

Converting Colors

XYZ(59.9323, 62.7628, 49.5164)

Have a look what the booklet for
XYZ(59.9323, 62.7628, 49.5164)
contains.

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Color

**XYZ(59.9334, 62.7674,
49.5139)**

Conversions

Conversions Part 1

Format	Color
Hex	DECEAF
RGB	222, 206, 175
RGB Percent	87%, 81%, 69%
CMY	0.1294, 0.1921, 0.3137
CMYK	0.00, 0.07, 0.21, 0.13
HSL	40°, 42%, 78%
HSV	40°, 21%, 87%
XYZ	59.9334, 62.7674, 49.5139
YIQ	207.2500, 19.4870, -6.2490

Conversions

Conversions Part 2

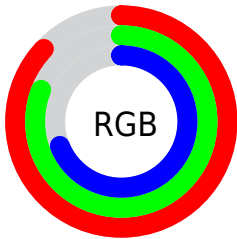
Format	Color
R _Y B	199, 222, 175
Decimal	14601903
CIE Lab	83.32, 0.66, 17.44
CIE LCh	83, 17.455, 87.845
Yxy	62.7674, 0.3480, 0.3645
Android (android.graphics.Color)	4292791983 (0xFFDECEAF)
YUV	207.2500, -15.8993, 12.9358
Hunter-Lab	79.2259, -3.6122, 18.4036

Details

The XYZ color **59.9334, 62.7674, 49.5139** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.4945, 51.6482, 76.4681**, and the grayscale version is **59.5613, 62.6631, 68.2401**.

A 20% lighter version of the original color is **91.4238, 98.5495, 89.8047**, and **30.4670, 31.9686, 22.9771** is the 20% darker color. If you saturate the color by 10%, you get **56.1550, 58.4174, 38.3671**, and if you desaturate by 10%, it is **64.1611, 67.4413, 62.5804**.

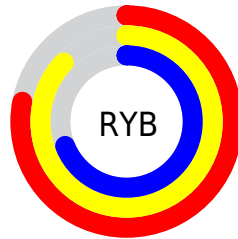
Distribution



Red (87%)

Green (81%)

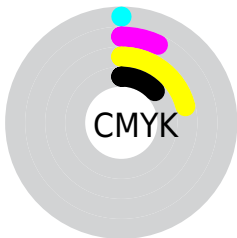
Blue (69%)



Red (78%)

Yellow (87%)

Blue (69%)

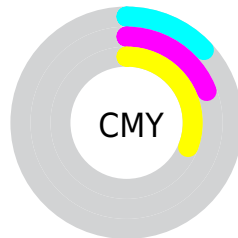


Cyan (0%)

Magenta (7%)

Yellow (21%)

Black (13%)



Cyan (13%)

Magenta (19%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9334, 62.7674, 49.5139 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 59.9334, 62.7674, 49.5139 by changing the saturation by 10% instead.

■ 59.9334, 62.7674,
49.5139

■ 59.9334, 62.7674,
49.5139

414.1909,
434.7248, 401.4424

■ 43.6142, 45.6531,
34.6588

■ 103.8399,
108.8339, 90.8431

■ 30.5639, 31.9721,
23.1187

132.1580,
138.5548, 118.1543

■ 20.4172, 21.3402,
14.4751

165.2064,
173.2467, 150.4547

■ 12.8087, 13.3729,
8.3093

203.3505,
213.2940, 188.1627

■ 7.3730, 7.6858,
4.2029

246.9556,
259.0811, 231.6970

■ 3.7449, 3.8946,
1.7373

296.3872,

■ 1.5588, 1.6148,

310.9923, 281.4760

0.3861

352.0105,
369.4121, 337.9183

■ 0.3653, 0.3675,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.9334, 62.7674,
49.5139

■ 59.9334, 62.7674,
49.5139

■ 56.1550, 58.4174,
38.3671

■ 64.1611, 67.4413,
62.5804

■ 52.8021, 54.3735,
29.0436

■ 68.8506, 72.4396,
77.6489

■ 49.8563, 50.6283,
21.4442

■ 74.0201, 77.7735,
94.8017

■ 47.2954, 47.1711,
15.4589

■ 78.2351, 82.8712,
106.4800

■ 45.0948, 43.9899,
10.9648

■ 80.4595, 87.3199,
107.2215

■ 43.2267, 41.0714,
7.8212

■ 82.7770, 91.9549,
107.9940

■ 41.6578, 38.4002,
5.8597

■ 83.9344, 94.2697,
108.3798

■ 40.4725, 36.2259,
4.8592

Harmonies

Analogous

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



63.6272, 62.7674, 52.1328



59.9334, 62.7674, 49.5139



56.3146, 62.7674, 51.4793

Triad

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



59.9334, 62.7674, 49.5139



53.4360, 62.7674, 78.5765



66.0522, 62.7674, 80.0801

Complementary

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



59.9334, 62.7674, 49.5139



49.4945, 51.6482, 76.4681

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.



