

Converting Colors

XYZ(45.4749, 41.4668, 25.6995)

Have a look what the booklet for
XYZ(45.4749, 41.4668, 25.6995)
contains.

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Color

**XYZ(45.4423, 41.3886,
25.6724)**

Conversions

Conversions Part 1

Format	Color
Hex	DB9F7F
RGB	219, 159, 127
RGB Percent	86%, 62%, 50%
CMY	0.1412, 0.3764, 0.5020
CMYK	0.00, 0.27, 0.42, 0.14
HSL	21°, 56%, 68%
HSV	21°, 42%, 86%
XYZ	45.4423, 41.3886, 25.6724
YIQ	173.2920, 46.0320, 2.7680

Conversions

Conversions Part 2

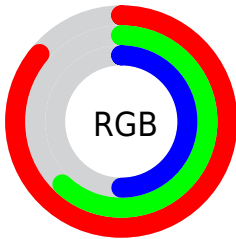
Format	Color
R _Y B	219, 176, 127
Decimal	14393215
CIE Lab	70.45, 18.35, 25.49
CIE LCh	70, 31.410, 54.247
Yxy	41.3886, 0.4039, 0.3679
Android (android.graphics.Color)	4292583295 (0xFFDB9F7F)
YUV	173.2920, -22.8220, 40.0859
Hunter-Lab	64.3340, 13.4990, 21.3742

Details

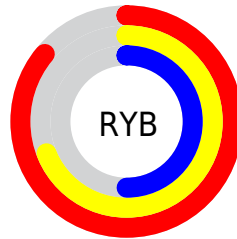
The XYZ color **45.4423, 41.3886, 25.6724** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **39.3082, 45.1654, 73.6638**, and the grayscale version is **39.9668, 42.0482, 45.7905**.

A 20% lighter version of the original color is **73.5248, 72.6484, 53.3274**, and **21.5331, 18.7468, 9.6913** is the 20% darker color. If you saturate the color by 10%, you get **41.8517, 36.2486, 18.1828**, and if you desaturate by 10%, it is **49.6290, 47.2242, 34.8920**.

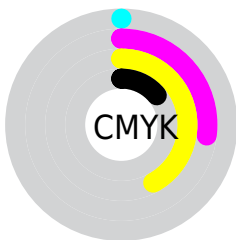
Distribution



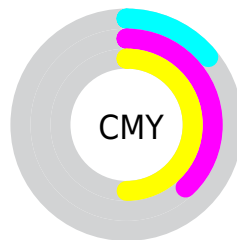
- Red (86%)
- Green (62%)
- Blue (50%)



- Red (86%)
- Yellow (69%)
- Blue (50%)



- Cyan (0%)
- Magenta (27%)
- Yellow (42%)
- Black (14%)





- Cyan (14%)
- Magenta (38%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.4423, 41.3886, 25.6724 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 45.4423, 41.3886, 25.6724 by changing the saturation by 10% instead.


 45.4423, 41.3886,
25.6724

 45.4423, 41.3886,
25.6724


359.3156,
351.9421, 294.7243


 32.0087, 28.6229,
16.3552


 82.6167, 77.2735,
53.7236

 21.5237, 18.7957,
9.6187

 107.0883,
101.1613, 73.2945

 13.6220, 11.5228,
5.0446


 135.9698,
129.5254, 97.1205

 7.9382, 6.4196,
2.2143

169.6268,
162.7500, 125.6201

 4.1069, 3.1019,
0.6826

208.4245,
201.2196, 159.2117

 1.7628, 1.1851,
0.0000

252.7283,

 0.4951, 0.0495,

245.3186, 198.3139

0.0000

302.9035,
295.4313, 243.3452

0.0000, 0.0000,
0.0000

45.4423, 41.3886,
25.6724

45.4423, 41.3886,
25.6724

41.8517, 36.2486,
18.1828

49.6290, 47.2242,
34.8920

38.8241, 31.7710,
12.3106

54.4363, 53.7751,
45.9394

36.3278, 27.9282,
7.9336

59.8911, 61.0677,
58.9082

34.3258, 24.6883,
4.9107

66.0175, 69.1250,
73.8847

32.7754, 22.0158,
3.0731

72.8386, 77.9691,
90.9499

■ 31.8106, 20.2545,
2.2329

■ 79.8234, 87.4002,
107.2705

■ 83.0234, 93.8001,
108.3372

Harmonies

Analogous

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



49.1243, 41.3886, 34.3481



45.4423, 41.3886, 25.6724



40.3443, 41.3886, 22.2461

Triad

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



45.4423, 41.3886, 25.6724



30.2474, 41.3886, 42.2691



43.5671, 41.3886, 76.3541

Complementary

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



45.4423, 41.3886, 25.6724



39.3082, 45.1654, 73.6638

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.



