

Converting Colors

XYZ(45.7180, 40.4953, 41.6440)

Have a look what the booklet for
XYZ(45.7180, 40.4953, 41.6440)
contains.

XYZ(45.6354, 40.3790, 41.4651)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(45.6354, 40.3790,
41.4651)**

Conversions

Conversions Part 1

Format	Color
Hex	D39CA6
RGB	211, 156, 166
RGB Percent	83%, 61%, 65%
CMY	0.1725, 0.3882, 0.3490
CMYK	0.00, 0.26, 0.21, 0.17
HSL	349°, 38%, 72%
HSV	349°, 26%, 83%
XYZ	45.6354, 40.3790, 41.4651
YIQ	173.5850, 29.5700, 14.7700

Conversions

Conversions Part 2

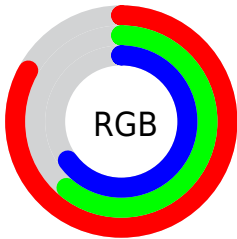
Format	Color
R _Y B	211, 156, 166
Decimal	13868198
CIE Lab	69.74, 21.96, 2.86
CIE LCh	70, 22.146, 7.414
Yxy	40.3790, 0.3580, 0.3167
Android (android.graphics.Color)	4292058278 (0xFFD39CA6)
YUV	173.5850, -3.7394, 32.8130
Hunter-Lab	63.5445, 16.9896, 5.7922

Details

The XYZ color **45.6354, 40.3790, 41.4651** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.5489, 57.8745, 63.9260**, and the grayscale version is **40.0282, 42.1128, 45.8608**.

A 20% lighter version of the original color is **77.5854, 73.0690, 78.4211**, and **21.5051, 18.0841, 18.2767** is the 20% darker color. If you saturate the color by 10%, you get **40.9187, 33.3120, 32.5967**, and if you desaturate by 10%, it is **51.1821, 48.7648, 51.6600**.

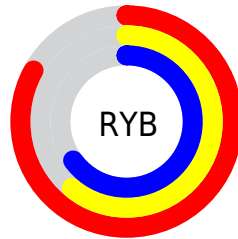
Distribution



Red (83%)

Green (61%)

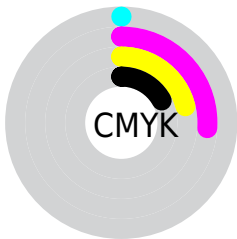
Blue (65%)



Red (83%)

Yellow (61%)

Blue (65%)

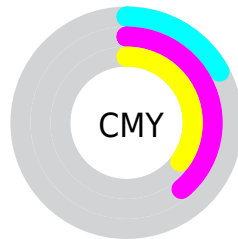


Cyan (0%)

Magenta (26%)

Yellow (21%)

Black (17%)



Cyan (17%)


Magenta (39%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.6354, 40.3790, 41.4651 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 45.6354, 40.3790, 41.4651 by changing the saturation by 10% instead.


 45.6354, 40.3790,
41.4651


 45.6354, 40.3790,
41.4651


360.0814,
347.7184, 367.9948

 32.1616, 27.8342,
28.3602


 82.9043, 75.7403,
78.6508

 21.6411, 18.2007,
18.3560


 107.4301, 99.3255,
103.5686

 13.7086, 11.0942,
11.0338


136.3706,
127.3597, 133.2613

 7.9986, 6.1302,
5.9751

170.0912,
160.2272, 168.1472

 4.1458, 2.9244,
2.7614

208.9572,
198.3125, 208.6450

 1.7850, 1.0924,
0.9741

253.3341,

 0.5086, 0.0000,

241.9998, 255.1732

0.0000

303.5870,
291.6737, 308.1503

■ 0.0000, 0.0000,
0.0000

■ 45.6354, 40.3790,
41.4651

■ 45.6354, 40.3790,
41.4651

■ 40.9187, 33.3120,
32.5967

■ 51.1821, 48.7648,
51.6600

■ 36.9882, 27.4912,
24.9974

■ 57.5927, 58.5261,
63.2307

■ 33.8017, 22.8456,
18.6094

■ 64.9036, 69.7228,
76.2268

■ 31.3110, 19.2948,
13.3690

■ 73.1479, 82.4098,
90.6947

■ 29.4625, 16.7480,
9.2068

■ 80.2465, 92.4179,
105.9753

■ 28.1943, 15.1000,
6.0455

■ 80.6741, 92.5890,
108.2272

■ 27.4308, 14.2198,
3.7964

■ 27.2197, 13.9912,
3.1295

Harmonies

Analogous

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



45.1083, 40.3790, 51.9999



45.6354, 40.3790, 41.4651



44.1240, 40.3790, 33.0201

Triad

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



45.6354, 40.3790, 41.4651



34.3379, 40.3790, 30.0649



35.7897, 40.3790, 64.8498

Complementary

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



45.6354, 40.3790, 41.4651



47.5489, 57.8745, 63.9260

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.