63.1322, 62.7674, 88.5378



59.9334, 62.7674, 49.5139



55.8584, 62.7674, 87.6070

Square

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



59.9334, 62.7674, 49.5139



52.6595, 62.7674, 67.5600



59.3845, 62.7674, 91.4267



67.2518, 62.7674, 69.1320

Rectangle

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



59.9334, 62.7674, 49.5139



54.4107, 62.7674, 55.2545



59.3845, 62.7674, 91.4267



65.2334, 62.7674, 83.3506

Sweetspot

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



59.9351, 62.7702, 49.5152



91.0450, 95.7761, 95.8927



54.9084, 49.9718, 56.3025



19.3971, 20.4038, 20.2352



0.0000, 0.0000, 0.0000



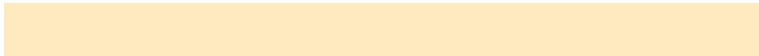
20.3446, 21.4041, 23.3091

Same Dimension

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



59.9351, 62.7702, 49.5152



79.8966, 83.4828, 61.3374



61.8693, 69.7777, 50.7659



14.4584, 15.2029, 14.4792



24.1466, 21.7311, 2.9219



1.7557, 1.6703, 0.2299

Inverse Universe

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



49.4945, 51.6482, 76.4681



63.3794, 65.8900, 103.9853



47.8187, 45.8859, 75.4442



13.3314, 14.0020, 17.3877



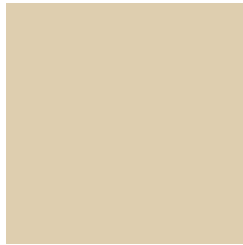
9.4411, 6.3518, 41.7768



0.7355, 0.6024, 2.9227

Previews

White Background



This preview shows how the XYZ color 59.9334, 62.7674, 49.5139 looks on a white background.

Color Contrast Check

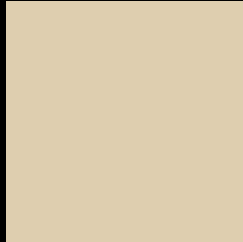
Large Text (above 18pt) WCAG AA × Fail

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 59.9334, 62.7674, 49.5139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

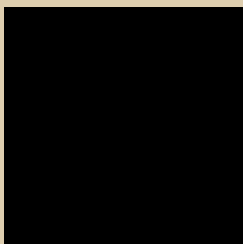
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

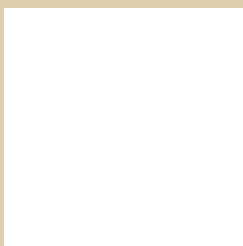
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.9334, 62.7674, 49.5139

Background



This preview shows how black text looks on a background with the XYZ color 59.9334, 62.7674, 49.5139.



This preview shows how white text looks on a background with the XYZ color 59.9334, 62.7674,

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

59.9334, 62.7674, 49.5139

Protanopia

59.3627, 62.8203, 50.0711

Deuteranopia

64.0874, 62.7939, 49.8170



Tritanopia

64.7275, 62.5973, 73.6367

Trichromacy



Original Color

59.9334, 62.7674, 49.5139

Protanomaly

59.6645, 62.9759, 50.0852

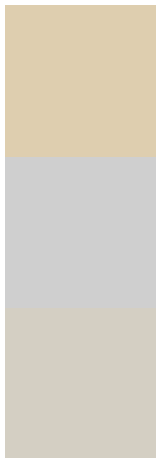
Deuteranomaly

62.5613, 62.6993, 49.8791

Tritanomaly

62.7145, 62.4657, 64.0100

Monochromacy



Original Color

59.9334, 62.7674, 49.5139

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.3145, 62.5628, 60.5794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9334, 62.7674, 49.5139 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(222, 206, 175)` looks like.

```
.text, #text, p{  
    color:rgb(222, 206, 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(222, 206, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 206, 175) }
```

Border

The CSS property to change the border of an element to XYZ 59.9334, 62.7674, 49.5139 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(222, 206, 175) }
```


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

```
.border{ border-color:rgb(222, 206, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 206, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 206, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 206, 175); box-shadow:4px 4px 4px 4px rgb(222, 206, 175) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9334, 62.7674, 49.5139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 206, 175) }
```

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

```
.background{ background-color: rgb(222,  
206, 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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