

Converting Colors

XYZ(39.2483, 32.3507, 40.7977)

Have a look what the booklet for
XYZ(39.2483, 32.3507, 40.7977)
contains.

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Color

**XYZ(39.1922, 32.2601,
40.7204)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C787A7 |
| RGB | 199, 135, 167 |
| RGB Percent | 78%, 53%, 65% |
| CMY | 0.2196, 0.4706, 0.3451 |
| CMYK | 0.00, 0.32, 0.16, 0.22 |
| HSL | 330°, 36%, 65% |
| HSV | 330°, 32%, 78% |
| XYZ | 39.1922, 32.2601, 40.7204 |
| YIQ | 157.7840, 27.8720, 23.5200 |

Conversions

Conversions Part 2

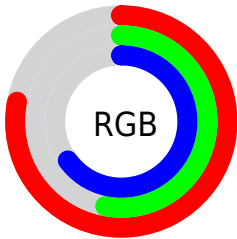
| Format | Color |
|-------------------------------------|--|
| RYB | 199, 135, 167 |
| Decimal | 13076391 |
| CIELab | 63.56, 29.24, -6.93 |
| CIELCh | 64, 30.045, 346.671 |
| Yxy | 32.2601, 0.3494, 0.2876 |
| Android (android.graphics.Color) | 4291266471 (0xFFC787A7) |
| YUV | 157.7840, 4.5435, 36.1464 |
| Hunter-Lab | 56.7980, 23.7736, -2.7484 |

Details

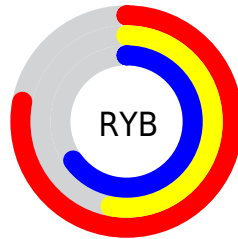
The XYZ color **39.1922, 32.2601, 40.7204** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **37.3915, 48.7886, 44.0079**, and the grayscale version is **32.3736, 34.0596, 37.0909**.

A 20% lighter version of the original color is **72.6224, 62.9291, 77.4262**, and **17.7664, 13.5077, 17.8905** is the 20% darker color. If you saturate the color by 10%, you get **35.7861, 26.8636, 35.2199**, and if you desaturate by 10%, it is **43.1899, 38.7257, 46.7681**.

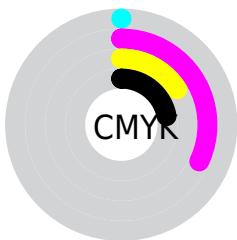
Distribution



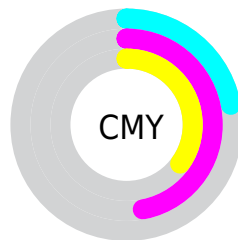
- Red (78%)
- Green (53%)
- Blue (65%)



- Red (78%)
- Yellow (53%)
- Blue (65%)



- Cyan (0%)
- Magenta (32%)
- Yellow (16%)
- Black (22%)





- Cyan (22%)
- Magenta (47%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.1922, 32.2601, 40.7204 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 39.1922, 32.2601, 40.7204 by changing the saturation by 10% instead.


