

Converting Colors

XYZ(45.1981, 39.9421, 35.2665)

Have a look what the booklet for
XYZ(45.1981, 39.9421, 35.2665)
contains.

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Color

**XYZ(45.2027, 40.0387,
35.4828)**

Conversions

Conversions Part 1

Format	Color
Hex	D69B99
RGB	214, 155, 153
RGB Percent	84%, 61%, 60%
CMY	0.1608, 0.3921, 0.4000
CMYK	0.00, 0.28, 0.29, 0.16
HSL	2°, 43%, 72%
HSV	2°, 29%, 84%
XYZ	45.2027, 40.0387, 35.4828
YIQ	172.4130, 35.8060, 11.8860

Conversions

Conversions Part 2

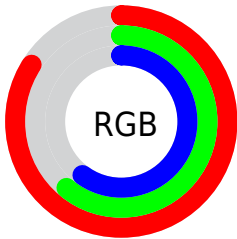
Format	Color
R _Y B	214, 155, 153
Decimal	14064537
CIE Lab	69.50, 21.76, 9.78
CIE LCh	69, 23.856, 24.197
Yxy	40.0387, 0.3744, 0.3317
Android (android.graphics.Color)	4292254617 (0xFFD69B99)
YUV	172.4130, -9.5706, 36.4718
Hunter-Lab	63.2761, 16.7821, 11.0458

Details

The XYZ color **45.2027, 40.0387, 35.4828** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.8173, 58.7127, 72.3784**, and the grayscale version is **39.4571, 41.5120, 45.2066**.

A 20% lighter version of the original color is **75.5491, 71.8582, 68.9196**, and **21.3491, 17.9289, 14.9058** is the 20% darker color. If you saturate the color by 10%, you get **40.4371, 33.0868, 25.9421**, and if you desaturate by 10%, it is **50.8779, 48.3019, 46.8914**.

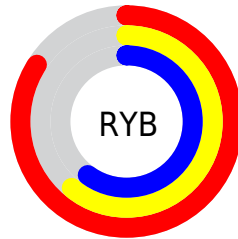
Distribution



Red (84%)

Green (61%)

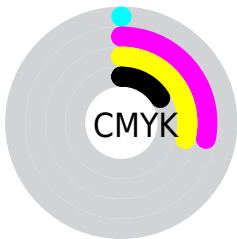
Blue (60%)



Red (84%)

Yellow (61%)

Blue (60%)

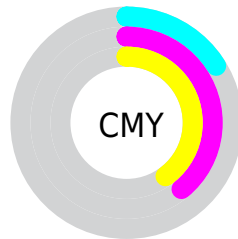


Cyan (0%)

Magenta (28%)

Yellow (29%)

Black (16%)



Cyan (16%)

Magenta (39%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.2027, 40.0387, 35.4828 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 45.2027, 40.0387, 35.4828 by changing the saturation by 10% instead.


 45.2027, 40.0387,
35.4828


 45.2027, 40.0387,
35.4828


358.3638,
346.2867, 341.6631

 31.8191, 27.5687,
23.7485


 82.2597, 75.2224,
69.3931

 21.3782, 18.0008,
14.9367

 106.6638, 98.7050,
92.4061

 13.5148, 10.9506,
8.6288

135.4720,
126.6272, 120.0158

 7.8634, 6.0336,
4.4064

169.0499,
159.3734, 152.6407

 4.0587, 2.8655,
1.8508

207.7626,
197.3281, 190.6993

 1.7354, 1.0619,
0.4612

251.9756,

 0.4783, 0.0000,

240.8756, 234.6102

0.0000

302.0542,
290.4003, 284.7920

0.0000, 0.0000,
0.0000

45.2027, 40.0387,
35.4828

45.2027, 40.0387,
35.4828

40.4371, 33.0868,
25.9421

50.8779, 48.3019,
46.8914

36.5307, 27.3735,
18.1676

57.5030, 57.9329,
60.2575

33.4334, 22.8278,
12.0515

65.1199, 68.9917,
75.6676

31.0883, 19.3692,
7.4736

73.7672, 81.5334,
93.2025

29.4315, 16.9069,
4.2970

81.5417, 93.0362,
108.2678

■ 28.3883, 15.3355,
2.3611

■ 27.8591, 14.5231,
1.4268

■ 27.8080, 14.4488,
1.3233

Harmonies

Analogous

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



45.8919, 40.0387, 45.7707



45.2027, 40.0387, 35.4828



42.5449, 40.0387, 28.5837

Triad

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



45.2027, 40.0387, 35.4828



32.3708, 40.0387, 32.3484



37.3132, 40.0387, 68.2251

Complementary

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



45.2027, 40.0387, 35.4828



48.8173, 58.7127, 72.3784

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.



