

Converting Colors

XYZ(45.1401, 40.6517, 40.1310)

Have a look what the booklet for
XYZ(45.1401, 40.6517, 40.1310)
contains.

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Color

**XYZ(45.1322, 40.6534,
40.1185)**

Conversions

Conversions Part 1

Format	Color
Hex	D19EA3
RGB	209, 158, 163
RGB Percent	82%, 62%, 64%
CMY	0.1804, 0.3804, 0.3608
CMYK	0.00, 0.24, 0.22, 0.18
HSL	354°, 36%, 72%
HSV	354°, 24%, 82%
XYZ	45.1322, 40.6534, 40.1185
YIQ	173.8190, 28.7910, 12.3670

Conversions

Conversions Part 2

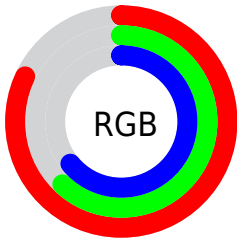
Format	Color
R _Y B	209, 158, 163
Decimal	13737635
CIE Lab	69.93, 19.68, 4.78
CIE LCh	70, 20.253, 13.647
Yxy	40.6534, 0.3585, 0.3229
Android (android.graphics.Color)	4291927715 (0xFFD19EA3)
YUV	173.8190, -5.3338, 30.8537
Hunter-Lab	63.7600, 14.7703, 7.3261

Details

The XYZ color **45.1322, 40.6534, 40.1185** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.8018, 57.2306, 65.6568**, and the grayscale version is **40.1563, 42.2476, 46.0076**.

A 20% lighter version of the original color is **77.6891, 73.9105, 76.5012**, and **21.3497, 18.3258, 17.4509** is the 20% darker color. If you saturate the color by 10%, you get **40.3006, 33.4948, 30.7862**, and if you desaturate by 10%, it is **50.8241, 49.1290, 50.9808**.

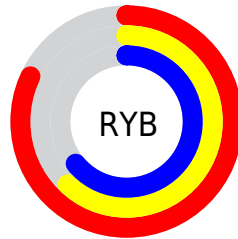
Distribution



Red (82%)

Green (62%)

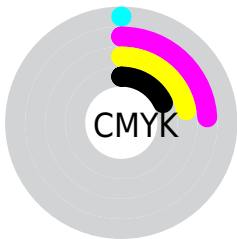
Blue (64%)



Red (82%)

Yellow (62%)

Blue (64%)

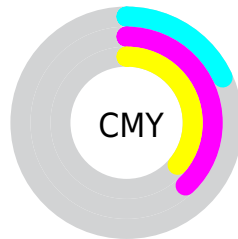


Cyan (0%)

Magenta (24%)

Yellow (22%)

Black (18%)



Cyan (18%)

Magenta (38%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.1322, 40.6534, 40.1185 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 45.1322, 40.6534, 40.1185 by changing the saturation by 10% instead.


 45.1322, 40.6534,
40.1185


 45.1322, 40.6534,
40.1185


358.0834,
348.8699, 362.1897

 31.7633, 28.0484,
27.3165


 82.1546, 76.1575,
76.5830

 21.3354, 18.3621,
17.5765


 106.5388, 99.8253,
101.0825

 13.4833, 11.2103,
10.4801


135.3255,
127.9495, 130.3183

 7.8414, 6.2085,
5.6087

168.8800,
160.9144, 164.7088

 4.0446, 2.9722,
2.5437

207.5677,
199.1046, 204.6727

 1.7274, 1.1173,
0.8632

251.7539,

 0.4733, 0.0000,

242.9043, 250.6285

0.0000

301.8040,
292.6979, 302.9946

■ 0.0000, 0.0000,
0.0000

■ 45.1322, 40.6534,
40.1185

■ 45.1322, 40.6534,
40.1185

■ 40.3006, 33.4948,
30.7862

■ 50.8241, 49.1290,
50.9808

■ 36.2843, 27.5818,
22.9128

■ 57.4119, 58.9770,
63.4351

■ 33.0390, 22.8447,
16.4251

■ 64.9332, 70.2568,
77.5427

■ 30.5151, 19.2050,
11.2426

■ 73.4225, 83.0222,
93.3612

■ 28.6569, 16.5743,
7.2765

■ 80.1046, 92.2954,
108.2006

■ 27.4008, 14.8506,
4.4270

■ 26.6703, 13.9103,
2.5779

■ 26.4251, 13.6076,
1.9180

Harmonies

Analogous

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



45.0463, 40.6534, 49.5748



45.1322, 40.6534, 40.1185



43.4101, 40.6534, 32.8807

Triad

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



45.1322, 40.6534, 40.1185



34.4281, 40.6534, 32.3859



36.8826, 40.6534, 64.0670

Complementary

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



45.1322, 40.6534, 40.1185



47.8018, 57.2306, 65.6568

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.



