

Converting Colors

XYZ(32.8968, 19.7810, 40.3676)

Have a look what the booklet for
XYZ(32.8968, 19.7810, 40.3676)
contains.

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Color

**XYZ(32.8254, 19.7081,
40.6020)**

Conversions

Conversions Part 1

Format	Color
Hex	C54AAB
RGB	197, 74, 171
RGB Percent	77%, 29%, 67%
CMY	0.2274, 0.7098, 0.3294
CMYK	0.00, 0.62, 0.13, 0.23
HSL	313°, 51%, 53%
HSV	313°, 62%, 77%
XYZ	32.8254, 19.7081, 40.6020
YIQ	121.8350, 42.1710, 56.2430

Conversions

Conversions Part 2

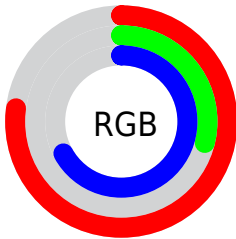
Format	Color
R_{YB}	197, 74, 171
Decimal	12929707
CIE _{Lab}	51.51, 59.83, -27.57
CIE _{LCh}	52, 65.874, 335.262
Yxy	19.7081, 0.3524, 0.2116
Android (android.graphics.Color)	4291119787 (0xFFC54AAB)
YUV	121.8350, 24.2383, 65.9197
Hunter-Lab	44.3938, 54.2962, -23.1502

Details

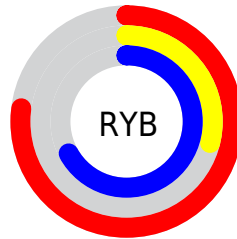
The XYZ color **32.8254, 19.7081, 40.6020** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **25.0915, 42.3092, 18.9022**, and the grayscale version is **18.3596, 19.3157, 21.0348**.

A 20% lighter version of the original color is **63.0878, 42.7713, 77.6036**, and **14.0852, 6.8835, 17.7258** is the 20% darker color. If you saturate the color by 10%, you get **31.3195, 17.3213, 38.1724**, and if you desaturate by 10%, it is **34.7568, 22.9253, 43.2355**.

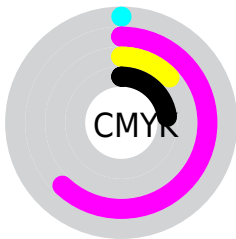
Distribution



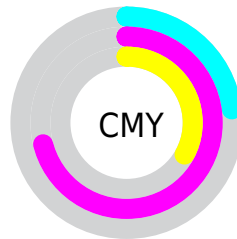
- Red (77%)
- Green (29%)
- Blue (67%)



- Red (77%)
- Yellow (29%)
- Blue (67%)



- Cyan (0%)
- Magenta (62%)
- Yellow (13%)
- Black (23%)





- Cyan (23%)
- Magenta (71%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.8254, 19.7081, 40.6020 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 32.8254, 19.7081, 40.6020 by changing the saturation by 10% instead.


