

Converting Colors

XYZ(59.7126, 63.9549, 45.9034)

Have a look what the booklet for
XYZ(59.7126, 63.9549, 45.9034)
contains.

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Color

**XYZ(59.5943, 63.7631,
45.7258)**

Conversions

Conversions Part 1

Format	Color
Hex	DDD1A7
RGB	221, 209, 167
RGB Percent	87%, 82%, 65%
CMY	0.1333, 0.1804, 0.3451
CMYK	0.00, 0.05, 0.24, 0.13
HSL	47°, 44%, 76%
HSV	47°, 24%, 87%
XYZ	59.5943, 63.7631, 45.7258
YIQ	207.8000, 20.6340, -10.5180

Conversions

Conversions Part 2

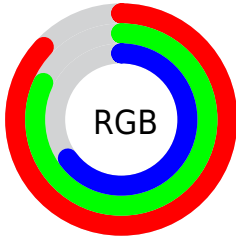
Format	Color
R _{YB}	182, 221, 167
Decimal	14537127
CIE _{Lab}	83.84, -2.41, 22.37
CIE _{LCh}	84, 22.499, 96.138
Y _{xy}	63.7631, 0.3525, 0.3771
Android (android.graphics.Color)	4292727207 (0xFFDDD1A7)
Y _{UV}	207.8000, -20.1144, 11.5764
Hunter-Lab	79.8518, -6.5241, 21.9448

Details

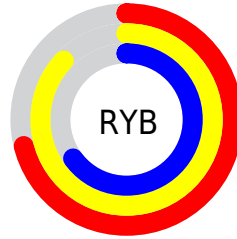
The XYZ color **59.5943, 63.7631, 45.7258** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.1074, 45.6750, 74.8456**, and the grayscale version is **59.9428, 63.0645, 68.6773**.

A 20% lighter version of the original color is **90.1848, 98.0539, 83.2803**, and **30.3329, 32.6798, 20.9288** is the 20% darker color. If you saturate the color by 10%, you get **56.5380, 60.6451, 35.4742**, and if you desaturate by 10%, it is **63.0403, 67.1007, 57.8313**.

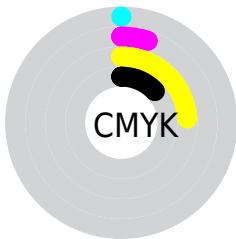
Distribution



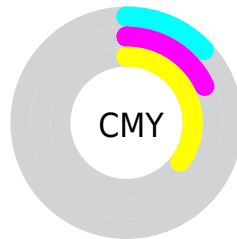
- Red (87%)
- Green (82%)
- Blue (65%)



- Red (71%)
- Yellow (87%)
- Blue (65%)



- Cyan (0%)
- Magenta (5%)
- Yellow (24%)
- Black (13%)



- Cyan (13%)
- Magenta (18%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5943, 63.7631, 45.7258 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 59.5943, 63.7631, 45.7258 by changing the saturation by 10% instead.

■ 59.5943, 63.7631,
45.7258

■ 59.5943, 63.7631,
45.7258

412.9595,
438.3337, 385.9507

■ 43.3399, 46.4588,
31.6824

■ 103.3506,
110.2697, 85.1384

■ 30.3476, 32.6080,
20.8562

■ 131.5833,
140.2408, 111.3448

■ 20.2520, 21.8264,
12.8287

164.5394,
175.2030, 142.4425

■ 12.6876, 13.7294,
7.1814

202.5843,
215.5406, 178.8501

■ 7.2893, 7.9327,
3.4956

246.0835,
261.6381, 220.9862

■ 3.6916, 4.0519,
1.3529

295.4021,

■ 1.5292, 1.7026,

313.8798, 269.2693

0.1046

350.9057,
372.6502, 324.1179

■ 0.3456, 0.4254,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.5943, 63.7631,
45.7258

■ 59.5943, 63.7631,
45.7258

■ 56.5380, 60.6451,
35.4742

■ 63.0403, 67.1007,
57.8313

■ 53.8482, 57.7304,
26.9789

■ 66.8877, 70.6566,
71.8736

■ 51.5071, 55.0135,
20.1394

■ 71.1540, 74.4405,
87.9354

■ 49.4928, 52.4852,
14.8435

■ 75.7893, 78.4329,
105.7523

47.7813, 50.1351,
10.9647

77.1641, 81.1826,
106.2106

46.3442, 47.9515,
8.3569

78.5776, 84.0096,
106.6817

45.1475, 45.9202,
6.8415

80.0301, 86.9147,
107.1659

44.5542, 44.8427,
6.3073

81.5220, 89.8984,
107.6632

83.0534, 92.9613,
108.1737

Harmonies

Analogous

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



64.5321, 63.7631, 47.3889



59.5943, 63.7631, 45.7258



55.1704, 63.7631, 49.6813

Triad

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



59.5943, 63.7631, 45.7258



53.2480, 63.7631, 86.7501



69.7199, 63.7631, 81.0322

Complementary

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



59.5943, 63.7631, 45.7258



45.1074, 45.6750, 74.8456

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.



