

Converting Colors

XYZ(38.4343, 32.3596, 62.9006)

Have a look what the booklet for
XYZ(38.4343, 32.3596, 62.9006)
contains.

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Color

**XYZ(38.4232, 32.4425,
62.6294)**

Conversions

Conversions Part 1

Format	Color
Hex	B08CCE
RGB	176, 140, 206
RGB Percent	69%, 55%, 81%
CMY	0.3098, 0.4510, 0.1922
CMYK	0.15, 0.32, 0.00, 0.19
HSL	273°, 40%, 68%
HSV	273°, 32%, 81%
XYZ	38.4232, 32.4425, 62.6294
YIQ	158.2880, 0.2700, 28.1580

Conversions

Conversions Part 2

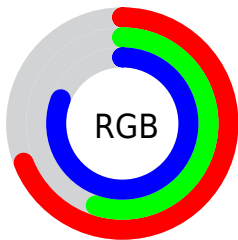
Format	Color
R _Y B	176, 140, 206
Decimal	11570382
CIE _{Lab}	63.71, 26.14, -28.90
CIE _{LCh}	64, 38.971, 312.126
Y _{xy}	32.4425, 0.2878, 0.2430
Android (android.graphics.Color)	4289760462 (0xFFB08CCE)
YUV	158.2880, 23.5220, 15.5334
Hunter-Lab	56.9583, 20.7363, -25.3224

Details

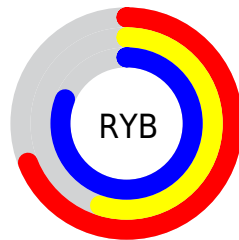
The XYZ color **38.4232, 32.4425, 62.6294** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **43.3834, 54.5828, 33.0613**, and the grayscale version is **32.5275, 34.2214, 37.2671**.

A 20% lighter version of the original color is **70.6205, 62.9594, 103.0380**, and **17.1843, 13.5167, 30.9814** is the 20% darker color. If you saturate the color by 10%, you get **33.6457, 25.9224, 61.6232**, and if you desaturate by 10%, it is **43.9123, 40.1675, 63.8317**.

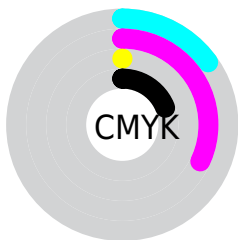
Distribution



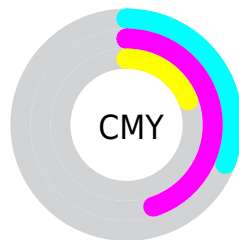
- Red (69%)
- Green (55%)
- Blue (81%)



- Red (69%)
- Yellow (55%)
- Blue (81%)



- Cyan (15%)
- Magenta (32%)
- Yellow (0%)
- Black (19%)



- Cyan (31%)
- Magenta (45%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.4232, 32.4425, 62.6294 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 38.4232, 32.4425, 62.6294 by changing the saturation by 10% instead.

