

Converting Colors

XYZ(32.3008, 27.2346, 38.9476)

Have a look what the booklet for
XYZ(32.3008, 27.2346, 38.9476)
contains.

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Color

**XYZ(32.4152, 27.3851,
39.1747)**

Conversions

Conversions Part 1

Format	Color
Hex	B080A5
RGB	176, 128, 165
RGB Percent	69%, 50%, 65%
CMY	0.3098, 0.4980, 0.3529
CMYK	0.00, 0.27, 0.06, 0.31
HSL	314°, 23%, 60%
HSV	314°, 27%, 69%
XYZ	32.4152, 27.3851, 39.1747
YIQ	146.5700, 16.7310, 21.6830

Conversions

Conversions Part 2

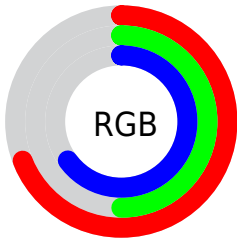
Format	Color
RYB	176, 128, 165
Decimal	11567269
CIELab	59.33, 24.64, -12.37
CIELCh	59, 27.570, 333.341
Yxy	27.3851, 0.3275, 0.2767
Android (android.graphics.Color)	4289757349 (0xFFB080A5)
YUV	146.5700, 9.0860, 25.8101
Hunter-Lab	52.3308, 18.9892, -7.7528

Details

The XYZ color **32.4152, 27.3851, 39.1747** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **29.0888, 37.5047, 30.1338**, and the grayscale version is **27.5154, 28.9484, 31.5248**.

A 20% lighter version of the original color is **62.7209, 55.3709, 75.0920**, and **13.8734, 10.8520, 16.9862** is the 20% darker color. If you saturate the color by 10%, you get **29.9545, 23.0416, 36.5717**, and if you desaturate by 10%, it is **35.2874, 32.5321, 41.9726**.

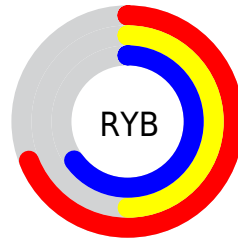
Distribution



Red (69%)

Green (50%)

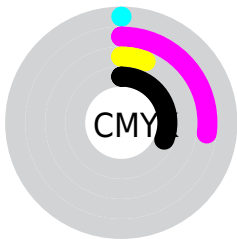
Blue (65%)



Red (69%)

Yellow (50%)

Blue (65%)

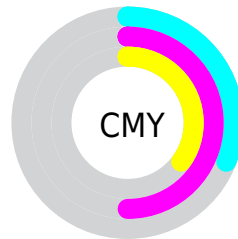


Cyan (0%)

Magenta (27%)

Yellow (6%)

Black (31%)



Cyan (31%)


Magenta (50%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.4152, 27.3851, 39.1747 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 32.4152, 27.3851, 39.1747 by changing the saturation by 10% instead.