 32.8254, 19.7081,
40.6020


 32.8254, 19.7081,
40.6020


306.5412,
250.3305, 364.2817


 22.1513, 12.1830,
27.6909


 63.4593, 42.9272,
77.3264


 14.0854, 6.8685,
17.8558


 84.1499, 59.3901,
101.9768


 8.2622, 3.3800,
10.6781


 108.9100, 79.6011,
131.3774

 4.3164, 1.3332,
5.7394

 138.1050,
103.9445, 165.9467

 1.8826, 0.1667,
2.6211

 172.1003,
132.8047, 206.1032

 0.5667, 0.0000,
0.9033

211.2612,

 0.0000, 0.0000,

166.5662, 252.2655

0.0000

255.9530,
205.6133, 304.8522

■ 32.8254, 19.7081,
40.6020

■ 32.8254, 19.7081,
40.6020

■ 31.3195, 17.3213,
38.1724

■ 34.7568, 22.9253,
43.2355

■ 30.1971, 15.6820,
35.9316

■ 37.1467, 27.0395,
46.0840

■ 29.4110, 14.6955,
33.8634

■ 40.0270, 32.1140,
49.1587

■ 28.9725, 14.2490,
32.3906

■ 43.4260, 38.2056,
52.4697

■ 47.3700, 45.3665,
56.0262

■ 51.8835, 53.6453,
59.8370

■ 56.9893, 63.0878,
63.9101

■ 62.7092, 73.7372,
68.2534

■ 69.0636, 85.6342,
72.8741

Harmonies

Analogous

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



27.0786, 19.7081, 67.0755



32.8254, 19.7081, 40.6020



34.4712, 19.7081, 18.2875

Triad

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



32.8254, 19.7081, 40.6020



17.5892, 19.7081, 1.7835



10.1459, 19.7081, 50.1156

Complementary

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



32.8254, 19.7081, 40.6020



25.0915, 42.3092, 18.9022

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.



8.7047, 19.7081, 24.9769



32.8254, 19.7081, 40.6020



12.3053, 19.7081, 3.3391

Square

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



32.8254, 19.7081, 40.6020



24.5761, 19.7081, 2.4627



9.3902, 19.7081, 9.5378



13.8966, 19.7081, 74.4760

Rectangle

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



32.8254, 19.7081, 40.6020



32.7539, 19.7081, 9.3628



9.3902, 19.7081, 9.5378



9.4213, 19.7081, 41.0663

Sweetspot

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



32.8261, 19.7091, 40.6024



79.8884, 72.2457, 95.9268



17.6298, 11.5600, 54.1259



16.6808, 14.7065, 20.1455



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.



32.8261, 19.7091, 40.6024



55.2700, 29.7829, 66.8369



28.3393, 17.9144, 16.9755



10.9834, 10.7767, 12.8957



19.0878, 9.3847, 21.4700



0.9286, 0.4543, 1.1470

Inverse Universe

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



32.8261, 19.7091, 40.6024



55.2700, 29.7829, 66.8369



29.1450, 43.9306, 40.2480



10.9834, 10.7767, 12.8957



19.0878, 9.3847, 21.4700



0.9286, 0.4543, 1.1470

Previews

White Background



This preview shows how the XYZ color 32.8254, 19.7081, 40.6020 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 32.8254, 19.7081, 40.6020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

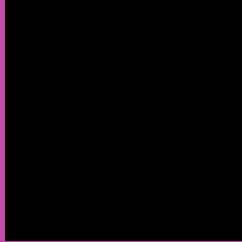
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.8254, 19.7081, 40.6020

Background



This preview shows how black text looks on a background with the XYZ color 32.8254, 19.7081, 40.6020.



This preview shows how white text looks on a background with the XYZ color 32.8254, 19.7081,

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

32.8254, 19.7081, 40.6020

Protanopia

21.9714, 19.9677, 63.0177

Deuteranopia

20.3483, 19.8658, 37.8840



Tritanopia

27.4498, 19.6960, 14.4115

Trichromacy



Original Color

32.8254, 19.7081, 40.6020



Protanomaly

23.3048, 18.0762, 53.8905



Deuteranomaly

23.4270, 18.6199, 38.9185



Tritanomaly

29.0860, 19.4994, 21.9694

Monochromacy



Original Color

32.8254, 19.7081, 40.6020



Achromatopsia

18.4984, 19.4618, 21.1939



Achromatomaly

22.1796, 18.3862, 27.1908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8254, 19.7081, 40.6020 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(197, 74, 171)` looks like.

```
.text, #text, p{  
    color:rgb(197, 74, 171)  
}
```

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(197, 74, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 74, 171) }
```

Border

The CSS property to change the border of an element to XYZ 32.8254, 19.7081, 40.6020 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(197, 74, 171) }
```


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

```
.border{ border-color:rgb(197, 74, 171) }
```

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

Here you see how a box with a 4 pixel rgb(197, 74, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 74, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 74, 171);  
box-shadow:4px 4px 4px 4px rgb(197, 74,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8254, 19.7081, 40.6020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 74, 171) }
```

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

```
.background{ background-color: rgb(197, 74,  
171) }
```

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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