38.3498, 41.3886, 79.7719



45.4423, 41.3886, 25.6724



30.9473, 41.3886, 57.8074

Square

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



45.4423, 41.3886, 25.6724



31.8049, 41.3886, 30.3837



33.8075, 41.3886, 72.3666



47.9769, 41.3886, 63.8462

Rectangle

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



45.4423, 41.3886, 25.6724



36.9408, 41.3886, 22.7069



33.8075, 41.3886, 72.3666



41.8380, 41.3886, 78.7045

Sweetspot

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



45.4433, 41.3906, 25.6732



83.6519, 85.0203, 81.0035



45.9161, 33.8844, 51.8861



17.5257, 17.6932, 16.4289



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.



45.4433, 41.3906, 25.6732



59.8283, 52.2550, 27.1829



54.5580, 59.6199, 28.7114



13.4246, 13.7886, 13.6795



18.9549, 12.1955, 1.3549



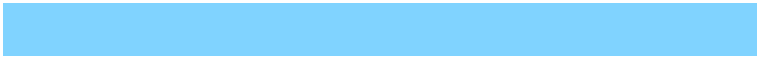
1.3070, 0.9481, 0.1141

Inverse Universe

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



39.3082, 45.1654, 73.6638



50.0834, 58.1832, 103.1985



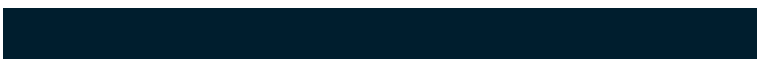
31.2616, 29.0723, 70.9816



13.0438, 14.0273, 16.6722



13.4954, 14.8603, 41.8954



0.9537, 1.1216, 2.7407

Previews

White Background



This preview shows how the XYZ color 45.4423, 41.3886, 25.6724 looks on a white background.

Color Contrast Check

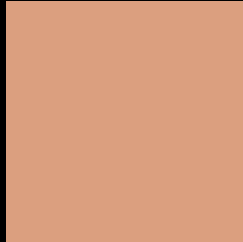
Large Text (above 18pt) WCAG AA × Fail

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 45.4423, 41.3886, 25.6724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

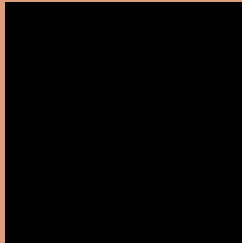
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.4423, 41.3886, 25.6724

Background



This preview shows how black text looks on a background with the XYZ color 45.4423, 41.3886, 25.6724.



This preview shows how white text looks on a background with the XYZ color 45.4423, 41.3886,

25.6724.

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

45.4423, 41.3886, 25.6724

Protanopia

38.7533, 41.3889, 28.1366

Deuteranopia

42.1229, 41.2540, 25.4814



Tritanopia

48.7786, 41.5158, 41.0397

Trichromacy



Original Color

45.4423, 41.3886, 25.6724

Protanomaly

40.9414, 41.1464, 27.2569

Deuteranomaly

43.1576, 41.2561, 25.4272

Tritanomaly

47.5986, 41.5409, 34.7876

Monochromacy



Original Color

45.4423, 41.3886, 25.6724

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

41.2386, 41.3527, 37.2609

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.4423, 41.3886, 25.6724 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(219, 159, 127)` looks like.

```
.text, #text, p{  
    color:rgb(219, 159, 127)  
}
```

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(219, 159, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 159, 127) }
```

Border

The CSS property to change the border of an element to XYZ 45.4423, 41.3886, 25.6724 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(219, 159, 127) }
```


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

```
.border{ border-color:rgb(219, 159, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 159, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 159, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 159, 127);  
box-shadow:4px 4px 4px 4px rgb(219, 159,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 45.4423, 41.3886, 25.6724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 159, 127) }
```

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

```
.background{ background-color: rgb(219,  
159, 127) }
```

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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