33.8937, 40.0387, 63.1132



45.2027, 40.0387, 35.4828



31.1663, 40.0387, 41.4900

Square

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



45.2027, 40.0387, 35.4828



35.1061, 40.0387, 26.9987



31.7046, 40.0387, 52.8588



41.1658, 40.0387, 65.8919

Rectangle

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



45.2027, 40.0387, 35.4828



40.1040, 40.0387, 26.2362



31.7046, 40.0387, 52.8588



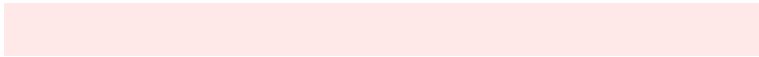
36.0781, 40.0387, 67.2972

Sweetspot

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



45.2038, 40.0406, 35.4836



84.8960, 85.2559, 88.3627



51.1313, 41.8823, 68.3292



17.8446, 17.7736, 18.2535



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.



45.2038, 40.0406, 35.4836



62.9268, 53.2803, 44.1600



50.7297, 51.0925, 37.3256



12.4556, 12.4855, 12.9142



16.8229, 8.7629, 0.8048



1.0265, 0.5521, 0.0525

Inverse Universe

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



48.8173, 58.7127, 72.3784



69.1204, 85.2939, 107.4281



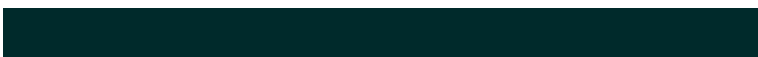
42.1020, 45.2820, 70.1399



12.7556, 14.0346, 15.9742



20.8343, 29.9304, 43.1322



1.2678, 1.8277, 2.6053

Previews

White Background



This preview shows how the XYZ color 45.2027, 40.0387, 35.4828 looks on a white background.

Color Contrast Check

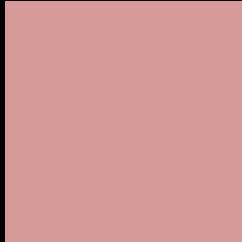
Large Text (above 18pt) WCAG AA × Fail

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 45.2027, 40.0387, 35.4828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

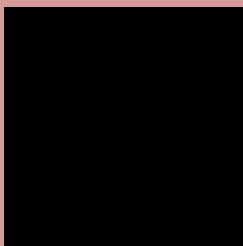
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.2027, 40.0387, 35.4828

Background



This preview shows how black text looks on a background with the XYZ color 45.2027, 40.0387, 35.4828.



This preview shows how white text looks on a background with the XYZ color 45.2027, 40.0387,

35.4828.

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

45.2027, 40.0387, 35.4828

Protanopia

38.3002, 40.0631, 39.4325

Deuteranopia

40.8537, 40.1227, 34.8694



Tritanopia

46.2071, 39.9462, 40.8723

Trichromacy



Original Color

45.2027, 40.0387, 35.4828

Protanomaly

40.4333, 39.8384, 37.9063

Deuteranomaly

42.4998, 40.1742, 35.2202

Tritanomaly

46.0130, 40.1315, 39.0392

Monochromacy



Original Color

45.2027, 40.0387, 35.4828

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.9213, 40.5538, 41.2682

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.2027, 40.0387, 35.4828 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(214, 155, 153) looks like.

```
.text, #text, p{  
    color:rgb(214, 155, 153)  
}
```

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(214, 155, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 155, 153) }
```

Border

The CSS property to change the border of an element to XYZ 45.2027, 40.0387, 35.4828 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(214, 155, 153) }
```


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

```
.border{ border-color:rgb(214, 155, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 155, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 155, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 155, 153);  
box-shadow:4px 4px 4px 4px rgb(214, 155,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 45.2027, 40.0387, 35.4828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 155, 153) }
```

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

```
.background{ background-color: rgb(214,  
155, 153) }
```

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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