■ 38.4232, 32.4425,
62.6294

■ 38.4232, 32.4425,
62.6294

330.6815,
313.1301, 452.2941

■ 26.4900, 21.6997,
45.1024

■ 72.0561, 63.5041,
110.2151

■ 17.3252, 13.6364,
31.1945

■ 94.4864, 84.5918,
141.1108

■ 10.5633, 7.8682,
20.4873

■ 121.1466,
109.8965, 177.2999

■ 5.8392, 4.0107,
12.5622

152.4019,
139.8027, 219.2009

■ 2.7873, 1.6796,
7.0006

188.6177,
174.6948, 267.2322

■ 1.0423, 0.4104,
3.3840

230.1593,

■ 0.0000, 0.0000,

214.9571, 321.8125

1.2939

277.3921,
260.9741, 383.3603

■ 0.0000, 0.0000,
0.0568

■ 0.0000, 0.0000,
0.0000

■ 38.4232, 32.4425,
62.6294

■ 38.4232, 32.4425,
62.6294

■ 33.6457, 25.9224,
61.6232

■ 43.9123, 40.1675,
63.8317

■ 29.5423, 20.5385,
60.8003

■ 50.1418, 49.1530,
65.2377

■ 26.0763, 16.2216,
60.1497

■ 57.1426, 59.4558,
66.8574

■ 23.2059, 12.8926,
59.6585

■ 64.9426, 71.1282,
68.6993

■ 20.8836, 10.4612,
59.3115

■ 73.5685, 84.2193,
70.7715

■ 19.0529, 8.8192,
59.0911

■ 80.2391, 93.1629,
72.1462

■ 17.8693, 7.9250,
58.9809

■ 83.3635, 94.7735,
72.2924

■ 86.6523, 96.4690,
72.4463

■ 88.1407, 97.2363,
72.5160

Harmonies

Analogous

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



33.0928, 32.4425, 73.6045



38.4232, 32.4425, 62.6294



41.9393, 32.4425, 45.3741

Triad

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



38.4232, 32.4425, 62.6294



34.1697, 32.4425, 13.7479



21.6722, 32.4425, 42.0206

Complementary

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



38.4232, 32.4425, 62.6294



43.3834, 54.5828, 33.0613

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.



21.8882, 32.4425, 26.8802



38.4232, 32.4425, 62.6294



28.6835, 32.4425, 13.3363

Square

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



38.4232, 32.4425, 62.6294



39.2913, 32.4425, 18.7579



24.3191, 32.4425, 17.3949



23.6895, 32.4425, 59.5594

Rectangle

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



38.4232, 32.4425, 62.6294



42.5552, 32.4425, 34.2212



24.3191, 32.4425, 17.3949



21.4933, 32.4425, 36.4510

Sweetspot

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



38.4243, 32.4438, 62.6301



83.3114, 82.6633, 106.1724



36.4821, 39.0832, 64.0140



17.5013, 17.2101, 22.6494



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.



38.4243, 32.4438, 62.6301



57.1450, 45.5501, 100.3879



45.7076, 36.2292, 61.5855



11.1767, 11.1404, 14.1316



11.1164, 4.9383, 36.3236



0.6603, 0.2995, 1.8780

Inverse Universe

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



42.0883, 34.7815, 42.5265



64.1618, 50.0190, 62.2402



37.7851, 51.6779, 33.6547



11.4208, 11.2971, 12.7506



16.9552, 8.5927, 7.4828



0.9128, 0.4585, 0.5867

Previews

White Background



This preview shows how the XYZ color 38.4232, 32.4425, 62.6294 looks on a white background.

Color Contrast Check

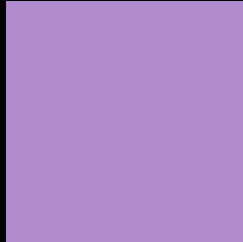
Large Text (above 18pt) WCAG AA × Fail

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 38.4232, 32.4425, 62.6294 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 38.4232, 32.4425, 62.6294

Background



This preview shows how black text looks on a background with the XYZ color 38.4232, 32.4425, 62.6294.



This preview shows how white text looks on a background with the XYZ color 38.4232, 32.4425,

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

38.4232, 32.4425, 62.6294

Protanopia

33.4857, 32.5137, 68.8009

Deuteranopia

33.4550, 32.6557, 61.6667



Tritanopia

33.5427, 32.5031, 38.2241

Trichromacy



Original Color

38.4232, 32.4425, 62.6294

Protanomaly

35.0512, 32.4173, 66.6971

Deuteranomaly

35.1269, 32.5561, 62.1902

Tritanomaly

35.2280, 32.5027, 46.0119

Monochromacy



Original Color

38.4232, 32.4425, 62.6294

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

34.3215, 33.2277, 45.1621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4232, 32.4425, 62.6294 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, 140, 206)` looks like.

```
.text, #text, p{  
    color:rgb(176, 140, 206)  
}
```

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, 140, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 140, 206) }
```

Border

The CSS property to change the border of an element to XYZ 38.4232, 32.4425, 62.6294 is called "border". The border property can be set on classes, ids or directly on the HTML element.

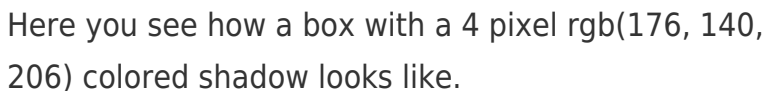
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 140, 206) }
```


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

```
.border{ border-color:rgb(176, 140, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 140, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 140, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 140, 206); box-shadow:4px 4px 4px 4px rgb(176, 140, 206) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4232, 32.4425, 62.6294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 140, 206) }
```

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

```
.background{ background-color: rgb(176,  
140, 206) }
```

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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