

Converting Colors

XYZ(45.4457, 40.0395, 63.7257)

Have a look what the booklet for
XYZ(45.4457, 40.0395, 63.7257)
contains.

XYZ(45.4457, 40.0395, 63.7257)	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(45.4457, 40.0395,
63.7257)**

Conversions

Conversions Part 1

Format	Color
Hex	C29DCE
RGB	194, 157, 206
RGB Percent	76%, 62%, 81%
CMY	0.2392, 0.3843, 0.1922
CMYK	0.06, 0.24, 0.00, 0.19
HSL	285°, 33%, 71%
HSV	285°, 24%, 81%
XYZ	45.4457, 40.0395, 63.7257
YIQ	173.6490, 6.3230, 23.0830

Conversions

Conversions Part 2

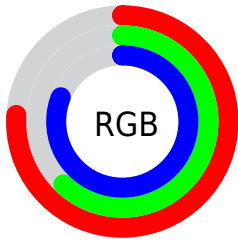
Format	Color
RYB	194, 157, 206
Decimal	12754382
CIELab	69.50, 22.46, -19.88
CIELCh	69, 29.994, 318.475
Yxy	40.0395, 0.3046, 0.2683
Android (android.graphics.Color)	4290944462 (0xFFC29DCE)
YUV	173.6490, 15.9490, 17.8478
Hunter-Lab	63.2768, 17.4653, -15.4169

Details

The XYZ color **45.4457, 40.0395, 63.7257** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.5207, 55.0130, 40.1723**, and the grayscale version is **39.9718, 42.0534, 45.7962**.

A 20% lighter version of the original color is **81.3771, 74.8162, 104.7597**, and **21.5343, 17.9456, 32.0346** is the 20% darker color. If you saturate the color by 10%, you get **40.9774, 32.9919, 62.6015**, and if you desaturate by 10%, it is **50.5480, 48.2883, 65.0496**.

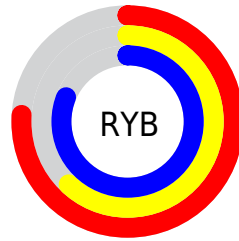
Distribution



Red (76%)

Green (62%)

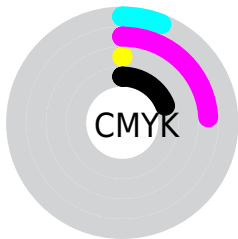
Blue (81%)



Red (76%)

Yellow (62%)

Blue (81%)

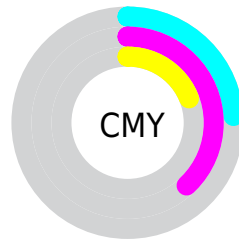


Cyan (6%)

Magenta (24%)

Yellow (0%)

Black (19%)



Cyan (24%)

Magenta (38%)

Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.4457, 40.0395, 63.7257 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 45.4457, 40.0395, 63.7257 by changing the saturation by 10% instead.


