

Converting Colors

XYZ(45.5740, 40.9117, 50.2945)

Have a look what the booklet for
XYZ(45.5740, 40.9117, 50.2945)
contains.

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Color

**XYZ(45.5740, 40.9117,
50.2945)**

Conversions

Conversions Part 1

Format	Color
Hex	CB9FB7
RGB	203, 159, 183
RGB Percent	80%, 62%, 72%
CMY	0.2039, 0.3765, 0.2823
CMYK	0.00, 0.22, 0.10, 0.20
HSL	327°, 30%, 71%
HSV	327°, 22%, 80%
XYZ	45.5740, 40.9117, 50.2945
YIQ	174.8920, 18.5200, 16.7920

Conversions

Conversions Part 2

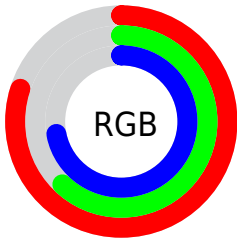
Format	Color
R_{YB}	203, 159, 183
Decimal	13344695
CIE Lab	70.11, 20.17, -6.13
CIE LCh	70, 21.078, 343.092
Yxy	40.9117, 0.3332, 0.2991
Android (android.graphics.Color)	4291534775 (0xFFCB9FB7)
YUV	174.8920, 3.9972, 24.6507
Hunter-Lab	63.9623, 15.2498, -1.8471

Details

The XYZ color **45.5740, 40.9117, 50.2945** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.7924, 53.3386, 50.6376**, and the grayscale version is **40.6660, 42.7838, 46.5915**.

A 20% lighter version of the original color is **80.8666, 75.5851, 91.9886**, and **21.4997, 18.4230, 23.5419** is the 20% darker color. If you saturate the color by 10%, you get **41.4366, 34.1236, 44.3310**, and if you desaturate by 10%, it is **50.3500, 48.8752, 56.7825**.

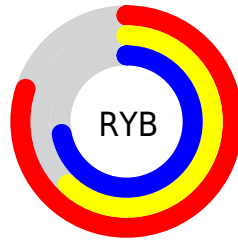
Distribution



Red (80%)

Green (62%)

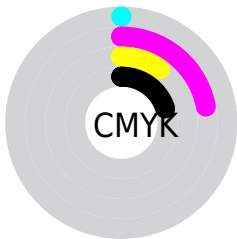
Blue (72%)



Red (80%)

Yellow (62%)

Blue (72%)

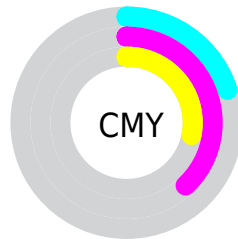


Cyan (0%)

Magenta (22%)

Yellow (10%)

Black (20%)



Cyan (20%)


Magenta (38%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.5740, 40.9117, 50.2945 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 45.5740, 40.9117, 50.2945 by changing the saturation by 10% instead.


