.6365,
107.6666

Harmonies

Analogous

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



62.7598, 62.9195, 50.2735



58.8111, 62.9195, 49.0894



55.2848, 62.9195, 52.6338

Triad

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



58.8111, 62.9195, 49.0894



53.9674, 62.9195, 82.6655



67.1166, 62.9195, 77.1830

Complementary

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



58.8111, 62.9195, 49.0894



46.9131, 47.8742, 72.4139

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.



64.5611, 62.9195, 87.2920



58.8111, 62.9195, 49.0894



56.9407, 62.9195, 90.6929

Square

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



58.8111, 62.9195, 49.0894



52.5697, 62.9195, 71.4054



60.8062, 62.9195, 92.4732



67.6713, 62.9195, 65.6913

Rectangle

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



58.8111, 62.9195, 49.0894



53.6082, 62.9195, 57.4589



60.8062, 62.9195, 92.4732



66.4578, 62.9195, 80.8913

Sweetspot

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



58.8128, 62.9223, 49.0907



91.6711, 97.0284, 96.1014



52.3322, 48.4567, 51.5684



19.5454, 20.7003, 20.2846



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.



58.8128, 62.9223, 49.0907



82.7662, 88.7681, 63.6930



57.5796, 65.6351, 49.6794



13.9190, 14.7773, 13.8443



26.2859, 26.8574, 3.7986



1.7622, 1.8584, 0.2658

Inverse Universe

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



46.9131, 47.8742, 72.4139



62.4634, 63.0960, 103.4943



47.9554, 45.7448, 71.9480



12.5583, 13.0564, 16.5104



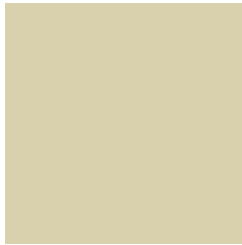
8.2208, 4.3110, 40.1372



0.5954, 0.4049, 2.6212

Previews

White Background



This preview shows how the XYZ color 58.8111, 62.9195, 49.0894 looks on a white background.

Color Contrast Check

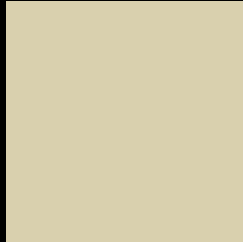
Large Text (above 18pt) WCAG AA × Fail

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 58.8111, 62.9195, 49.0894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

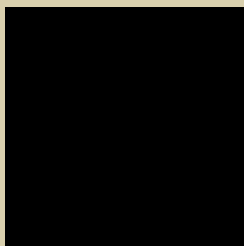
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

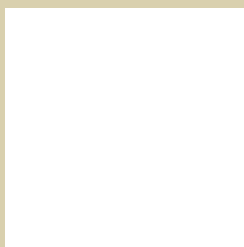
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.8111, 62.9195, 49.0894

Background



This preview shows how black text looks on a background with the XYZ color 58.8111, 62.9195, 49.0894.



This preview shows how white text looks on a background with the XYZ color 58.8111, 62.9195,

49.0894.

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

58.8111, 62.9195, 49.0894

Protanopia

59.1662, 62.7417, 49.0364

Deuteranopia

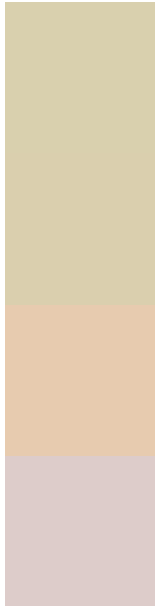
64.0874, 62.7939, 49.8170



Tritanopia

64.2068, 62.9910, 75.1041

Trichromacy



Original Color

58.8111, 62.9195, 49.0894

Protanomaly

58.8662, 62.5871, 49.0223

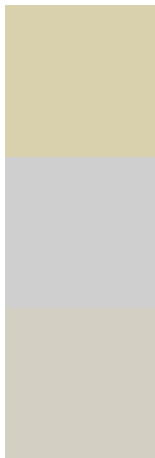
Deuteranomaly

62.0488, 62.7959, 49.4079

Tritanomaly

62.0723, 62.8222, 64.7314

Monochromacy



Original Color

58.8111, 62.9195, 49.0894

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.0271, 62.4147, 60.5659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8111, 62.9195, 49.0894 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(217, 208, 174)` looks like.

```
.text, #text, p{  
    color:rgb(217, 208, 174)  
}
```

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(217, 208, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 208, 174) }
```

Border

The CSS property to change the border of an element to XYZ 58.8111, 62.9195, 49.0894 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(217, 208, 174) }
```


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

```
.border{ border-color:rgb(217, 208, 174) }
```

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

Here you see how a box with a 4 pixel rgb(217, 208, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 208, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 208, 174);  
box-shadow:4px 4px 4px 4px rgb(217, 208,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8111, 62.9195, 49.0894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 208, 174) }
```

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

```
.background{ background-color: rgb(217,  
208, 174) }
```

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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