

Converting Colors

XYZ(45.7425, 40.4258, 30.5914)

Have a look what the booklet for
XYZ(45.7425, 40.4258, 30.5914)
contains.

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Color

**XYZ(45.7425, 40.4258,
30.5914)**

Conversions

Conversions Part 1

Format	Color
Hex	DB9B8D
RGB	219, 155, 141
RGB Percent	86%, 61%, 55%
CMY	0.1412, 0.3921, 0.4471
CMYK	0.00, 0.29, 0.36, 0.14
HSL	11°, 52%, 71%
HSV	11°, 36%, 86%
XYZ	45.7425, 40.4258, 30.5914
YIQ	172.5400, 42.6380, 9.2140

Conversions

Conversions Part 2

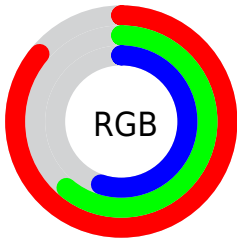
Format	Color
R _Y B	219, 158, 141
Decimal	14392205
CIE Lab	69.77, 22.12, 16.89
CIE LCh	70, 27.835, 37.361
Yxy	40.4258, 0.3918, 0.3462
Android (android.graphics.Color)	4292582285 (0xFFDB9B8D)
YUV	172.5400, -15.5492, 40.7454
Hunter-Lab	63.5813, 17.1516, 15.9802

Details

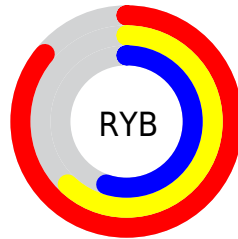
The XYZ color **45.7425, 40.4258, 30.5914** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.6013, 54.4381, 75.1221**, and the grayscale version is **39.5486, 41.6082, 45.3114**.

A 20% lighter version of the original color is **74.1369, 71.2933, 61.4833**, and **21.6389, 18.1372, 12.2579** is the 20% darker color. If you saturate the color by 10%, you get **41.5003, 34.2964, 21.9172**, and if you desaturate by 10%, it is **50.7540, 47.5779, 41.1124**.

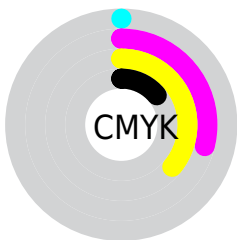
Distribution



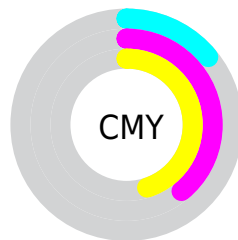
- Red (86%)
- Green (61%)
- Blue (55%)



- Red (86%)
- Yellow (62%)
- Blue (55%)



- Cyan (0%)
- Magenta (29%)
- Yellow (36%)
- Black (14%)





- Cyan (14%)
- Magenta (39%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.7425, 40.4258, 30.5914 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 45.7425, 40.4258, 30.5914 by changing the saturation by 10% instead.


 45.7425, 40.4258,
30.5914


 45.7425, 40.4258,
30.5914


360.5058,
347.9150, 318.9442


 32.2464, 27.8707,
20.0321


 83.0637, 75.8115,
61.6682

 21.7063, 18.2282,
12.2340


 107.6196, 99.4108,
83.0228

 13.7566, 11.1140,
6.7788


 136.5928,
127.4604, 108.8128

 8.0321, 6.1435,
3.2478

170.3486,
160.3445, 139.4569

 4.1675, 2.9326,
1.2225

209.2525,
198.4477, 175.3735

 1.7973, 1.0966,
0.0000

253.6697,

 0.5161, 0.0000,

242.1542, 216.9812

0.0000

303.9657,
291.8485, 264.6986

■ 0.0000, 0.0000,
0.0000

■ 45.7425, 40.4258,
30.5914

■ 45.7425, 40.4258,
30.5914

■ 41.5003, 34.2964,
21.9172

■ 50.7540, 47.5779,
41.1124

■ 37.9856, 29.1371,
14.9805

■ 56.5675, 55.7906,
53.5763

■ 35.1573, 24.8993,
9.6638

■ 63.2178, 65.1071,
68.0752

■ 32.9688, 21.5278,
5.8344

■ 70.7363, 75.5662,
84.6948

■ 31.3673, 18.9613,
3.3379

■ 79.1533, 87.2052,
103.5157

■ 30.2905, 17.1300,
1.9856

■ 83.0235, 93.8001,
108.3372

■ 29.9496, 16.5322,
1.6125

Harmonies

Analogous

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



47.6892, 40.4258, 40.9088



45.7425, 40.4258, 30.5914



41.8619, 40.4258, 24.8316

Triad

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



45.7425, 40.4258, 30.5914



30.9574, 40.4258, 35.1260



39.5461, 40.4258, 73.5543

Complementary

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



45.7425, 40.4258, 30.5914



45.6013, 54.4381, 75.1221

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.



