

Converting Colors

XYZ(39.9085, 32.1134, 55.7171)

Have a look what the booklet for
XYZ(39.9085, 32.1134, 55.7171)
contains.

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Color

**XYZ(39.8613, 32.0667,
55.7183)**

Conversions

Conversions Part 1

Format	Color
Hex	BF86C3
RGB	191, 134, 195
RGB Percent	75%, 53%, 76%
CMY	0.2510, 0.4745, 0.2353
CMYK	0.02, 0.31, 0.00, 0.24
HSL	296°, 34%, 65%
HSV	296°, 31%, 76%
XYZ	39.8613, 32.0667, 55.7183
YIQ	157.9970, 14.3910, 31.0550

Conversions

Conversions Part 2

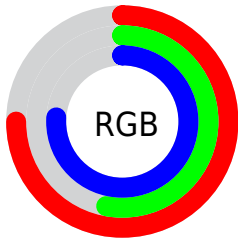
Format	Color
R _Y B	191, 134, 195
Decimal	12551875
CIE Lab	63.40, 32.03, -23.08
CIE LCh	63, 39.477, 324.225
Yxy	32.0667, 0.3123, 0.2512
Android (android.graphics.Color)	4290741955 (0xFFBF86C3)
YUV	157.9970, 18.2425, 28.9436
Hunter-Lab	56.6275, 26.5519, -18.6989

Details

The XYZ color **39.8613, 32.0667, 55.7183** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **34.3005, 46.1555, 29.6569**, and the grayscale version is **32.4143, 34.1023, 37.1374**.

A 20% lighter version of the original color is **74.2653, 62.9512, 100.3320**, and **18.2175, 13.4280, 26.8310** is the 20% darker color. If you saturate the color by 10%, you get **37.0908, 27.0004, 54.8869**, and if you desaturate by 10%, it is **43.1336, 38.1311, 56.7169**.

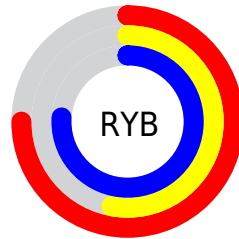
Distribution



Red (75%)

Green (53%)

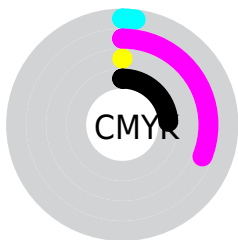
Blue (76%)



Red (75%)

Yellow (53%)

Blue (76%)

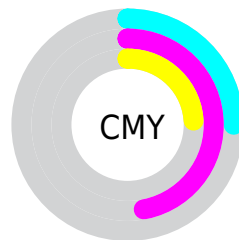


Cyan (2%)

Magenta (31%)

Yellow (0%)

Black (24%)



Cyan (25%)


Magenta (47%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.8613, 32.0667, 55.7183 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 39.8613, 32.0667, 55.7183 by changing the saturation by 10% instead.