66.3850, 63.7631, 93.8142



59.5943, 63.7631, 45.7258



56.8404, 63.7631, 97.4168

Square

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



59.5943, 63.7631, 45.7258



51.6369, 63.7631, 72.3786



61.6269, 63.7631, 100.1631



70.5554, 63.7631, 66.5571

Rectangle

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



59.5943, 63.7631, 45.7258



53.0496, 63.7631, 55.3367



61.6269, 63.7631, 100.1631



68.8455, 63.7631, 85.7269

Sweetspot

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



59.5960, 63.7660, 45.7271



91.0561, 96.3994, 94.0435



51.8356, 46.2894, 49.1702



19.4189, 20.5686, 19.8689



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.



59.5960, 63.7660, 45.7271



80.3274, 86.0817, 56.1247



58.4525, 67.7111, 46.5489



13.9041, 14.7476, 13.8393



25.9698, 26.2251, 3.6932



1.7442, 1.8224, 0.2598

Inverse Universe

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



45.1074, 45.6750, 74.8456



57.1924, 57.1991, 102.6339



46.0206, 42.7310, 74.2292



12.5721, 13.0839, 16.5150



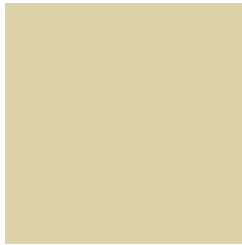
8.2914, 4.4522, 40.1608



0.6018, 0.4178, 2.6234

Previews

White Background



This preview shows how the XYZ color 59.5943, 63.7631, 45.7258 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 59.5943, 63.7631, 45.7258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

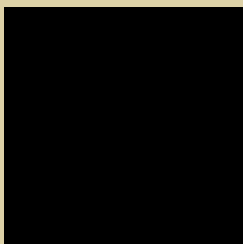
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

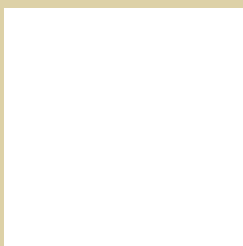
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.5943, 63.7631, 45.7258

Background



This preview shows how black text looks on a background with the XYZ color 59.5943, 63.7631, 45.7258.



This preview shows how white text looks on a background with the XYZ color 59.5943, 63.7631,

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

59.5943, 63.7631, 45.7258

Protanopia

59.8997, 63.9205, 45.7401

Deuteranopia

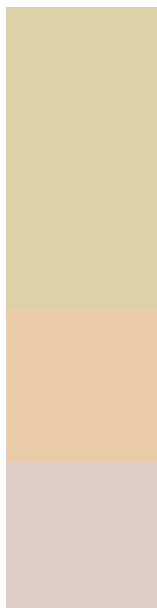
65.0102, 63.6925, 46.4036



Tritanopia

65.4540, 63.6339, 75.1624

Trichromacy



Original Color

59.5943, 63.7631, 45.7258

Protanomaly

59.8997, 63.9205, 45.7401

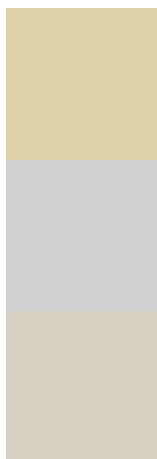
Deuteranomaly

62.9217, 63.6751, 46.0200

Tritanomaly

63.1915, 63.7937, 63.0157

Monochromacy



Original Color

59.5943, 63.7631, 45.7258

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.6221, 63.1081, 59.4907

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5943, 63.7631, 45.7258 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(221, 209, 167)` looks like.

```
.text, #text, p{  
    color:rgb(221, 209, 167)  
}
```

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(221, 209, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 209, 167) }
```

Border

The CSS property to change the border of an element to XYZ 59.5943, 63.7631, 45.7258 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(221, 209, 167) }
```


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

```
.border{ border-color:rgb(221, 209, 167) }
```

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

Here you see how a box with a 4 pixel rgb(221, 209, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 209, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 209, 167);  
box-shadow:4px 4px 4px 4px rgb(221, 209,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5943, 63.7631, 45.7258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 209, 167) }
```

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

```
.background{ background-color: rgb(221,  
209, 167) }
```

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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