

Converting Colors

XYZ(42.3953, 32.5852, 57.5003)

Have a look what the booklet for
XYZ(42.3953, 32.5852, 57.5003)
contains.

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Color

**XYZ(42.2631, 32.4600,
57.4640)**

Conversions

Conversions Part 1

Format	Color
Hex	C982C6
RGB	201, 130, 198
RGB Percent	79%, 51%, 78%
CMY	0.2118, 0.4902, 0.2235
CMYK	0.00, 0.35, 0.01, 0.21
HSL	303°, 40%, 65%
HSV	303°, 35%, 79%
XYZ	42.2631, 32.4600, 57.4640
YIQ	158.9810, 20.4880, 36.2000

Conversions

Conversions Part 2

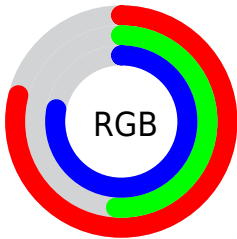
Format	Color
R_{YB}	201, 130, 198
Decimal	13206214
CIE _{Lab}	63.72, 38.01, -24.17
CIE _{LCh}	64, 45.042, 327.540
Yxy	32.4600, 0.3197, 0.2456
Android (android.graphics.Color)	4291396294 (0xFFC982C6)
YUV	158.9810, 19.2364, 36.8507
Hunter-Lab	56.9737, 32.7074, -19.9187

Details

The XYZ color **42.2631, 32.4600, 57.4640** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **34.3276, 48.2137, 29.6891**, and the grayscale version is **32.8552, 34.5662, 37.6426**.

A 20% lighter version of the original color is **76.4305, 62.7610, 102.6935**, and **19.6841, 13.7166, 27.9957** is the 20% darker color. If you saturate the color by 10%, you get **39.7488, 27.5871, 56.1441**, and if you desaturate by 10%, it is **45.3023, 38.3804, 58.9622**.

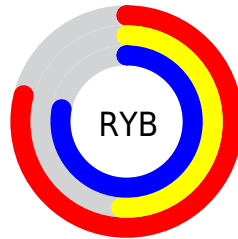
Distribution



Red (79%)

Green (51%)

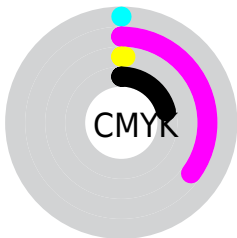
Blue (78%)



Red (79%)

Yellow (51%)

Blue (78%)

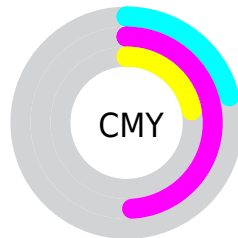


Cyan (0%)

Magenta (35%)

Yellow (1%)

Black (21%)



Cyan (21%)

Magenta (49%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.2631, 32.4600, 57.4640 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 42.2631, 32.4600, 57.4640 by changing the saturation by 10% instead.

