

Converting Colors

XYZ(45.6364, 39.3299, 33.2208)

Have a look what the booklet for
XYZ(45.6364, 39.3299, 33.2208)
contains.

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Color

**XYZ(45.6253, 39.3314,
33.2040)**

Conversions

Conversions Part 1

Format	Color
Hex	DB9794
RGB	219, 151, 148
RGB Percent	86%, 59%, 58%
CMY	0.1412, 0.4078, 0.4196
CMYK	0.00, 0.31, 0.32, 0.14
HSL	3°, 50%, 72%
HSV	3°, 32%, 86%
XYZ	45.6253, 39.3314, 33.2040
YIQ	170.9900, 41.4910, 13.4830

Conversions

Conversions Part 2

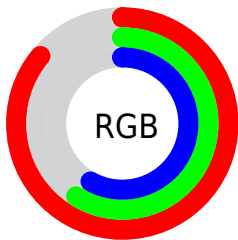
Format	Color
R _Y B	219, 151, 148
Decimal	14391188
CIE Lab	68.99, 25.16, 11.92
CIE LCh	69, 27.835, 25.347
Yxy	39.3314, 0.3861, 0.3329
Android (android.graphics.Color)	4292581268 (0xFFDB9794)
YUV	170.9900, -11.3341, 42.1048
Hunter-Lab	62.7148, 20.1088, 12.5095

Details

The XYZ color **45.6253, 39.3314, 33.2040** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.5539, 60.5199, 76.0876**, and the grayscale version is **38.7451, 40.7629, 44.3908**.

A 20% lighter version of the original color is **73.9720, 69.6669, 65.4254**, and **21.5198, 17.4681, 13.5467** is the 20% darker color. If you saturate the color by 10%, you get **40.9728, 32.5429, 23.8948**, and if you desaturate by 10%, it is **51.2083, 47.4556, 44.4421**.

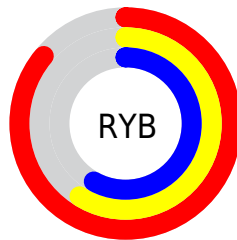
Distribution



Red (86%)

Green (59%)

Blue (58%)



Red (86%)

Yellow (59%)

Blue (58%)

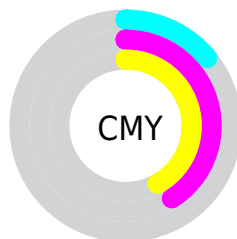


Cyan (0%)

Magenta (31%)

Yellow (32%)

Black (14%)



Cyan (14%)


Magenta (41%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.6253, 39.3314, 33.2040 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 45.6253, 39.3314, 33.2040 by changing the saturation by 10% instead.


 45.6253, 39.3314,
33.2040

 45.6253, 39.3314,
33.2040


360.0414,
343.2974, 331.2281

 32.1536, 27.0176,
22.0104


 82.8892, 74.1443,
65.8136

 21.6350, 17.5865,
13.6661

 107.4122, 97.4122,
88.0666

 13.7040, 10.6535,
7.7527


136.3497,
125.1004, 114.8432

 7.9954, 5.8344,
3.8516

170.0669,
157.5930, 146.5618

 4.1438, 2.7446,
1.5443

208.9294,
195.2747, 183.6411

 1.7838, 0.9999,
0.2506

253.3024,

 0.5079, 0.0000,

238.5297, 226.4996

0.0000

303.5513,
287.7425, 275.5557

■ 0.0000, 0.0000,
0.0000

■ 45.6253, 39.3314,
33.2040

■ 45.6253, 39.3314,
33.2040

■ 40.9728, 32.5429,
23.8948

■ 51.2083, 47.4556,
44.4421

■ 37.1973, 27.0136,
16.4040

■ 57.7652, 56.9758,
57.7066

■ 34.2447, 22.6674,
10.6132

■ 65.3406, 67.9553,
73.0913

■ 32.0535, 19.4183,
6.3895

■ 73.9752, 80.4517,
90.6833

■ 30.5539, 17.1682,
3.5798

■ 83.0234, 93.8001,
108.3372

■ 29.6627, 15.8017,
2.0007

■ 29.3140, 15.2613,
1.4007

Harmonies

Analogous

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



46.5361, 39.3314, 44.8354



45.6253, 39.3314, 33.2040



42.4409, 39.3314, 25.7231

Triad

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



45.6253, 39.3314, 33.2040



30.8025, 39.3314, 30.3935



36.6964, 39.3314, 72.0455

Complementary

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



45.6253, 39.3314, 33.2040



49.5539, 60.5199, 76.0876

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.



