

Converting Colors

XYZ(40.7948, 35.1358, 43.9206)

Have a look what the booklet for
XYZ(40.7948, 35.1358, 43.9206)
contains.

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Color

**XYZ(40.9569, 35.2737,
44.1850)**

Conversions

Conversions Part 1

Format	Color
Hex	C691AD
RGB	198, 145, 173
RGB Percent	78%, 57%, 68%
CMY	0.2235, 0.4314, 0.3216
CMYK	0.00, 0.27, 0.13, 0.22
HSL	328°, 32%, 67%
HSV	328°, 27%, 78%
XYZ	40.9569, 35.2737, 44.1850
YIQ	164.0390, 22.6000, 19.9440

Conversions

Conversions Part 2

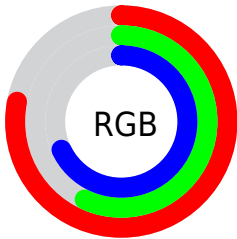
Format	Color
R_{YB}	198, 145, 173
Decimal	13013421
CIE _{Lab}	65.96, 24.38, -6.76
CIE _{LCh}	66, 25.297, 344.506
Yxy	35.2737, 0.3401, 0.2929
Android (android.graphics.Color)	4291203501 (0xFFC691AD)
YUV	164.0390, 4.4178, 29.7838
Hunter-Lab	59.3917, 19.1594, -2.5352

Details

The XYZ color **40.9569, 35.2737, 44.1850** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **39.1283, 49.3111, 45.4882**, and the grayscale version is **35.2781, 37.1153, 40.4186**.

A 20% lighter version of the original color is **75.6670, 67.7083, 82.4797**, and **18.7816, 15.2255, 20.0381** is the 20% darker color. If you saturate the color by 10%, you get **37.3187, 29.3931, 38.6680**, and if you desaturate by 10%, it is **45.1877, 42.2373, 50.2121**.

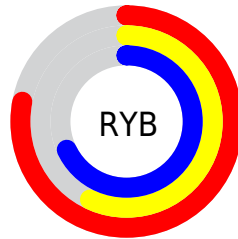
Distribution



Red (78%)

Green (57%)

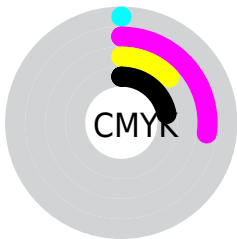
Blue (68%)



Red (78%)

Yellow (57%)

Blue (68%)

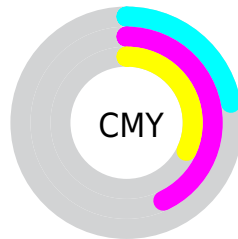


Cyan (0%)

Magenta (27%)

Yellow (13%)

Black (22%)



Cyan (22%)


Magenta (43%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.9569, 35.2737, 44.1850 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 40.9569, 35.2737, 44.1850 by changing the saturation by 10% instead.