34.2325, 40.6534, 58.0128



45.1322, 40.6534, 40.1185



32.8715, 40.6534, 39.3479

Square

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



45.1322, 40.6534, 40.1185



37.1636, 40.6534, 28.8643



32.8020, 40.6534, 48.6870



40.1546, 40.6534, 64.3513

Rectangle

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



45.1322, 40.6534, 40.1185



41.5222, 40.6534, 29.9099



32.8020, 40.6534, 48.6870



35.8940, 40.6534, 62.6041

Sweetspot

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



45.1333, 40.6553, 40.1193



87.1327, 88.1413, 94.0035



48.6111, 41.8824, 65.8438



18.5112, 18.6583, 19.8587



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.



45.1333, 40.6553, 40.1193



66.8829, 57.9716, 55.4082



48.4674, 48.0257, 39.0655



11.8551, 11.8268, 12.5129



16.3096, 8.3967, 1.2707



0.9284, 0.4761, 0.1577

Inverse Universe

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



45.1333, 40.6553, 40.1193



66.8829, 57.9716, 55.4082



43.7224, 48.0974, 67.3011



11.8551, 11.8268, 12.5129



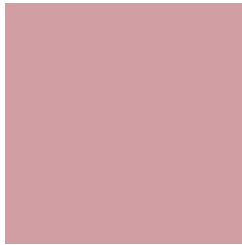
16.3096, 8.3967, 1.2707



0.9284, 0.4761, 0.1577

Previews

White Background



This preview shows how the XYZ color 45.1322, 40.6534, 40.1185 looks on a white background.

Color Contrast Check

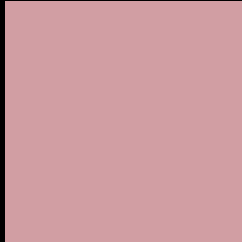
Large Text (above 18pt) WCAG AA × Fail

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 45.1322, 40.6534, 40.1185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

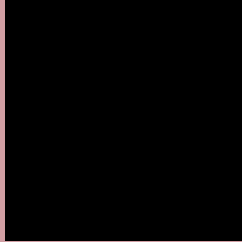
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.1322, 40.6534, 40.1185

Background



This preview shows how black text looks on a background with the XYZ color 45.1322, 40.6534, 40.1185.



This preview shows how white text looks on a background with the XYZ color 45.1322, 40.6534,

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

45.1322, 40.6534, 40.1185

Protanopia

39.0860, 40.6504, 43.8165

Deuteranopia

41.4626, 40.5953, 39.8328



Tritanopia

45.7967, 40.6802, 42.9744

Trichromacy



Original Color

45.1322, 40.6534, 40.1185

Protanomaly

41.1048, 40.6273, 42.2346

Deuteranomaly

42.7306, 40.4551, 39.7389

Tritanomaly

45.6104, 40.6056, 41.9930

Monochromacy



Original Color

45.1322, 40.6534, 40.1185

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.7518, 41.4723, 43.8346

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.1322, 40.6534, 40.1185 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(209, 158, 163) looks like.

```
.text, #text, p{  
    color:rgb(209, 158, 163)  
}
```

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(209, 158, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 158, 163) }
```

Border

The CSS property to change the border of an element to XYZ 45.1322, 40.6534, 40.1185 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(209, 158, 163) }
```


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

```
.border{ border-color:rgb(209, 158, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 158, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 158, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 158, 163);  
box-shadow:4px 4px 4px 4px rgb(209, 158,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 45.1322, 40.6534, 40.1185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 158, 163) }
```

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

```
.background{ background-color: rgb(209,  
158, 163) }
```

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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