 45.4457, 40.0395,
63.7257

 45.4457, 40.0395,
63.7257


359.3291,
346.2900, 456.3787

 32.0114, 27.5693,
45.9838


 82.6218, 75.2237,
111.8115

 21.5258, 18.0013,
31.8844


 107.0943, 98.7065,
142.9924

 13.6235, 10.9509,
21.0092


135.9769,
126.6289, 179.4901

 7.9392, 6.0338,
12.9394

169.6350,
159.3754, 221.7231

 4.1076, 2.8657,
7.2566

208.4339,
197.3304, 270.1099

 1.7632, 1.0620,
3.5422

252.7390,

 0.4953, 0.0000,

240.8782, 325.0690

1.3777

302.9156,
290.4033, 387.0191

■ 0.0000, 0.0000,
0.1242

■ 0.0000, 0.0000,
0.0000

■ 45.4457, 40.0395,
63.7257

■ 45.4457, 40.0395,
63.7257

■ 40.9774, 32.9919,
62.6015

■ 50.5480, 48.2883,
65.0496

■ 37.1095, 27.0814,
61.6645

■ 56.3085, 57.7883,
66.5796

■ 33.8109, 22.2453,
60.9049

■ 62.7544, 68.5926,
68.3253

■ 31.0459, 18.4131,
60.3109

■ 69.9104, 80.7500,
70.2948

■ 28.7744, 15.5053,
59.8694

■ 76.1823, 91.0715,
71.9565

■ 26.9504, 13.4305,
59.5651

■ 77.7254, 91.8670,
72.0287

■ 25.5182, 12.0781,
59.3795

■ 79.3149, 92.6864,
72.1031

■ 24.7643, 11.4795,
59.3037

■ 80.9512, 93.5300,
72.1797

■ 82.6347, 94.3978,
72.2585

Harmonies

Analogous

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



41.0776, 40.0395, 74.0217



45.4457, 40.0395, 63.7257



47.9067, 40.0395, 49.1323

Triad

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



45.4457, 40.0395, 63.7257



39.9432, 40.0395, 22.3737



29.9058, 40.0395, 52.5849

Complementary

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



45.4457, 40.0395, 63.7257



44.5207, 55.0130, 40.1723

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.



29.6582, 40.0395, 38.4924



45.4457, 40.0395, 63.7257



35.1870, 40.0395, 22.9132

Square

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



45.4457, 40.0395, 63.7257



44.5550, 40.0395, 26.5534



31.5148, 40.0395, 28.2265



32.2225, 40.0395, 66.7093

Rectangle

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



45.4457, 40.0395, 63.7257



48.0069, 40.0395, 39.7905



31.5148, 40.0395, 28.2265



29.5855, 40.0395, 47.6371

Sweetspot

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



45.4470, 40.0412, 63.7266



88.0276, 88.3156, 107.0148



39.2813, 40.0951, 64.0619



18.7175, 18.6981, 22.8725



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.



45.4470, 40.0412, 63.7266



69.4722, 58.2736, 102.1941



47.2213, 41.1212, 56.3413



11.4087, 11.2600, 14.1425



15.3405, 7.1159, 36.5212



0.8573, 0.4011, 1.8872

Inverse Universe

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



44.6733, 40.1020, 42.9238



68.1015, 58.4591, 61.8249



43.1623, 54.1857, 45.8450



11.3231, 11.2580, 12.2361



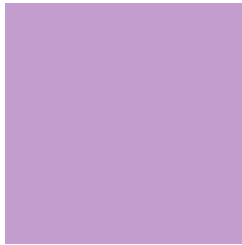
16.0667, 8.2373, 2.8039



0.8599, 0.4374, 0.3081

Previews

White Background



This preview shows how the XYZ color 45.4457, 40.0395, 63.7257 looks on a white background.

Color Contrast Check

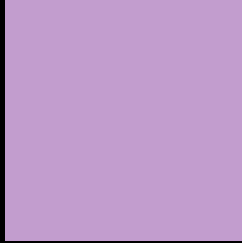
Large Text (above 18pt) WCAG AA × Fail

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 45.4457, 40.0395, 63.7257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

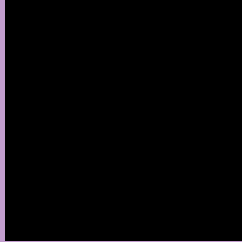
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.4457, 40.0395, 63.7257

Background



This preview shows how black text looks on a background with the XYZ color 45.4457, 40.0395, 63.7257.



This preview shows how white text looks on a background with the XYZ color 45.4457, 40.0395,

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

45.4457, 40.0395, 63.7257

Protanopia

40.4383, 40.2312, 69.2524

Deuteranopia

40.8975, 40.0671, 62.7049



Tritanopia

41.8213, 40.1083, 46.0949

Trichromacy



Original Color

45.4457, 40.0395, 63.7257

Protanomaly

42.0466, 40.0247, 67.1375

Deuteranomaly

42.4767, 40.0671, 63.2526

Tritanomaly

43.0937, 40.1113, 51.9253

Monochromacy



Original Color

45.4457, 40.0395, 63.7257

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.9216, 41.3742, 52.2309

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.4457, 40.0395, 63.7257 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(194, 157, 206)` looks like.

```
.text, #text, p{  
    color:rgb(194, 157, 206)  
}
```

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(194, 157, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 157, 206) }
```

Border

The CSS property to change the border of an element to XYZ 45.4457, 40.0395, 63.7257 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(194, 157, 206) }
```


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

```
.border{ border-color:rgb(194, 157, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 157, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 157, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 157, 206);  
box-shadow:4px 4px 4px 4px rgb(194, 157,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 45.4457, 40.0395, 63.7257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 157, 206) }
```

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

```
.background{ background-color: rgb(194,  
157, 206) }
```

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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