 32.4152, 27.3851,
39.1747


 32.4152, 27.3851,
39.1747


304.7181,
289.5169, 358.0808


 21.8359, 17.8627,
26.5868


 62.8222, 55.5012,
75.1284

 13.8523, 10.8514,
17.0334


 83.3807, 74.8637,
99.3313

 8.0990, 5.9670,
10.0961


 107.9963, 98.2749,
128.2429

 4.2107, 2.8250,
5.3563

137.0343,
126.1194, 162.2818

 1.8220, 1.0411,
2.3954

170.8601,
158.7814, 201.8664

 0.5309, 0.0000,
0.7840

209.8391,

 0.0000, 0.0000,

196.6454, 247.4155

0.0000

254.3367,
240.0958, 299.3474

■ 32.4152, 27.3851,
39.1747

■ 32.4152, 27.3851,
39.1747

■ 29.9545, 23.0416,
36.5717

■ 35.2874, 32.5321,
41.9726

■ 27.8820, 19.4566,
34.1545

■ 38.5876, 38.5170,
44.9705

■ 26.1761, 16.5867,
31.9156

■ 42.3348, 45.3769,
48.1755

■ 24.8120, 14.3822,
29.8461

■ 46.5458, 53.1454,
51.5938

■ 23.7615, 12.7872,
27.9362

■ 51.2366, 61.8543,
55.2312

■ 22.9921, 11.7367,
26.1745

■ 56.4225, 71.5340,
59.0932

■ 22.4554, 11.1339,
24.5442

■ 62.1179, 82.2135,
63.1853

■ 22.3248, 10.9982,
24.1139

■ 63.7737, 84.7938,
65.9913

■ 64.2431, 84.9816,
68.4629

Harmonies

Analogous

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



29.8456, 27.3851, 48.6606



32.4152, 27.3851, 39.1747



33.2247, 27.3851, 28.7247

Triad

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



32.4152, 27.3851, 39.1747



25.6442, 27.3851, 14.5947



20.8733, 27.3851, 41.5194

Complementary

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



32.4152, 27.3851, 39.1747



29.0888, 37.5047, 30.1338

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.



19.9549, 27.3851, 30.9382



32.4152, 27.3851, 39.1747



22.5520, 27.3851, 16.6012

Square

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



32.4152, 27.3851, 39.1747



29.1183, 27.3851, 15.8634



20.5415, 27.3851, 22.0836



23.1658, 27.3851, 50.2108

Rectangle

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



32.4152, 27.3851, 39.1747



32.6033, 27.3851, 22.9093



20.5415, 27.3851, 22.0836



20.4033, 27.3851, 37.9917

Sweetspot

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



32.4160, 27.3863, 39.1753



69.4325, 68.8507, 81.0734



26.1044, 24.0119, 44.3336



14.8464, 14.5557, 17.3914



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



32.4160, 27.3863, 39.1753



55.8914, 44.5348, 68.0321



30.4772, 26.6108, 28.9654



8.7650, 8.6127, 10.2612



16.4030, 8.0788, 17.8141



0.5366, 0.2624, 0.6682

Inverse Universe

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



32.4160, 27.3863, 39.1753



55.8914, 44.5348, 68.0321



30.9856, 38.2635, 40.1225



8.7650, 8.6127, 10.2612



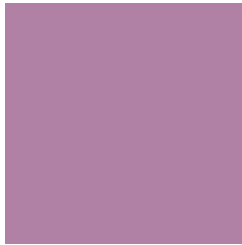
16.4030, 8.0788, 17.8141



0.5366, 0.2624, 0.6682

Previews

White Background



This preview shows how the XYZ color 32.4152, 27.3851, 39.1747 looks on a white background.

Color Contrast Check

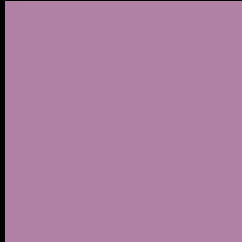
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.4152, 27.3851, 39.1747 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 32.4152, 27.3851, 39.1747

Background



This preview shows how black text looks on a background with the XYZ color 32.4152, 27.3851, 39.1747.



This preview shows how white text looks on a background with the XYZ color 32.4152, 27.3851,

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

32.4152, 27.3851, 39.1747

Protanopia

27.4663, 27.6362, 43.9311

Deuteranopia

28.0562, 27.4055, 38.4614



Tritanopia

30.3673, 27.3398, 29.2678

Trichromacy



Original Color

32.4152, 27.3851, 39.1747

Protanomaly

29.0588, 27.4109, 42.2873

Deuteranomaly

29.4654, 27.2774, 38.8340

Tritanomaly

31.0769, 27.4333, 32.5114

Monochromacy



Original Color

32.4152, 27.3851, 39.1747

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

29.3114, 28.3584, 34.5007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4152, 27.3851, 39.1747 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(176, 128, 165)` looks like.

```
.text, #text, p{  
    color:rgb(176, 128, 165)  
}
```

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(176, 128, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 128, 165) }
```

Border

The CSS property to change the border of an element to XYZ 32.4152, 27.3851, 39.1747 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(176, 128, 165) }
```


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

```
.border{ border-color:rgb(176, 128, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 128, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 128, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 128, 165);  
box-shadow:4px 4px 4px 4px rgb(176, 128,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4152, 27.3851, 39.1747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 128, 165) }
```

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

```
.background{ background-color: rgb(176,  
128, 165) }
```

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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