 39.1922, 32.2601,
40.7204


 39.1922, 32.2601,
40.7204

333.9001,
312.3024, 364.7926


 27.0907, 21.5602,
27.7826


 73.2240, 63.2186,
77.5083

 17.7783, 13.5341,
17.9242


 95.8851, 84.2461,
102.1955

 10.8896, 7.7974,
10.7267


 122.7966,
109.4849, 131.6363

 6.0594, 3.9656,
5.7715

154.3241,
139.3193, 166.2492

 2.9222, 1.6543,
2.6401

190.8328,
174.1340, 206.4528

 1.1128, 0.3938,
0.9131

232.6881,

 0.0358, 0.0000,

214.3131, 252.6655

0.0000

280.2554,
260.2411, 305.3059

■ 0.0000, 0.0000,
0.0000

■ 39.1922, 32.2601,
40.7204

■ 39.1922, 32.2601,
40.7204

■ 35.7861, 26.8636,
35.2199

■ 43.1899, 38.7257,
46.7681

■ 32.9383, 22.4733,
30.2465

■ 47.8046, 46.3100,
53.3779

■ 30.6162, 19.0262,
25.7818


■ 53.0636, 55.0649,
60.5667


■ 28.7825, 16.4507,
21.8048


■ 58.9918, 65.0376,
68.3498


■ 27.3948, 14.6644,
18.2928


■ 65.6126, 76.2729,
76.7420


 26.4023, 13.5690,
15.2196

 72.9483, 88.8131,
85.7573

 25.8292, 13.0525,
13.0867

 74.5490, 89.7565,
93.2524

 76.0410, 90.3533,
101.1092

 77.3633, 90.8822,
108.0723

Harmonies

Analogous

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



36.9065, 32.2601, 53.4640



39.1922, 32.2601, 40.7204



39.0491, 32.2601, 28.9116

Triad

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



39.1922, 32.2601, 40.7204



28.4079, 32.2601, 17.3294



25.4578, 32.2601, 54.7332

Complementary

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



39.1922, 32.2601, 40.7204



37.3915, 48.7886, 44.0079

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.



23.5714, 32.2601, 42.1720



39.1922, 32.2601, 40.7204



25.1653, 32.2601, 21.5486

Square

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



39.1922, 32.2601, 40.7204



32.5581, 32.2601, 17.1128



23.4695, 32.2601, 30.0686



28.8415, 32.2601, 62.7128

Rectangle

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



39.1922, 32.2601, 40.7204



37.5915, 32.2601, 23.0656



23.4695, 32.2601, 30.0686



24.6416, 32.2601, 50.7924

Sweetspot

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



39.1931, 32.2616, 40.7211



85.4623, 84.0015, 95.9104



34.9105, 29.6687, 57.9198



18.0244, 17.5355, 20.1562



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.



39.1931, 32.2616, 40.7211



64.1054, 49.3071, 64.0685



36.5915, 31.2209, 27.0212



10.8513, 10.7239, 12.2003



16.6529, 8.4107, 8.6479



0.8251, 0.4129, 0.6020

Inverse Universe

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



39.1931, 32.2616, 40.7211



64.1054, 49.3071, 64.0685



40.7249, 50.1220, 61.5612



10.8513, 10.7239, 12.2003



16.6529, 8.4107, 8.6479



0.8251, 0.4129, 0.6020

Previews

White Background



This preview shows how the XYZ color 39.1922, 32.2601, 40.7204 looks on a white background.

Color Contrast Check

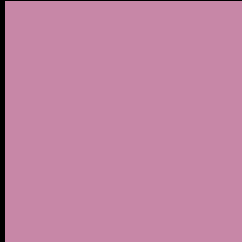
Large Text (above 18pt) WCAG AA × Fail

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 39.1922, 32.2601, 40.7204 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 39.1922, 32.2601, 40.7204

Background



This preview shows how black text looks on a background with the XYZ color 39.1922, 32.2601, 40.7204.



This preview shows how white text looks on a background with the XYZ color 39.1922, 32.2601,

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

39.1922, 32.2601, 40.7204

Protanopia

32.0048, 32.4808, 46.7021

Deuteranopia

33.1242, 32.4924, 39.6478



Tritanopia

37.5393, 32.2172, 32.6738

Trichromacy



Original Color

39.1922, 32.2601, 40.7204

Protanomaly

34.0673, 31.9386, 44.4136

Deuteranomaly

35.0484, 32.3145, 39.9874

Tritanomaly

38.2351, 32.2974, 35.6713

Monochromacy



Original Color

39.1922, 32.2601, 40.7204

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

34.5729, 33.2701, 38.3178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1922, 32.2601, 40.7204 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(199, 135, 167)` looks like.

```
.text, #text, p{  
    color:rgb(199, 135, 167)  
}
```

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(199, 135, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 135, 167) }
```

Border

The CSS property to change the border of an element to XYZ 39.1922, 32.2601, 40.7204 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(199, 135, 167) }
```


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

```
.border{ border-color:rgb(199, 135, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 135, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 135, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 135, 167);  
box-shadow:4px 4px 4px 4px rgb(199, 135,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1922, 32.2601, 40.7204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 135, 167) }
```

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

```
.background{ background-color: rgb(199,  
135, 167) }
```

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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