 45.5740, 40.9117,
50.2945


 45.5740, 40.9117,
50.2945


359.8380,
349.9514, 404.5845

 32.1130, 28.2501,
35.2746


 82.8129, 76.5498,
92.0119

 21.6038, 18.5143,
23.5893


 107.3214,
100.2952, 119.5464

 13.6810, 11.3198,
14.8198


136.2432,
128.5038, 152.0897

 7.9794, 6.2824,
8.5478

169.9436,
161.5603, 190.0601

 4.1334, 3.0175,
4.3547

208.7879,
199.8488, 233.8762

 1.7779, 1.1409,
1.8219

253.1415,

 0.5043, 0.0126,

243.7540, 283.9567

0.4423

303.3698,
293.6600, 340.7199

■ 0.0000, 0.0000,
0.0000

■ 45.5740, 40.9117,
50.2945

■ 45.5740, 40.9117,
50.2945

■ 41.4366, 34.1236,
44.3310

■ 50.3500, 48.8752,
56.7825

■ 37.9052, 28.4491,
38.8739

■ 55.7883, 58.0611,
63.8073

■ 34.9494, 23.8288,
33.9074

■ 61.9156, 68.5206,
71.3839

■ 32.5346, 20.1958,
29.4138

■ 68.7562, 80.3004,
79.5257

■ 30.6224, 17.4752,
25.3736

■ 74.5515, 89.8817,
87.6520

■ 29.1689, 15.5814,
21.7657

■ 75.8758, 90.4114,
94.6259

■ 28.1219, 14.4122,
18.5655

■ 77.2698, 90.9690,
101.9662

■ 27.4827, 13.8382,
16.1808

■ 78.4389, 91.4366,
108.1226

Harmonies

Analogous

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



43.5888, 40.9117, 59.8861



45.5740, 40.9117, 50.2945



45.7010, 40.9117, 40.3852

Triad

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



45.5740, 40.9117, 50.2945



37.4040, 40.9117, 28.5045



34.2456, 40.9117, 58.8046

Complementary

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



45.5740, 40.9117, 50.2945



43.7924, 53.3386, 50.6376

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.



32.7834, 40.9117, 48.9830



45.5740, 40.9117, 50.2945



34.5330, 40.9117, 32.0782

Square

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



45.5740, 40.9117, 50.2945



40.8439, 40.9117, 28.7480



32.8854, 40.9117, 39.2529



36.9904, 40.9117, 65.2748

Rectangle

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



45.5740, 40.9117, 50.2945



44.7035, 40.9117, 34.9697



32.8854, 40.9117, 39.2529



33.5953, 40.9117, 55.7279

Sweetspot

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



45.5752, 40.9135, 50.2954



88.3385, 88.6236, 100.3534



41.7235, 38.6700, 61.7655



18.7900, 18.7698, 21.3266



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.



45.5752, 40.9135, 50.2954



72.9448, 62.9549, 79.4418



43.4789, 40.0750, 39.2566



11.4640, 11.3143, 12.9779



17.5362, 8.8251, 10.5422



0.9427, 0.4705, 0.7439

Inverse Universe

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



45.5752, 40.9135, 50.2954



72.9448, 62.9549, 79.4418



46.1744, 54.2914, 63.1814



11.4640, 11.3143, 12.9779



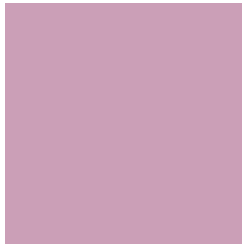
17.5362, 8.8251, 10.5422



0.9427, 0.4705, 0.7439

Previews

White Background



This preview shows how the XYZ color 45.5740, 40.9117, 50.2945 looks on a white background.

Color Contrast Check

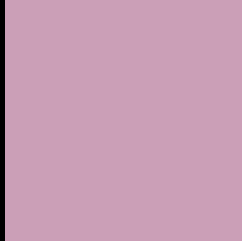
Large Text (above 18pt) WCAG AA × Fail

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 45.5740, 40.9117, 50.2945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

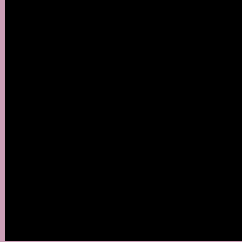
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.5740, 40.9117, 50.2945

Background



This preview shows how black text looks on a background with the XYZ color 45.5740, 40.9117, 50.2945.



This preview shows how white text looks on a background with the XYZ color 45.5740, 40.9117,

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

45.5740, 40.9117, 50.2945

Protanopia

40.0312, 40.9022, 54.5002

Deuteranopia

42.0294, 41.2052, 49.9942



Tritanopia

44.6448, 41.0634, 45.1082

Trichromacy



Original Color

45.5740, 40.9117, 50.2945

Protanomaly

41.6619, 40.6840, 52.6707

Deuteranomaly

43.2048, 41.0047, 49.8935

Tritanomaly

44.8637, 40.8725, 47.1196

Monochromacy



Original Color

45.5740, 40.9117, 50.2945

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

42.2314, 41.9046, 47.9820

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5740, 40.9117, 50.2945 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(203, 159, 183)` looks like.

```
.text, #text, p{  
    color:rgb(203, 159, 183)  
}
```

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(203, 159, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 159, 183) }
```

Border

The CSS property to change the border of an element to XYZ 45.5740, 40.9117, 50.2945 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(203, 159, 183) }
```


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

```
.border{ border-color:rgb(203, 159, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 159, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 159, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 159, 183);  
box-shadow:4px 4px 4px 4px rgb(203, 159,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5740, 40.9117, 50.2945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 159, 183) }
```

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

```
.background{ background-color: rgb(203,  
159, 183) }
```

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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