

Converting Colors

XYZ(42.5827, 32.8048, 58.1790)

Have a look what the booklet for
XYZ(42.5827, 32.8048, 58.1790)
contains.

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Color

**XYZ(42.5125, 32.7736,
58.1181)**

Conversions

Conversions Part 1

Format	Color
Hex	C983C7
RGB	201, 131, 199
RGB Percent	79%, 51%, 78%
CMY	0.2118, 0.4863, 0.2196
CMYK	0.00, 0.35, 0.01, 0.21
HSL	302°, 39%, 65%
HSV	302°, 35%, 79%
XYZ	42.5125, 32.7736, 58.1181
YIQ	159.6820, 19.8920, 35.9880

Conversions

Conversions Part 2

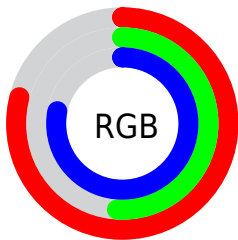
Format	Color
R _{YB}	201, 131, 199
Decimal	13206471
CIE _{Lab}	63.98, 37.65, -24.34
CIE _{LCh}	64, 44.836, 327.115
Yxy	32.7736, 0.3187, 0.2457
Android (android.graphics.Color)	4291396551 (0xFFC983C7)
YUV	159.6820, 19.3838, 36.2359
Hunter-Lab	57.2482, 32.3696, -20.1171

Details

The XYZ color **42.5125, 32.7736, 58.1181** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **34.4817, 48.2932, 29.6963**, and the grayscale version is **33.1755, 34.9032, 38.0096**.

A 20% lighter version of the original color is **76.6390, 63.1779, 102.7630**, and **19.8336, 13.8926, 28.4243** is the 20% darker color. If you saturate the color by 10%, you get **40.0041, 27.8626, 56.9538**, and if you desaturate by 10%, it is **45.5470, 38.7349, 59.4597**.

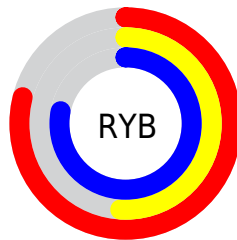
Distribution



Red (79%)

Green (51%)

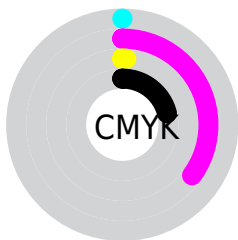
Blue (78%)



Red (79%)

Yellow (51%)

Blue (78%)

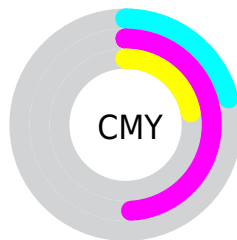


Cyan (0%)

Magenta (35%)

Yellow (1%)

Black (21%)



Cyan (21%)

Magenta (49%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5125, 32.7736, 58.1181 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 42.5125, 32.7736, 58.1181 by changing the saturation by 10% instead.

