

Converting Colors

XYZ(39.6455, 32.4255, 44.8785)

Have a look what the booklet for
XYZ(39.6455, 32.4255, 44.8785)
contains.

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Color

**XYZ(39.6905, 32.4289,
44.7249)**

Conversions

Conversions Part 1

Format	Color
Hex	C687AF
RGB	198, 135, 175
RGB Percent	78%, 53%, 69%
CMY	0.2235, 0.4706, 0.3137
CMYK	0.00, 0.32, 0.12, 0.22
HSL	322°, 36%, 65%
HSV	322°, 32%, 78%
XYZ	39.6905, 32.4289, 44.7249
YIQ	158.3970, 24.7080, 25.7960

Conversions

Conversions Part 2

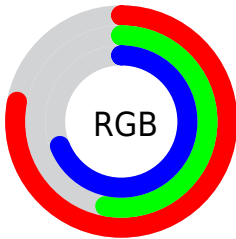
Format	Color
RYB	198, 135, 175
Decimal	13010863
CIELab	63.70, 30.21, -11.26
CIELCh	64, 32.241, 339.550
Yxy	32.4289, 0.3397, 0.2775
Android (android.graphics.Color)	4291200943 (0xFFC687AF)
YUV	158.3970, 8.1853, 34.7318
Hunter-Lab	56.9464, 24.7548, -6.7031

Details

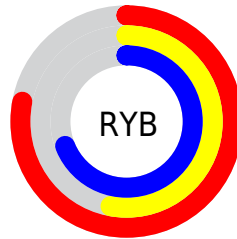
The XYZ color **39.6905, 32.4289, 44.7249** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **36.3587, 48.0085, 39.7002**, and the grayscale version is **32.6366, 34.3363, 37.3922**.

A 20% lighter version of the original color is **73.8614, 63.4247, 83.9506**, and **18.0732, 13.6103, 20.4134** is the 20% darker color. If you saturate the color by 10%, you get **36.4896, 27.1328, 40.2483**, and if you desaturate by 10%, it is **43.4451, 38.7706, 49.5743**.

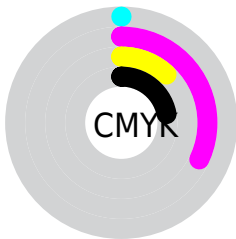
Distribution



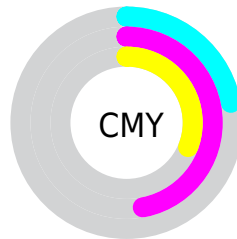
- Red (78%)
- Green (53%)
- Blue (69%)



- Red (78%)
- Yellow (53%)
- Blue (69%)



- Cyan (0%)
- Magenta (32%)
- Yellow (12%)
- Black (22%)




- Cyan (22%)
- Magenta (47%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.6905, 32.4289, 44.7249 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 39.6905, 32.4289, 44.7249 by changing the saturation by 10% instead.