35.1788, 40.4258, 71.1721



45.7425, 40.4258, 30.5914



30.4432, 40.4258, 47.2784

Square

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



45.7425, 40.4258, 30.5914



33.3941, 40.4258, 27.0696



31.9301, 40.4258, 60.8876



43.9342, 40.4258, 66.8749

Rectangle

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



45.7425, 40.4258, 30.5914



38.8245, 40.4258, 23.5642



31.9301, 40.4258, 60.8876



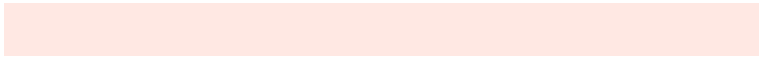
38.0252, 40.4258, 73.8059

Sweetspot

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



45.7436, 40.4277, 30.5922



83.9509, 84.5087, 84.5240



49.8792, 38.5665, 63.2079



17.6983, 17.7088, 17.5026



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.



45.7436, 40.4277, 30.5922



59.8397, 50.2387, 33.4729



53.0914, 55.1234, 33.0415



13.2442, 13.4277, 13.6193



17.8156, 9.9168, 0.9752



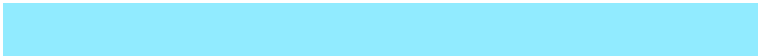
1.2117, 0.7574, 0.0823

Inverse Universe

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



45.6013, 54.4381, 75.1221



59.5869, 72.8677, 105.5321



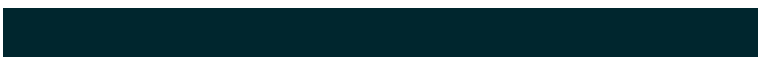
37.5898, 38.4151, 72.4516



13.2357, 14.4111, 16.7362



17.2944, 22.4583, 43.1618



1.1734, 1.5610, 2.8139

Previews

White Background



This preview shows how the XYZ color 45.7425, 40.4258, 30.5914 looks on a white background.

Color Contrast Check

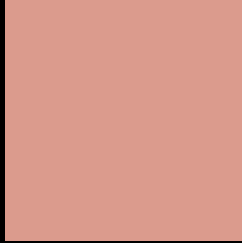
Large Text (above 18pt) WCAG AA × Fail

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 45.7425, 40.4258, 30.5914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

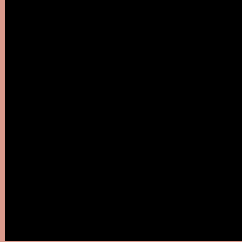
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.7425, 40.4258, 30.5914

Background



This preview shows how black text looks on a background with the XYZ color 45.7425, 40.4258, 30.5914.



This preview shows how white text looks on a background with the XYZ color 45.7425, 40.4258,

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

45.7425, 40.4258, 30.5914

Protanopia

38.3899, 40.5031, 34.2283

Deuteranopia

41.2244, 40.4208, 30.0553



Tritanopia

47.6579, 40.4730, 39.9506

Trichromacy



Original Color

45.7425, 40.4258, 30.5914

Protanomaly

40.8916, 40.4549, 32.8475

Deuteranomaly

42.9321, 40.5050, 30.3664

Tritanomaly

46.8228, 40.3647, 36.3337

Monochromacy



Original Color

45.7425, 40.4258, 30.5914

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

41.3044, 40.7928, 39.4150

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.7425, 40.4258, 30.5914 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, 155, 141)` looks like.

```
.text, #text, p{  
    color:rgb(219, 155, 141)  
}
```

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, 155, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 155, 141) }
```

Border

The CSS property to change the border of an element to XYZ 45.7425, 40.4258, 30.5914 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, 155, 141) }
```


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

```
.border{ border-color:rgb(219, 155, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 155, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 155, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 155, 141);  
box-shadow:4px 4px 4px 4px rgb(219, 155,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 45.7425, 40.4258, 30.5914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 155, 141) }
```

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

```
.background{ background-color: rgb(219,  
155, 141) }
```

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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