42.5125, 32.7736,
58.1181

42.5125, 32.7736,
58.1181

347.5587,
314.6283, 435.2364

29.6957, 21.9531,
41.4883

78.2350, 64.0219,
103.6113

19.7546, 13.8224,
28.3782

101.8714, 85.2185,
133.3117

12.3240, 7.9973,
18.3695

129.8450,
110.6425, 168.2061

7.0385, 4.0932,
11.0434

162.5211,
140.6784, 208.7130

3.5328, 1.7258,
5.9815

200.2652,
175.7105, 255.2510

1.4414, 0.4403,
2.7652

243.4426,

0.2854, 0.0000,

216.1233, 308.2385

0.9760

292.4186,
262.3011, 368.0941

■ 0.0000, 0.0000,
0.0000

■ 42.5125, 32.7736,
58.1181

■ 42.5125, 32.7736,
58.1181

■ 40.0041, 27.8626,
56.9538

■ 45.5470, 38.7349,
59.4597

■ 37.9881, 23.9368,
55.9545

■ 49.1322, 45.7981,
60.9857

■ 36.4321, 20.9306,
55.1099


■ 53.2953, 54.0165,
62.7057


■ 35.2984, 18.7685,
54.4072


■ 58.0606, 63.4388,
64.6276


■ 34.5433, 17.3633,
53.8319


■ 63.4509, 74.1110,
66.7591


 34.1138, 16.6088,
53.3665

 69.4881, 86.0764,
69.1075

 33.9671, 16.3694,
53.1512

 70.6299, 88.2506,
69.8253

 70.6985, 88.2780,
70.1866

 70.7674, 88.3056,
70.5493

Harmonies

Analogous

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



37.0249, 32.7736, 76.5010



42.5125, 32.7736, 58.1181



44.9345, 32.7736, 37.4659

Triad

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



42.5125, 32.7736, 58.1181



31.7662, 32.7736, 10.9873



21.5358, 32.7736, 54.0174

Complementary

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



42.5125, 32.7736, 58.1181



34.4817, 48.2932, 29.6963

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.



20.5198, 32.7736, 33.9612



42.5125, 32.7736, 58.1181



25.9326, 32.7736, 12.8034

Square

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



42.5125, 32.7736, 58.1181



38.2267, 32.7736, 13.7086



22.0177, 32.7736, 19.9252



25.0060, 32.7736, 73.6246

Rectangle

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



42.5125, 32.7736, 58.1181



44.2703, 32.7736, 26.3900



22.0177, 32.7736, 19.9252



20.9182, 32.7736, 46.9402

Sweetspot

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



42.5136, 32.7750, 58.1188



87.3307, 84.7489, 105.7491



28.2022, 25.3702, 58.6697



18.4782, 17.7170, 22.5459



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.



42.5136, 32.7750, 58.1188



69.3752, 49.4329, 97.9297



38.9813, 31.3621, 39.5182



11.0695, 10.8112, 13.3493



21.3630, 10.2948, 33.4511



1.0158, 0.4891, 1.6062

Inverse Universe

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



42.5136, 32.7750, 58.1188



69.3752, 49.4329, 97.9297



37.2385, 49.3959, 44.2131



11.0695, 10.8112, 13.3493



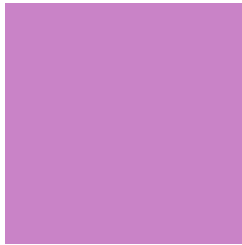
21.3630, 10.2948, 33.4511



1.0158, 0.4891, 1.6062

Previews

White Background



This preview shows how the XYZ color 42.5125, 32.7736, 58.1181 looks on a white background.

Color Contrast Check

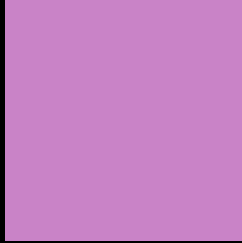
Large Text (above 18pt) WCAG AA × Fail

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 42.5125, 32.7736, 58.1181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

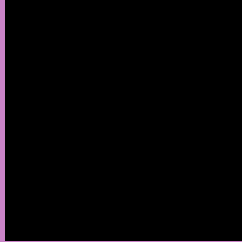
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.5125, 32.7736, 58.1181

Background



This preview shows how black text looks on a background with the XYZ color 42.5125, 32.7736, 58.1181.



This preview shows how white text looks on a background with the XYZ color 42.5125, 32.7736,

58.1181.

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

42.5125, 32.7736, 58.1181

Protanopia

34.1024, 33.0587, 69.5493

Deuteranopia

33.6562, 32.8806, 56.2025



Tritanopia

37.6165, 32.8862, 33.6432

Trichromacy



Original Color

42.5125, 32.7736, 58.1181

Protanomaly

36.2555, 32.3775, 65.3114

Deuteranomaly

36.2993, 32.3671, 56.5588

Tritanomaly

39.0395, 32.5888, 41.2784

Monochromacy



Original Color

42.5125, 32.7736, 58.1181

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

36.0666, 33.6648, 44.6414

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5125, 32.7736, 58.1181 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, 131, 199)` looks like.

```
.text, #text, p{  
    color:rgb(201, 131, 199)  
}
```

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, 131, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 131, 199) }
```

Border

The CSS property to change the border of an element to XYZ 42.5125, 32.7736, 58.1181 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, 131, 199) }
```


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

```
.border{ border-color:rgb(201, 131, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 131, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 131, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 131, 199);  
box-shadow:4px 4px 4px 4px rgb(201, 131,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5125, 32.7736, 58.1181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 131, 199) }
```

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

```
.background{ background-color: rgb(201,  
131, 199) }
```

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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