

Converting Colors

XYZ(32.7866, 24.5548, 24.1306)

Have a look what the booklet for
XYZ(32.7866, 24.5548, 24.1306)
contains.

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Color

**XYZ(32.7866, 24.5548,
24.1306)**

Conversions

Conversions Part 1

Format	Color
Hex	C66D82
RGB	198, 109, 130
RGB Percent	78%, 43%, 51%
CMY	0.2235, 0.5725, 0.4902
CMYK	0.00, 0.45, 0.34, 0.22
HSL	346°, 44%, 60%
HSV	346°, 45%, 78%
XYZ	32.7866, 24.5548, 24.1306
YIQ	138.0050, 46.3030, 25.3990

Conversions

Conversions Part 2

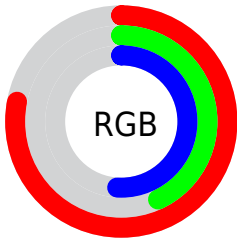
Format	Color
RYB	198, 109, 130
Decimal	13004162
CIELab	56.64, 37.56, 4.21
CIElCh	57, 37.798, 6.392
Yxy	24.5548, 0.4024, 0.3014
Android (android.graphics.Color)	4291194242 (0xFFC66D82)
YUV	138.0050, -3.9465, 52.6156
Hunter-Lab	49.5528, 31.3871, 5.8147

Details

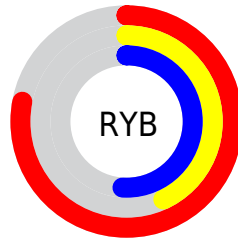
The XYZ color **32.7866, 24.5548, 24.1306** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **34.4378, 46.8142, 48.8186**, and the grayscale version is **24.1623, 25.4206, 27.6831**.

A 20% lighter version of the original color is **62.7076, 50.5196, 51.2459**, and **13.9828, 9.2829, 8.8394** is the 20% darker color. If you saturate the color by 10%, you get **29.9654, 20.4197, 18.5431**, and if you desaturate by 10%, it is **36.2342, 29.7035, 30.6641**.

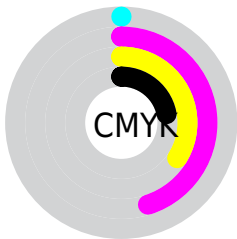
Distribution



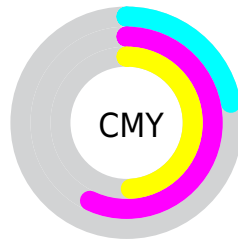
- Red (78%)
- Green (43%)
- Blue (51%)



- Red (78%)
- Yellow (43%)
- Blue (51%)



- Cyan (0%)
- Magenta (45%)
- Yellow (34%)
- Black (22%)





- Cyan (22%)
- Magenta (57%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.7866, 24.5548, 24.1306 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 32.7866, 24.5548, 24.1306 by changing the saturation by 10% instead.


