

Converting Colors

XYZ(40.6168, 32.0626, 54.3589)

Have a look what the booklet for
XYZ(40.6168, 32.0626, 54.3589)
contains.

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Color

**XYZ(40.6419, 32.0885,
54.5037)**

Conversions

Conversions Part 1

Format	Color
Hex	C484C1
RGB	196, 132, 193
RGB Percent	77%, 52%, 76%
CMY	0.2314, 0.4823, 0.2431
CMYK	0.00, 0.33, 0.02, 0.23
HSL	303°, 35%, 64%
HSV	303°, 33%, 77%
XYZ	40.6419, 32.0885, 54.5037
YIQ	158.0900, 18.5630, 32.5390

Conversions

Conversions Part 2

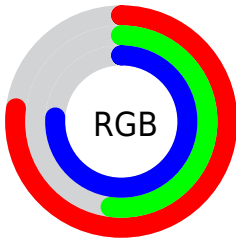
Format	Color
RYB	196, 132, 193
Decimal	12879041
CIELab	63.42, 34.38, -21.88
CIELCh	63, 40.748, 327.529
Yxy	32.0885, 0.3194, 0.2522
Android (android.graphics.Color)	4291069121 (0xFFC484C1)
YUV	158.0900, 17.2106, 33.2471
Hunter-Lab	56.6467, 28.9353, -17.3943

Details

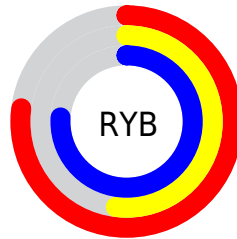
The XYZ color **40.6419, 32.0885, 54.5037** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **33.6302, 46.1359, 30.0561**, and the grayscale version is **32.4595, 34.1500, 37.1893**.

A 20% lighter version of the original color is **75.3222, 62.9026, 98.6140**, and **18.5871, 13.4117, 26.0352** is the 20% darker color. If you saturate the color by 10%, you get **38.1277, 27.2231, 53.1617**, and if you desaturate by 10%, it is **43.6581, 37.9557, 56.0169**.

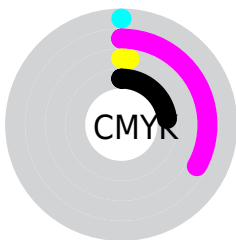
Distribution



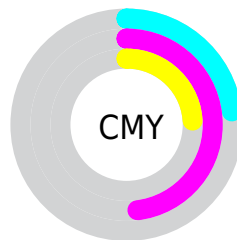
- Red (77%)
- Green (52%)
- Blue (76%)



- Red (77%)
- Yellow (52%)
- Blue (76%)



- Cyan (0%)
- Magenta (33%)
- Yellow (2%)
- Black (23%)





- Cyan (23%)
- Magenta (48%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.6419, 32.0885, 54.5037 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 40.6419, 32.0885, 54.5037 by changing the saturation by 10% instead.