42.2631, 32.4600,
57.4640

42.2631, 32.4600,
57.4640

346.5455,
313.2094, 432.7281

29.4994, 21.7131,
40.9660

77.8603, 63.5315,
102.6490

19.6051, 13.6462,
27.9731

101.4245, 84.6249,
132.1730

12.2149, 7.8750,
18.0665

129.3196,
109.9360, 166.8762

6.9634, 4.0151,
10.8278

161.9109,
139.8490, 207.1771

3.4854, 1.6820,
5.8384

199.5638,
174.7485, 253.4942

1.4153, 0.4120,
2.6799

242.6436,

0.2671, 0.0000,

215.0188, 306.2460

0.9333

291.5158,
261.0443, 365.8511

■ 0.0000, 0.0000,
0.0000

■ 42.2631, 32.4600,
57.4640

■ 42.2631, 32.4600,
57.4640

■ 39.7488, 27.5871,
56.1441

■ 45.3023, 38.3804,
58.9622

■ 37.7256, 23.6963,
54.9903

■ 48.8912, 45.4001,
60.6461

■ 36.1610, 20.7217,
53.9921

■ 53.0570, 53.5727,
62.5249

■ 35.0170, 18.5874,
53.1367

■ 57.8241, 62.9470,
64.6070

■ 34.2495, 17.2053,
52.4096

■ 63.2155, 73.5690,
66.8998

■ 33.8047, 16.4678,
51.7927

■ 69.2530, 85.4822,
69.4108

■ 33.6584, 16.2460,
51.5256

■ 70.7405, 88.2948,
70.4078

■ 70.8427, 88.3357,
70.9458

■ 70.9454, 88.3768,
71.4867

Harmonies

Analogous

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



36.8088, 32.4600, 75.9714



42.2631, 32.4600, 57.4640



44.6301, 32.4600, 36.8557

Triad

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



42.2631, 32.4600, 57.4640



31.3759, 32.4600, 10.7543



21.2966, 32.4600, 53.9663

Complementary

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



42.2631, 32.4600, 57.4640



34.3276, 48.2137, 29.6891

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.



20.2492, 32.4600, 33.8731



42.2631, 32.4600, 57.4640



25.5757, 32.4600, 12.6195

Square

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



42.2631, 32.4600, 57.4640



37.8326, 32.4600, 13.3850



21.7058, 32.4600, 19.7826



24.7881, 32.4600, 73.5147

Rectangle

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



42.2631, 32.4600, 57.4640



43.9266, 32.4600, 25.8719



21.7058, 32.4600, 19.7826



20.6696, 32.4600, 46.8833

Sweetspot

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



42.2641, 32.4614, 57.4647



86.5551, 83.3147, 105.1297



28.0999, 25.1191, 58.6266



18.3210, 17.4301, 22.4089



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.



42.2641, 32.4614, 57.4647



69.1439, 49.3403, 96.7117



38.6941, 31.0334, 38.6651



11.0630, 10.8086, 13.3150



21.1717, 10.2182, 32.4434



1.0086, 0.4863, 1.5686

Inverse Universe

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



42.2641, 32.4614, 57.4647



69.1439, 49.3403, 96.7117



37.1493, 49.3424, 44.5482



11.0630, 10.8086, 13.3150



21.1717, 10.2182, 32.4434



1.0086, 0.4863, 1.5686

Previews

White Background



This preview shows how the XYZ color 42.2631, 32.4600, 57.4640 looks on a white background.

Color Contrast Check

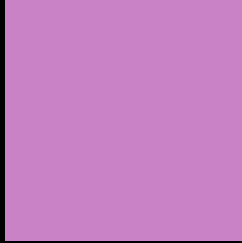
Large Text (above 18pt) WCAG AA × Fail

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 42.2631, 32.4600, 57.4640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

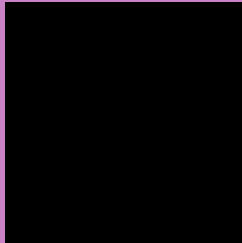
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.2631, 32.4600, 57.4640

Background



This preview shows how black text looks on a background with the XYZ color 42.2631, 32.4600, 57.4640.



This preview shows how white text looks on a background with the XYZ color 42.2631, 32.4600,

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

42.2631, 32.4600, 57.4640

Protanopia

33.8103, 32.9230, 68.8628

Deuteranopia

33.3603, 32.7411, 55.6003



Tritanopia

37.3888, 32.5603, 33.1683

Trichromacy



Original Color

42.2631, 32.4600, 57.4640

Protanomaly

36.1312, 32.3278, 64.6572

Deuteranomaly

35.9720, 32.2115, 55.9513

Tritanomaly

38.8052, 32.2687, 40.7424

Monochromacy



Original Color

42.2631, 32.4600, 57.4640

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

35.5883, 33.1956, 44.0669

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.2631, 32.4600, 57.4640 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(201, 130, 198)` looks like.

```
.text, #text, p{  
    color:rgb(201, 130, 198)  
}
```

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(201, 130, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 130, 198) }
```

Border

The CSS property to change the border of an element to XYZ 42.2631, 32.4600, 57.4640 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(201, 130, 198) }
```


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

```
.border{ border-color:rgb(201, 130, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 130, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 130, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 130, 198); box-shadow:4px 4px 4px 4px rgb(201, 130, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 42.2631, 32.4600, 57.4640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 130, 198) }
```

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

```
.background{ background-color: rgb(201,  
130, 198) }
```

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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