 32.7866, 24.5548,
24.1306


 32.7866, 24.5548,
24.1306


306.3691,
275.6135, 286.7879


 22.1215, 15.7457,
15.2174


 63.3991, 50.9341,
51.1897

 14.0633, 9.3444,
8.8238


 84.0772, 69.2730,
70.1728

 8.2467, 4.9665,
4.5312


 108.8237, 91.5573,
93.3495

 4.3063, 2.2276,
1.9211

 138.0039,
118.1714, 121.1386

 1.8769, 0.7350,
0.5061

171.9832,
149.4997, 153.9584

 0.5633, 0.0000,
0.0000

211.1269,

 0.0000, 0.0000,

185.9265, 192.2275

0.0000

255.8004,
227.8363, 236.3645

■ 32.7866, 24.5548,
24.1306

■ 32.7866, 24.5548,
24.1306

■ 29.9654, 20.4197,
18.5431

■ 36.2342, 29.7035,
30.6641

■ 27.7297, 17.2272,
13.8551

■ 40.3417, 35.9233,
38.1841

■ 26.0369, 14.9032,
10.0185


■ 45.1424, 43.2715,
46.7302


■ 24.8374, 13.3602,
6.9792


■ 50.6667, 51.8006,
56.3397


■ 24.0715, 12.4927,
4.6767


■ 56.9435, 61.5594,
67.0478

 23.7960, 12.2087,
3.7612

 63.9998, 72.5942,
78.8880

 71.8613, 84.9489,
91.8924

 76.4663, 90.4928,
104.7300

 77.0987, 90.7458,
108.0599

Harmonies

Analogous

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



31.9720, 24.5548, 37.6495



32.7866, 24.5548, 24.1306



30.8253, 24.5548, 14.7920

Triad

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



32.7866, 24.5548, 24.1306



18.6743, 24.5548, 11.6004



20.1146, 24.5548, 55.6169

Complementary

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



32.7866, 24.5548, 24.1306



34.4378, 46.8142, 48.8186

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.



17.1743, 24.5548, 43.8235



32.7866, 24.5548, 24.1306



16.4187, 24.5548, 18.1660

Square

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



32.7866, 24.5548, 24.1306



22.4102, 24.5548, 9.1732



15.9061, 24.5548, 29.5225



24.2923, 24.5548, 58.7295

Rectangle

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



32.7866, 24.5548, 24.1306



28.3367, 24.5548, 11.2181



15.9061, 24.5548, 29.5225



18.9657, 24.5548, 52.3890

Sweetspot

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



32.7873, 24.5560, 24.1311



81.5581, 79.1176, 85.5932



33.5106, 24.2169, 56.3342



17.0150, 16.2547, 17.5444



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.



32.7873, 24.5560, 24.1311



53.1240, 36.2477, 32.9601



34.1998, 29.4110, 18.3440



10.7347, 10.6773, 11.5863



15.5032, 7.9509, 2.5939



0.7633, 0.3881, 0.2765

Inverse Universe

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



32.7873, 24.5560, 24.1311



53.1240, 36.2477, 32.9601



31.9771, 38.2821, 59.1298



10.7347, 10.6773, 11.5863



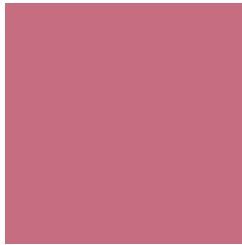
15.5032, 7.9509, 2.5939



0.7633, 0.3881, 0.2765

Previews

White Background



This preview shows how the XYZ color 32.7866, 24.5548, 24.1306 looks on a white background.

Color Contrast Check

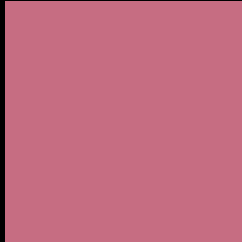
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.7866, 24.5548, 24.1306 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 32.7866, 24.5548, 24.1306

Background



This preview shows how black text looks on a background with the XYZ color 32.7866, 24.5548, 24.1306.



This preview shows how white text looks on a background with the XYZ color 32.7866, 24.5548,

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

32.7866, 24.5548, 24.1306

Protanopia

24.0683, 24.8869, 30.3232

Deuteranopia

25.1540, 24.7812, 23.1962



Tritanopia

32.0402, 24.5711, 20.5068

Trichromacy



Original Color

32.7866, 24.5548, 24.1306

Protanomaly

26.4926, 24.1861, 28.0830

Deuteranomaly

27.4006, 24.3826, 23.3408

Tritanomaly

32.1770, 24.4522, 21.7627

Monochromacy



Original Color

32.7866, 24.5548, 24.1306

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

26.4598, 24.4016, 26.2371

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7866, 24.5548, 24.1306 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(198, 109, 130)` looks like.

```
.text, #text, p{  
    color:rgb(198, 109, 130)  
}
```

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(198, 109, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 109, 130) }
```

Border

The CSS property to change the border of an element to XYZ 32.7866, 24.5548, 24.1306 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(198, 109, 130) }
```


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

```
.border{ border-color:rgb(198, 109, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 109, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 109, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 109, 130);  
box-shadow:4px 4px 4px 4px rgb(198, 109,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7866, 24.5548, 24.1306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 109, 130) }
```

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

```
.background{ background-color: rgb(198,  
109, 130) }
```

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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