 40.6419, 32.0885,
54.5037

 40.6419, 32.0885,
54.5037


339.9099,
311.5222, 421.2567


 28.2258, 21.4291,
38.6086


 75.4181, 62.9498,
98.2773

 18.6373, 13.4380,
26.1499


 98.5090, 83.9205,
126.9928

 11.5109, 7.7309,
16.7090


 125.8888,
109.0971, 160.8189

 6.4814, 3.9232,
9.8675

157.9230,
138.8640, 200.1741

 3.1834, 1.6307,
5.2067

194.9768,
173.6055, 245.4769

 1.2515, 0.3782,
2.3082

237.4157,

 0.1464, 0.0000,

213.7061, 297.1459

0.7358

285.6049,
259.5502, 355.5997

■ 0.0000, 0.0000,
0.0000

■ 40.6419, 32.0885,
54.5037

■ 40.6419, 32.0885,
54.5037

■ 38.1277, 27.2231,
53.1617

■ 43.6581, 37.9557,
56.0169

■ 36.0844, 23.2990,
51.9794

■ 47.1990, 44.8719,
57.7078

■ 34.4822, 20.2562,
50.9473

■ 51.2899, 52.8869,
59.5851

■ 33.2867, 18.0258,
50.0539

■ 55.9531, 62.0457,
61.6564

■ 32.4584, 16.5286,
49.2860

■ 61.2101, 72.3910,
63.9288

■ 31.9497, 15.6697,
48.6278

■ 67.0810, 83.9631,
66.4091

■ 31.7148, 15.3157,
48.1924

■ 68.8847, 87.3997,
67.5367

■ 68.9920, 87.4426,
68.1021

■ 69.1000, 87.4858,
68.6709

Harmonies

Analogous

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



35.8154, 32.0885, 70.5423



40.6419, 32.0885, 54.5037



42.7262, 32.0885, 36.3010

Triad

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



40.6419, 32.0885, 54.5037



30.9711, 32.0885, 12.1222



21.8243, 32.0885, 51.4305

Complementary

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



40.6419, 32.0885, 54.5037



33.6302, 46.1359, 30.0561

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.



20.8604, 32.0885, 33.6114



40.6419, 32.0885, 54.5037



25.7369, 32.0885, 13.9353

Square

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



40.6419, 32.0885, 54.5037



36.7283, 32.0885, 14.6767



22.2021, 32.0885, 20.7254



25.0174, 32.0885, 68.4159

Rectangle

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



40.6419, 32.0885, 54.5037



42.1087, 32.0885, 26.3607



22.2021, 32.0885, 20.7254



21.2475, 32.0885, 45.2014

Sweetspot

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



40.6429, 32.0899, 54.5044



87.2559, 84.7190, 105.3552



28.0692, 25.5689, 55.6814



18.4599, 17.7097, 22.4498



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.



40.6429, 32.0899, 54.5044



70.3613, 51.8095, 97.0114



37.5272, 30.8436, 38.0972



10.4762, 10.2391, 12.5984



20.3870, 9.8445, 31.0134



0.8873, 0.4279, 1.3737

Inverse Universe

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



40.6429, 32.0899, 54.5044



70.3613, 51.8095, 97.0114



36.1521, 47.1446, 43.3363



10.4762, 10.2391, 12.5984



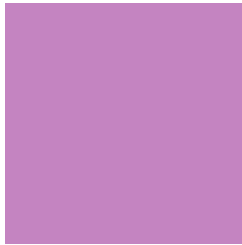
20.3870, 9.8445, 31.0134



0.8873, 0.4279, 1.3737

Previews

White Background



This preview shows how the XYZ color 40.6419, 32.0885, 54.5037 looks on a white background.

Color Contrast Check

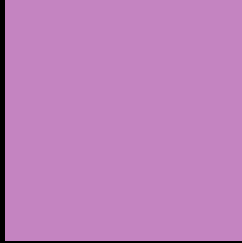
Large Text (above 18pt) WCAG AA × Fail

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 40.6419, 32.0885, 54.5037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

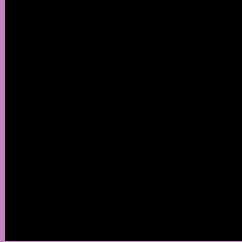
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.6419, 32.0885, 54.5037

Background



This preview shows how black text looks on a background with the XYZ color 40.6419, 32.0885, 54.5037.



This preview shows how white text looks on a background with the XYZ color 40.6419, 32.0885,

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

40.6419, 32.0885, 54.5037

Protanopia

33.0946, 32.4138, 64.1867

Deuteranopia

33.1234, 32.4302, 53.2291



Tritanopia

36.1992, 31.9377, 33.5348

Trichromacy



Original Color

40.6419, 32.0885, 54.5037

Protanomaly

35.2030, 31.9335, 60.8083

Deuteranomaly

35.3136, 31.9236, 53.5909

Tritanomaly

37.5668, 31.8510, 40.2443

Monochromacy



Original Color

40.6419, 32.0885, 54.5037

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

35.1114, 33.2058, 43.0869

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6419, 32.0885, 54.5037 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(196, 132, 193)` looks like.

```
.text, #text, p{  
    color:rgb(196, 132, 193)  
}
```

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(196, 132, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 132, 193) }
```

Border

The CSS property to change the border of an element to XYZ 40.6419, 32.0885, 54.5037 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(196, 132, 193) }
```


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

```
.border{ border-color:rgb(196, 132, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 132, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 132, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 132, 193);  
box-shadow:4px 4px 4px 4px rgb(196, 132,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6419, 32.0885, 54.5037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 132, 193) }
```

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

```
.background{ background-color: rgb(196,  
132, 193) }
```

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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