 39.8613, 32.0667,
55.7183


 39.8613, 32.0667,
55.7183

336.6831,
311.4230, 425.9875


 27.6141, 21.4125,
39.5746


 74.2379, 62.9156,
100.0743

 18.1740, 13.4258,
26.8958


 97.0981, 83.8791,
129.1236

 11.1754, 7.7224,
17.2632


 124.2267,
109.0478, 163.3120

 6.2531, 3.9178,
10.2584

155.9891,
138.8061, 203.0579

 3.0417, 1.6277,
5.4628

192.7505,
173.5383, 248.7798

 1.1759, 0.3762,
2.4578

234.8765,

 0.0872, 0.0000,

213.6290, 300.8964

0.8177

282.7322,
259.4624, 359.8261

■ 0.0000, 0.0000,
0.0000

■ 39.8613, 32.0667,
55.7183

■ 39.8613, 32.0667,
55.7183

■ 37.0908, 27.0004,
54.8869

■ 43.1336, 38.1311,
56.7169

■ 34.7917, 22.8732,
54.2114

■ 46.9298, 45.2400,
57.8889

■ 32.9349, 19.6267,
53.6827

■ 51.2746, 53.4418,
59.2430

■ 31.4871, 17.1939,
53.2894

■ 56.1901, 62.7807,
60.7866

■ 30.4100, 15.4983,
53.0189

■ 61.6971, 73.2985,
62.5264

■ 29.6580, 14.4490,
52.8560

■ 67.8155, 85.0349,
64.4693

■ 29.1927, 13.9115,
52.7768

■ 69.4168, 87.7328,
64.9057

■ 69.7596, 87.9095,
64.9217

■ 70.1053, 88.0877,
64.9379

Harmonies

Analogous

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



35.0142, 32.0667, 70.3408



39.8613, 32.0667, 55.7183



42.2224, 32.0667, 38.0438

Triad

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



39.8613, 32.0667, 55.7183



31.5521, 32.0667, 12.6602



21.8364, 32.0667, 48.8337

Complementary

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



39.8613, 32.0667, 55.7183



34.3005, 46.1555, 29.6569

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.



21.1431, 32.0667, 31.9630



39.8613, 32.0667, 55.7183



26.3524, 32.0667, 13.9780

Square

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



39.8613, 32.0667, 55.7183



37.0695, 32.0667, 15.6950



22.6972, 32.0667, 20.0662



24.7190, 32.0667, 65.6029

Rectangle

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



39.8613, 32.0667, 55.7183



41.8880, 32.0667, 28.0063



22.6972, 32.0667, 20.0662



21.3552, 32.0667, 42.8760

Sweetspot

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



39.8623, 32.0681, 55.7190



85.6331, 84.0019, 104.1704



28.7812, 27.2061, 55.3646



18.5117, 17.9418, 22.7374



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.



39.8623, 32.0681, 55.7190



67.6801, 50.6302, 98.6753



38.1526, 31.5020, 41.3939



10.4300, 10.2128, 12.7064



19.0014, 9.0560, 34.3031



0.8410, 0.4016, 1.4831

Inverse Universe

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



35.6193, 30.4887, 28.0537



58.8775, 47.3686, 40.6004



35.7309, 46.6526, 40.5797



10.0994, 10.0884, 10.6139



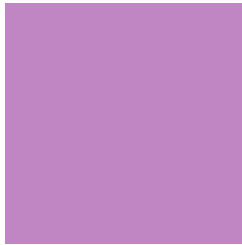
14.6852, 7.5638, 0.9886



0.6439, 0.3306, 0.0923

Previews

White Background



This preview shows how the XYZ color 39.8613, 32.0667, 55.7183 looks on a white background.

Color Contrast Check

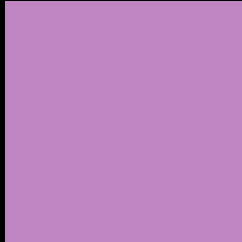
Large Text (above 18pt) WCAG AA × Fail

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 39.8613, 32.0667, 55.7183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

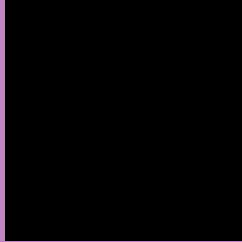
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.8613, 32.0667, 55.7183

Background



This preview shows how black text looks on a background with the XYZ color 39.8613, 32.0667, 55.7183.



This preview shows how white text looks on a background with the XYZ color 39.8613, 32.0667,

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

39.8613, 32.0667, 55.7183

Protanopia

33.0946, 32.4138, 64.1867

Deuteranopia

32.9755, 32.3285, 54.3712



Tritanopia

35.4304, 31.9602, 34.4385

Trichromacy



Original Color

39.8613, 32.0667, 55.7183

Protanomaly

34.8095, 31.7307, 60.7899

Deuteranomaly

35.0609, 31.9936, 54.7795

Tritanomaly

36.7940, 31.8572, 41.2556

Monochromacy



Original Color

39.8613, 32.0667, 55.7183

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

34.6757, 32.9812, 43.0665

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8613, 32.0667, 55.7183 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(191, 134, 195)` looks like.

```
.text, #text, p{  
    color:rgb(191, 134, 195)  
}
```

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(191, 134, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 134, 195) }
```

Border

The CSS property to change the border of an element to XYZ 39.8613, 32.0667, 55.7183 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(191, 134, 195) }
```


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

```
.border{ border-color:rgb(191, 134, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 134, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 134, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 134, 195);  
box-shadow:4px 4px 4px 4px rgb(191, 134,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8613, 32.0667, 55.7183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 134, 195) }
```

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

```
.background{ background-color: rgb(191,  
134, 195) }
```

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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