 39.6905, 32.4289,
44.7249


 39.6905, 32.4289,
44.7249


335.9742,
313.0684, 381.7858

 27.4804, 21.6893,
30.8994

 73.9793, 63.4829,
83.6215

 18.0728, 13.6288,
20.2645


 96.7888, 84.5660,
109.5297

 11.1023, 7.8629,
12.4014


 123.8622,
109.8658, 140.3026

 6.2035, 4.0074,
6.8918

155.5647,
139.7667, 176.3587

 3.0110, 1.6777,
3.3171

192.2618,
174.6530, 218.1165

 1.1596, 0.4091,
1.2588

234.3189,

 0.0741, 0.0000,

214.9091, 265.9946

0.0276

282.1012,
260.9195, 320.4115

■ 0.0000, 0.0000,
0.0000

■ 39.6905, 32.4289,
44.7249

■ 39.6905, 32.4289,
44.7249

■ 36.4896, 27.1328,
40.2483

■ 43.4451, 38.7706,
49.5743

■ 33.8104, 22.8205,
36.1300

■ 47.7773, 46.2064,
54.8063

■ 31.6219, 19.4307,
32.3569


■ 52.7133, 54.7870,
60.4327


■ 29.8885, 16.8933,
28.9141


■ 58.2765, 64.5586,
66.4641


■ 28.5695, 15.1277,
25.7850


■ 64.4894, 75.5650,
72.9105


 27.6165, 14.0383,
22.9502

 71.3730, 87.8476,
79.7818

 27.0361, 13.5047,
20.8225

 72.7220, 88.9951,
85.0119

 73.7330, 89.3995,
90.3355

 74.7862, 89.8208,
95.8819

Harmonies

Analogous

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



36.6857, 32.4289, 58.1509



39.6905, 32.4289, 44.7249



40.1976, 32.4289, 31.3442

Triad

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



39.6905, 32.4289, 44.7249



29.4051, 32.4289, 16.0330



24.6035, 32.4289, 53.6185

Complementary

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



39.6905, 32.4289, 44.7249



36.3587, 48.0085, 39.7002

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.



23.0320, 32.4289, 39.5960



39.6905, 32.4289, 44.7249



25.6202, 32.4289, 19.4029

Square

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



39.6905, 32.4289, 44.7249



33.9554, 32.4289, 16.7657



23.3851, 32.4289, 27.3180



27.8888, 32.4289, 64.0935

Rectangle

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



39.6905, 32.4289, 44.7249



39.0057, 32.4289, 24.4152



23.3851, 32.4289, 27.3180



23.8726, 32.4289, 49.0410

Sweetspot

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



39.6915, 32.4304, 44.7256



85.9848, 84.2105, 98.6618



32.7728, 28.5801, 57.2156



18.1508, 17.5861, 20.8222



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.



39.6915, 32.4304, 44.7256



66.3521, 50.8951, 73.7743



37.0224, 31.3627, 30.6703



10.9124, 10.7484, 12.5222



17.6244, 8.7993, 13.7641



0.8685, 0.4302, 0.8304

Inverse Universe

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



39.6915, 32.4304, 44.7256



66.3521, 50.8951, 73.7743



39.3233, 49.1944, 55.3120



10.9124, 10.7484, 12.5222



17.6244, 8.7993, 13.7641



0.8685, 0.4302, 0.8304

Previews

White Background



This preview shows how the XYZ color 39.6905, 32.4289, 44.7249 looks on a white background.

Color Contrast Check

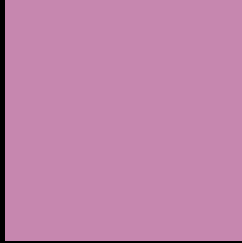
Large Text (above 18pt) WCAG AA × Fail

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 39.6905, 32.4289, 44.7249 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 39.6905, 32.4289, 44.7249

Background



This preview shows how black text looks on a background with the XYZ color 39.6905, 32.4289, 44.7249.



This preview shows how white text looks on a background with the XYZ color 39.6905, 32.4289,

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

39.6905, 32.4289, 44.7249

Protanopia

32.3935, 32.5734, 51.5937

Deuteranopia

33.2530, 32.4726, 43.5449



Tritanopia

37.3888, 32.5603, 33.1683

Trichromacy



Original Color

39.6905, 32.4289, 44.7249

Protanomaly

34.5520, 32.0837, 49.1714

Deuteranomaly

35.3474, 32.3819, 43.9225

Tritanomaly

38.1114, 32.4159, 37.0491

Monochromacy



Original Color

39.6905, 32.4289, 44.7249

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

34.8408, 33.3773, 39.7281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6905, 32.4289, 44.7249 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, 135, 175)` looks like.

```
.text, #text, p{  
    color:rgb(198, 135, 175)  
}
```

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, 135, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 135, 175) }
```

Border

The CSS property to change the border of an element to XYZ 39.6905, 32.4289, 44.7249 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, 135, 175) }
```


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

```
.border{ border-color:rgb(198, 135, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 135, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 135, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 135, 175);  
box-shadow:4px 4px 4px 4px rgb(198, 135,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6905, 32.4289, 44.7249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 135, 175) }
```

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

```
.background{ background-color: rgb(198,  
135, 175) }
```

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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