33.1557, 40.3790, 57.0970



45.6354, 40.3790, 41.4651



32.3547, 40.3790, 36.8051

Square

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



45.6354, 40.3790, 41.4651



37.4956, 40.3790, 27.1383



31.9358, 40.3790, 46.5652



39.2762, 40.3790, 66.6152

Rectangle

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



45.6354, 40.3790, 41.4651



42.2160, 40.3790, 29.3300



31.9358, 40.3790, 46.5652



34.7819, 40.3790, 62.8049

Sweetspot

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



45.6365, 40.3809, 41.4659



86.3118, 86.6390, 93.3002



47.7127, 40.8880, 67.0059



18.1442, 18.0410, 19.3764



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.



45.6365, 40.3809, 41.4659



66.0846, 56.0227, 56.2281



47.8896, 46.2981, 37.8672



11.8952, 11.8428, 12.7241



16.4544, 8.4546, 2.0328



0.9471, 0.4836, 0.2564

Inverse Universe

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



45.6365, 40.3809, 41.4659



66.0846, 56.0227, 56.2281



44.6689, 50.1709, 68.9581



11.8952, 11.8428, 12.7241



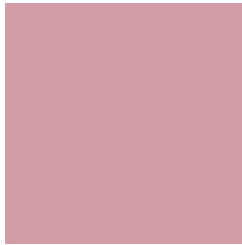
16.4544, 8.4546, 2.0328



0.9471, 0.4836, 0.2564

Previews

White Background



This preview shows how the XYZ color 45.6354, 40.3790, 41.4651 looks on a white background.

Color Contrast Check

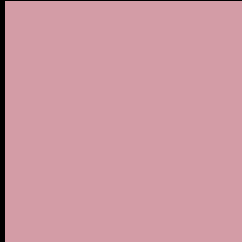
Large Text (above 18pt) WCAG AA × Fail

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 45.6354, 40.3790, 41.4651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

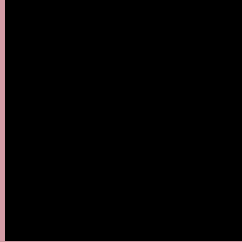
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.6354, 40.3790, 41.4651

Background



This preview shows how black text looks on a background with the XYZ color 45.6354, 40.3790, 41.4651.



This preview shows how white text looks on a background with the XYZ color 45.6354, 40.3790,

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

45.6354, 40.3790, 41.4651

Protanopia

39.2483, 40.6897, 45.8297

Deuteranopia

41.3912, 40.5378, 40.7650



Tritanopia

45.8203, 40.4530, 42.4390

Trichromacy



Original Color

45.6354, 40.3790, 41.4651

Protanomaly

41.2993, 40.4153, 44.1523

Deuteranomaly

43.0006, 40.5630, 41.1604

Tritanomaly

45.7275, 40.4158, 41.9502

Monochromacy



Original Color

45.6354, 40.3790, 41.4651

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.6629, 41.1425, 44.2735

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.6354, 40.3790, 41.4651 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(211, 156, 166)` looks like.

```
.text, #text, p{  
    color:rgb(211, 156, 166)  
}
```

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(211, 156, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 156, 166) }
```

Border

The CSS property to change the border of an element to XYZ 45.6354, 40.3790, 41.4651 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(211, 156, 166) }
```


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

```
.border{ border-color:rgb(211, 156, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 156, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 156, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 156, 166); box-shadow:4px 4px 4px 4px rgb(211, 156, 166) }
```

Background

The CSS property to change the background color of an element to XYZ 45.6354, 40.3790, 41.4651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 156, 166) }
```

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

```
.background{ background-color: rgb(211,  
156, 166) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor