

Converting Colors

XYZ(45.0124, 40.7119, 30.8194)

Have a look what the booklet for
XYZ(45.0124, 40.7119, 30.8194)
contains.

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Color

**XYZ(45.0589, 40.8239,
30.7042)**

Conversions

Conversions Part 1

Format	Color
Hex	D79E8D
RGB	215, 158, 141
RGB Percent	84%, 62%, 55%
CMY	0.1569, 0.3804, 0.4471
CMYK	0.00, 0.27, 0.34, 0.16
HSL	14°, 48%, 70%
HSV	14°, 34%, 84%
XYZ	45.0589, 40.8239, 30.7042
YIQ	173.1050, 39.4290, 6.7970

Conversions

Conversions Part 2

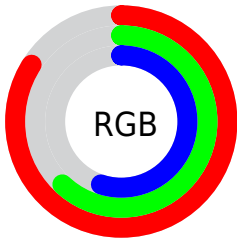
Format	Color
R _{YB}	215, 163, 141
Decimal	14130829
CIE Lab	70.05, 18.95, 17.21
CIE LCh	70, 25.603, 42.248
Yxy	40.8239, 0.3865, 0.3502
Android (android.graphics.Color)	4292320909 (0xFFD79E8D)
YUV	173.1050, -15.8278, 36.7419
Hunter-Lab	63.8936, 14.0676, 16.2336

Details

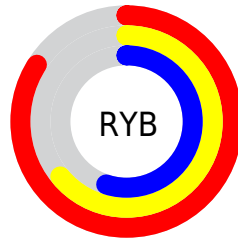
The XYZ color **45.0589, 40.8239, 30.7042** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.4435, 50.9553, 71.8356**, and the grayscale version is **39.8391, 41.9138, 45.6441**.

A 20% lighter version of the original color is **74.8846, 72.7886, 61.7325**, and **21.3404, 18.4343, 12.3309** is the 20% darker color. If you saturate the color by 10%, you get **40.9751, 34.9727, 22.2018**, and if you desaturate by 10%, it is **49.8360, 47.5645, 40.9707**.

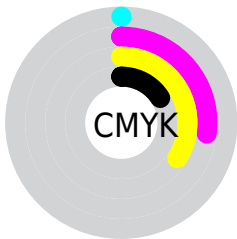
Distribution



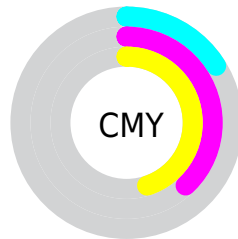
- Red (84%)
- Green (62%)
- Blue (55%)



- Red (84%)
- Yellow (64%)
- Blue (55%)



- Cyan (0%)
- Magenta (27%)
- Yellow (34%)
- Black (16%)





- Cyan (16%)
- Magenta (38%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.0589, 40.8239, 30.7042 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 45.0589, 40.8239, 30.7042 by changing the saturation by 10% instead.


