

Converting Colors

XYZ(58.5664, 61.8366, 43.4992)

Have a look what the booklet for
XYZ(58.5664, 61.8366, 43.4992)
contains.

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Color

**XYZ(58.5664, 61.8366,
43.4992)**

Conversions

Conversions Part 1

Format	Color
Hex	DECDA3
RGB	222, 205, 163
RGB Percent	87%, 80%, 64%
CMY	0.1294, 0.1961, 0.3608
CMYK	0.00, 0.08, 0.27, 0.13
HSL	43°, 47%, 75%
HSV	43°, 27%, 87%
XYZ	58.5664, 61.8366, 43.4992
YIQ	205.2950, 23.6140, -9.4580

Conversions

Conversions Part 2

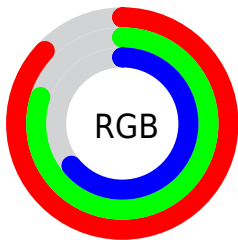
Format	Color
RYB	187, 222, 163
Decimal	14601635
CIELab	82.83, -0.50, 23.09
CIELCh	83, 23.096, 91.245
Yxy	61.8366, 0.3573, 0.3773
Android (android.graphics.Color)	4292791715 (0xFFDECD A3)
YUV	205.2950, -20.8514, 14.6503
Hunter-Lab	78.6363, -4.6709, 22.2479

Details

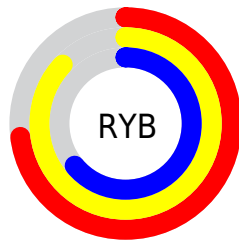
The XYZ color **58.5664, 61.8366, 43.4992** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.6100, 45.7018, 75.5776**, and the grayscale version is **58.3356, 61.3736, 66.8358**.

A 20% lighter version of the original color is **89.6549, 97.8420, 80.4897**, and **29.6617, 31.3879, 19.5341** is the 20% darker color. If you saturate the color by 10%, you get **55.2513, 58.1148, 33.4273**, and if you desaturate by 10%, it is **62.2965, 65.8287, 55.4336**.

Distribution



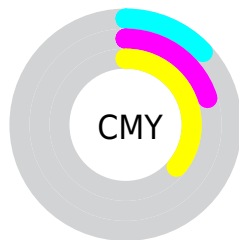
- Red (87%)
- Green (80%)
- Blue (64%)



- Red (73%)
- Yellow (87%)
- Blue (64%)



- Cyan (0%)
- Magenta (8%)
- Yellow (27%)
- Black (13%)



- Cyan (13%)
- Magenta (20%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5664, 61.8366, 43.4992 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 58.5664, 61.8366, 43.4992 by changing the saturation by 10% instead.

■ 58.5664, 61.8366,
43.4992

■ 58.5664, 61.8366,
43.4992

409.2131,
431.3348, 376.6421

■ 42.5092, 44.9007,
29.9427

■ 101.8654,
107.4893, 81.7581

■ 29.6931, 31.3792,
19.5434

■ 129.8380,
136.9749, 107.2975

■ 19.7526, 20.8878,
11.8828

162.5130,
171.4126, 137.6683

■ 12.3226, 13.0420,
6.5424

200.2559,
211.1866, 173.2890

■ 7.0375, 7.4575,
3.1035

243.4320,
256.6815, 214.5782

■ 3.5321, 3.7498,
1.1477

292.4067,

■ 1.4410, 1.5346,

308.2815, 261.9545

0.0000

347.5452,
366.3712, 315.8362

■ 0.2852, 0.3129,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.5664, 61.8366,
43.4992

■ 58.5664, 61.8366,
43.4992

■ 55.2513, 58.1148,
33.4273

■ 62.2965, 65.8287,
55.4336

■ 52.3273, 54.6462,
25.1174

■ 66.4543, 70.0910,
69.3158

■ 49.7755, 51.4241,
18.4659

■ 71.0581, 74.6340,
85.2308

■ 47.5729, 48.4382,
13.3564

■ 76.1235, 79.4651,
103.2571

45.6938, 45.6769,
9.6572

78.4526, 83.3062,
106.5526

44.1084, 43.1269,
7.2146

80.3371, 87.0752,
107.1807

42.7788, 40.7719,
5.8334

82.2882, 90.9775,
107.8311

42.3601, 40.0013,
5.4884

83.9343, 94.2697,
108.3798

Harmonies

Analogous

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



63.4937, 61.8366, 46.0665



58.5664, 61.8366, 43.4992



53.9534, 61.8366, 46.5298

Triad

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



58.5664, 61.8366, 43.4992



50.9736, 61.8366, 82.5525



67.5594, 61.8366, 81.3780

Complementary

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



58.5664, 61.8366, 43.4992



44.6100, 45.7018, 75.5776

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.