32.7444, 39.3314, 66.2014



45.6253, 39.3314, 33.2040



29.5169, 39.3314, 40.8760

Square

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



45.6253, 39.3314, 33.2040



33.8526, 39.3314, 24.3395



30.1990, 39.3314, 54.1457



41.1513, 39.3314, 68.8834

Rectangle

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



45.6253, 39.3314, 33.2040



39.5806, 39.3314, 23.2875



30.1990, 39.3314, 54.1457



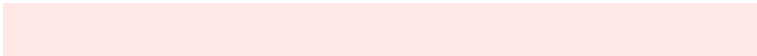
35.2689, 39.3314, 71.0413

Sweetspot

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



45.6263, 39.3333, 33.2048



83.9110, 83.8616, 86.2596



52.2803, 41.2310, 70.5988



17.6510, 17.5011, 17.8354



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.



45.6263, 39.3333, 33.2048



59.7317, 48.7030, 37.5055



52.0898, 52.2601, 35.3593



13.1000, 13.1394, 13.5713



17.4018, 9.0892, 0.8372



1.1433, 0.6207, 0.0595

Inverse Universe

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



49.5539, 60.5199, 76.0876



66.1055, 83.1073, 107.1649



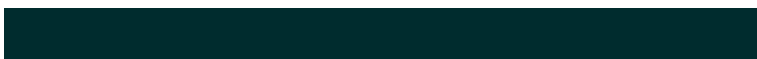
41.5503, 44.5128, 73.4197



13.3952, 14.7301, 16.7893



21.2291, 30.3277, 44.4733



1.3903, 1.9947, 2.8862

Previews

White Background



This preview shows how the XYZ color 45.6253, 39.3314, 33.2040 looks on a white background.

Color Contrast Check

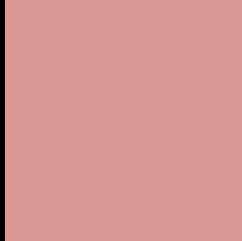
Large Text (above 18pt) WCAG AA × Fail

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 45.6253, 39.3314, 33.2040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

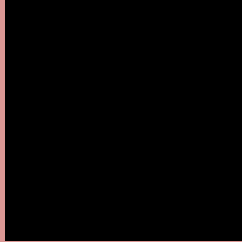
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.6253, 39.3314, 33.2040

Background



This preview shows how black text looks on a background with the XYZ color 45.6253, 39.3314, 33.2040.



This preview shows how white text looks on a background with the XYZ color 45.6253, 39.3314,

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

45.6253, 39.3314, 33.2040

Protanopia

37.7676, 39.5535, 37.5423

Deuteranopia

40.1010, 39.2534, 32.6573



Tritanopia

46.6078, 39.2486, 38.3769

Trichromacy



Original Color

45.6253, 39.3314, 33.2040

Protanomaly

40.2389, 39.2501, 36.0271

Deuteranomaly

41.8504, 39.1169, 32.9483

Tritanomaly

46.4223, 39.4286, 36.6163

Monochromacy



Original Color

45.6253, 39.3314, 33.2040

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

40.6254, 39.8866, 40.2080

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.6253, 39.3314, 33.2040 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, 151, 148)` looks like.

```
.text, #text, p{  
    color:rgb(219, 151, 148)  
}
```

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, 151, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 151, 148) }
```

Border

The CSS property to change the border of an element to XYZ 45.6253, 39.3314, 33.2040 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, 151, 148) }
```


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

```
.border{ border-color:rgb(219, 151, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 151, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 151, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 151, 148);  
box-shadow:4px 4px 4px 4px rgb(219, 151,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 45.6253, 39.3314, 33.2040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 151, 148) }
```

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

```
.background{ background-color: rgb(219,  
151, 148) }
```

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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