 40.9569, 35.2737,
44.1850


 40.9569, 35.2737,
44.1850

341.2061,
325.7748, 379.5261

 28.4729, 23.8738,
30.4777


 75.8936, 67.9096,
82.8015

 18.8247, 15.2400,
19.9463


 99.0770, 89.9143,
108.5478

 11.6470, 8.9880,
12.1724


126.5576,
116.2227, 139.1441

 6.5742, 4.7334,
6.7372

158.7008,
147.2193, 175.0091

 3.2412, 2.0917,
3.2224

195.8719,
183.2884, 216.5613

 1.2826, 0.6599,
1.2093

238.4362,

 0.1701, 0.0000,

224.8144, 264.2191

0.0000

286.7592,
272.1818, 318.4012

■ 0.0000, 0.0000,
0.0000

■ 40.9569, 35.2737,
44.1850

■ 40.9569, 35.2737,
44.1850

■ 37.3187, 29.3931,
38.6680

■ 45.1877, 42.2373,
50.2121

■ 34.2412, 24.5354,
33.6430

■ 50.0345, 50.3304,
56.7620

■ 31.6945, 20.6422,
29.0939

■ 55.5233, 59.6025,
63.8498

■ 29.6441, 17.6468,
25.0023

■ 61.6777, 70.0987,
71.4892

■ 28.0513, 15.4743,
21.3485

■ 68.5200, 81.8619,
79.6932

■ 26.8713, 14.0371,
18.1102

■ 73.1977, 89.1854,
87.5165

■ 26.0449, 13.2195,
15.2602

■ 74.5378, 89.7214,
94.5736

■ 25.8180, 13.0175,
14.4083

■ 75.9492, 90.2860,
102.0059

■ 77.0989, 90.7459,
108.0599

Harmonies

Analogous

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



38.8328, 35.2737, 55.0754



40.9569, 35.2737, 44.1850



40.9937, 35.2737, 33.4689

Triad

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



40.9569, 35.2737, 44.1850



31.7548, 35.2737, 21.6991



28.6480, 35.2737, 54.7559

Complementary

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



40.9569, 35.2737, 44.1850



39.1283, 49.3111, 45.4882

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.



27.0262, 35.2737, 43.8086



40.9569, 35.2737, 44.1850



28.7272, 35.2737, 25.4949

Square

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



40.9569, 35.2737, 44.1850



35.4876, 35.2737, 21.7621



27.0541, 35.2737, 33.1562



31.6392, 35.2737, 61.9099

Rectangle

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



40.9569, 35.2737, 44.1850



39.8188, 35.2737, 27.8674



27.0541, 35.2737, 33.1562



27.9349, 35.2737, 51.3166

Sweetspot

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



40.9579, 35.2753, 44.1857



87.3729, 87.0635, 98.8879



36.8398, 32.8462, 57.8247



18.4104, 18.1475, 20.7781



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.



40.9579, 35.2753, 44.1857



68.7207, 56.2849, 72.5519



38.6635, 34.3575, 32.1037



10.8640, 10.7290, 12.2673



16.8336, 8.4830, 9.5995



0.8335, 0.4162, 0.6462

Inverse Universe

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



40.9579, 35.2753, 44.1857



68.7207, 56.2849, 72.5519



41.8626, 50.4048, 59.8871



10.8640, 10.7290, 12.2673



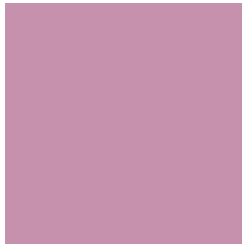
16.8336, 8.4830, 9.5995



0.8335, 0.4162, 0.6462

Previews

White Background



This preview shows how the XYZ color 40.9569, 35.2737, 44.1850 looks on a white background.

Color Contrast Check

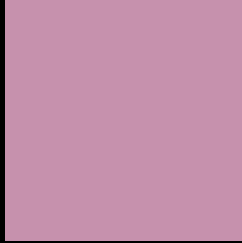
Large Text (above 18pt) WCAG AA × Fail

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 40.9569, 35.2737, 44.1850 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 40.9569, 35.2737, 44.1850

Background



This preview shows how black text looks on a background with the XYZ color 40.9569, 35.2737, 44.1850.



This preview shows how white text looks on a background with the XYZ color 40.9569, 35.2737,

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

40.9569, 35.2737, 44.1850

Protanopia

34.7463, 35.3418, 49.2463

Deuteranopia

36.0337, 35.3751, 43.4570



Tritanopia

39.4567, 35.1064, 37.4975

Trichromacy



Original Color

40.9569, 35.2737, 44.1850

Protanomaly

36.7055, 35.1365, 47.4953

Deuteranomaly

37.7307, 35.2588, 43.8467

Tritanomaly

40.0057, 35.1084, 39.7900

Monochromacy



Original Color

40.9569, 35.2737, 44.1850

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.9365, 36.1341, 41.5870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9569, 35.2737, 44.1850 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(198, 145, 173)` looks like.

```
.text, #text, p{  
    color:rgb(198, 145, 173)  
}
```

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(198, 145, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 145, 173) }
```

Border

The CSS property to change the border of an element to XYZ 40.9569, 35.2737, 44.1850 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(198, 145, 173) }
```


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

```
.border{ border-color:rgb(198, 145, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 145, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 145, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 145, 173); box-shadow:4px 4px 4px 4px rgb(198, 145, 173) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9569, 35.2737, 44.1850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 145, 173) }
```

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

```
.background{ background-color: rgb(198,  
145, 173) }
```

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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