63.8732, 61.8366, 93.5544



58.5664, 61.8366, 43.4992



54.2938, 61.8366, 94.2970

Square

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



58.5664, 61.8366, 43.4992



49.7250, 61.8366, 67.9261



58.9818, 61.8366, 98.5784



68.8588, 61.8366, 66.7365

Rectangle

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



58.5664, 61.8366, 43.4992



51.6296, 61.8366, 51.6038



58.9818, 61.8366, 98.5784



66.5485, 61.8366, 85.9637

Sweetspot

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



58.5680, 61.8394, 43.5005



90.0916, 95.0629, 91.8953



51.5317, 45.0486, 49.5348



19.0932, 20.1546, 19.0282



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.



58.5680, 61.8394, 43.5005



77.5362, 81.7219, 51.4257



59.3679, 68.6183, 44.7668



14.5208, 15.3275, 14.5000



25.2607, 23.9592, 3.2932



1.8265, 1.8119, 0.2535

Inverse Universe

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



44.6100, 45.7018, 75.5776



55.3169, 56.0393, 102.5089



43.9170, 40.5600, 74.6217



13.2720, 13.8832, 17.3679



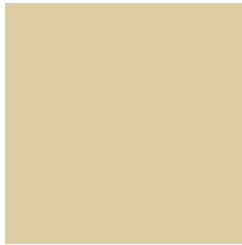
9.0015, 5.4727, 41.6303



0.6993, 0.5300, 2.9107

Previews

White Background



This preview shows how the XYZ color 58.5664, 61.8366, 43.4992 looks on a white background.

Color Contrast Check

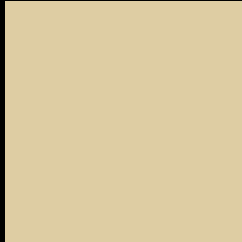
Large Text (above 18pt) WCAG AA × Fail

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 58.5664, 61.8366, 43.4992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

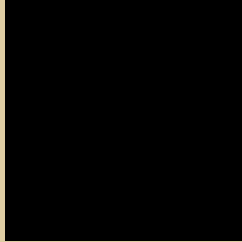
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.5664, 61.8366, 43.4992

Background



This preview shows how black text looks on a background with the XYZ color 58.5664, 61.8366, 43.4992.



This preview shows how white text looks on a background with the XYZ color 58.5664, 61.8366,

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

58.5664, 61.8366, 43.4992

Protanopia

57.8956, 61.8470, 43.5366

Deuteranopia

62.8301, 61.5938, 43.6992



Tritanopia

64.3266, 61.7372, 72.1444

Trichromacy



Original Color

58.5664, 61.8366, 43.4992

Protanomaly

58.1974, 62.0026, 43.5507

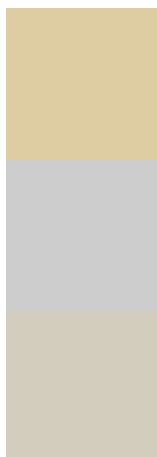
Deuteranomaly

61.1918, 61.7773, 43.8210

Tritanomaly

62.1010, 61.8822, 60.3011

Monochromacy



Original Color

58.5664, 61.8366, 43.4992

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.9896, 61.2292, 57.4772

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5664, 61.8366, 43.4992 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, 205, 163)` looks like.

```
.text, #text, p{  
    color:rgb(222, 205, 163)  
}
```

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, 205, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 205, 163) }
```

Border

The CSS property to change the border of an element to XYZ 58.5664, 61.8366, 43.4992 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, 205, 163) }
```


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

```
.border{ border-color:rgb(222, 205, 163) }
```

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

Here you see how a box with a 4 pixel rgb(222, 205, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 205, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 205, 163);  
box-shadow:4px 4px 4px 4px rgb(222, 205,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5664, 61.8366, 43.4992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 205, 163) }
```

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

```
.background{ background-color: rgb(222,  
205, 163) }
```

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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