 45.0589, 40.8239,
30.7042

 45.0589, 40.8239,
30.7042


357.7917,
349.5841, 319.4821


 31.7053, 28.1815,
20.1171


 82.0453, 76.4165,
61.8482

 21.2910, 18.4625,
12.2953


 106.4088,
100.1355, 83.2422

 13.4505, 11.2826,
6.8201


 135.1730,
128.3155, 109.0755

 7.8186, 6.2572,
3.2731

168.7033,
161.3408, 139.7668

 4.0299, 3.0021,
1.2357

207.3649,
199.5960, 175.7346

 1.7191, 1.1328,
0.0082

251.5233,

 0.4682, 0.0058,

243.4653, 217.3974

0.0000

301.5438,
293.3332, 265.1737

0.0000, 0.0000,
0.0000

45.0589, 40.8239,
30.7042

45.0589, 40.8239,
30.7042

40.9751, 34.9727,
22.2018

49.8360, 47.5645,
40.9707

37.5483, 29.9675,
15.3609

55.3342, 55.2238,
53.0909

34.7435, 25.7702,
10.0721

61.5833, 63.8369,
67.1513

32.5210, 22.3371,
6.2120

68.6107, 73.4354,
83.2322

30.8362, 19.6202,
3.6377

76.4425, 84.0495,
101.4094

■ 29.6367, 17.5656,
2.1763

■ 81.8343, 93.1871,
108.2815

■ 29.1397, 16.6778,
1.6833

Harmonies

Analogous

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



47.1957, 40.8239, 39.7451



45.0589, 40.8239, 30.7042



41.3037, 40.8239, 25.9388

Triad

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



45.0589, 40.8239, 30.7042



31.6415, 40.8239, 37.7966



40.5315, 40.8239, 70.9439

Complementary

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



45.0589, 40.8239, 30.7042



43.4435, 50.9553, 71.8356

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.



36.4032, 40.8239, 70.1656



45.0589, 40.8239, 30.7042



31.4675, 40.8239, 49.5129

Square

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



45.0589, 40.8239, 30.7042



33.6464, 40.8239, 29.4992



33.1527, 40.8239, 61.7865



44.4588, 40.8239, 63.7533

Rectangle

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



45.0589, 40.8239, 30.7042



38.4876, 40.8239, 25.1932



33.1527, 40.8239, 61.7865



39.1179, 40.8239, 71.6373

Sweetspot

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



45.0600, 40.8258, 30.7050



85.2642, 86.5680, 86.7107



47.8543, 37.6192, 58.7517



17.9755, 18.1502, 17.9436



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.



45.0600, 40.8258, 30.7050



62.0093, 53.9325, 36.1863



52.1314, 54.9688, 33.0622



12.6525, 12.8792, 12.9798



17.4960, 10.1093, 1.0291



1.1191, 0.7374, 0.0834

Inverse Universe

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



43.4435, 50.9553, 71.8356



59.2796, 70.8847, 105.1655



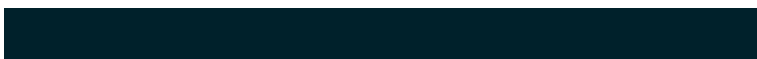
36.1651, 36.3983, 69.4095



12.5390, 13.6014, 15.9020



15.5321, 19.3260, 41.3648



0.9972, 1.2864, 2.5151

Previews

White Background



This preview shows how the XYZ color 45.0589, 40.8239, 30.7042 looks on a white background.

Color Contrast Check

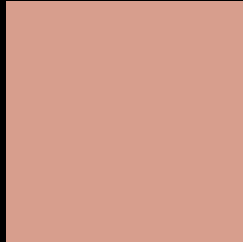
Large Text (above 18pt) WCAG AA × Fail

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 45.0589, 40.8239, 30.7042 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 45.0589, 40.8239, 30.7042

Background



This preview shows how black text looks on a background with the XYZ color 45.0589, 40.8239, 30.7042.



This preview shows how white text looks on a background with the XYZ color 45.0589, 40.8239,

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

45.0589, 40.8239, 30.7042

Protanopia

38.6518, 40.9357, 33.4680

Deuteranopia

41.7419, 40.9458, 30.5142



Tritanopia

47.3520, 40.7698, 41.4500

Trichromacy



Original Color

45.0589, 40.8239, 30.7042

Protanomaly

40.7394, 40.6542, 32.4879

Deuteranomaly

42.8308, 40.7132, 30.4120

Tritanomaly

46.4224, 40.6287, 37.2937

Monochromacy



Original Color

45.0589, 40.8239, 30.7042

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

41.1747, 41.2698, 39.5139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.0589, 40.8239, 30.7042 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(215, 158, 141)` looks like.

```
.text, #text, p{  
    color:rgb(215, 158, 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(215, 158, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 158, 141) }
```

Border

The CSS property to change the border of an element to XYZ 45.0589, 40.8239, 30.7042 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(215, 158, 141) }
```


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

```
.border{ border-color:rgb(215, 158, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 158, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 158, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 158, 141);  
box-shadow:4px 4px 4px 4px rgb(215, 158,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 45.0589, 40.8239, 30.7042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 158, 141) }
```

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

```
.background{ background-color: rgb(215,  
158, 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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