

Converting Colors

XYZ(32.9827, 24.5840, 26.4214)

Have a look what the booklet for
XYZ(32.9827, 24.5840, 26.4214)
contains.

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Color

**XYZ(32.9385, 24.5852,
26.3019)**

Conversions

Conversions Part 1

Format	Color
Hex	C56D88
RGB	197, 109, 136
RGB Percent	77%, 43%, 53%
CMY	0.2275, 0.5725, 0.4667
CMYK	0.00, 0.45, 0.31, 0.23
HSL	342°, 43%, 60%
HSV	342°, 45%, 77%
XYZ	32.9385, 24.5852, 26.3019
YIQ	138.3900, 43.7810, 27.0530

Conversions

Conversions Part 2

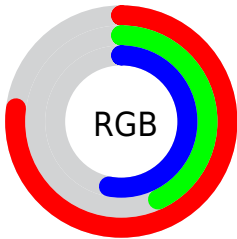
Format	Color
R_{YB}	197, 109, 136
Decimal	12938632
CIE _{Lab}	56.67, 37.97, 0.73
CIE _{LCh}	57, 37.982, 1.106
Yxy	24.5852, 0.3929, 0.2933
Android (android.graphics.Color)	4291128712 (0xFFC56D88)
YUV	138.3900, -1.1783, 51.4010
Hunter-Lab	49.5835, 31.8072, 3.2576

Details

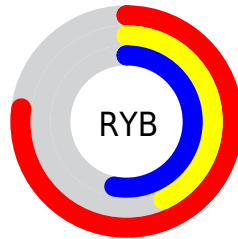
The XYZ color **32.9385, 24.5852, 26.3019** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **33.5298, 46.0865, 45.1611**, and the grayscale version is **24.2998, 25.5653, 27.8406**.

A 20% lighter version of the original color is **63.3456, 50.7748, 54.6059**, and **14.1773, 9.3607, 9.8637** is the 20% darker color. If you saturate the color by 10%, you get **30.1580, 20.4798, 20.8879**, and if you desaturate by 10%, it is **36.3149, 29.6844, 32.5253**.

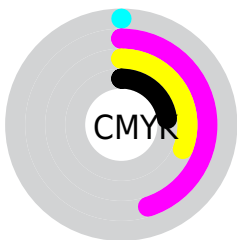
Distribution



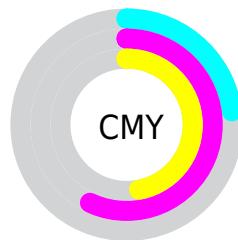
- Red (77%)
- Green (43%)
- Blue (53%)



- Red (77%)
- Yellow (43%)
- Blue (53%)



- Cyan (0%)
- Magenta (45%)
- Yellow (31%)
- Black (23%)




- Cyan (23%)
- Magenta (57%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.9385, 24.5852, 26.3019 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 32.9385, 24.5852, 26.3019 by changing the saturation by 10% instead.

 32.9385, 24.5852,
26.3019


 32.9385, 24.5852,
26.3019


307.0424,
275.7659, 297.9135


 22.2383, 15.7683,
16.8218


 63.6348, 50.9835,
54.7516


 14.1497, 9.3603,
9.9469


 84.3617, 69.3337,
74.5584

 8.3073, 4.9770,
5.2586


 109.1615, 91.6304,
98.6445

 4.3456, 2.2337,
2.3384

 138.3997,
118.2580, 127.4284

 1.8995, 0.7383,
0.7526

172.4415,
149.6010, 161.3287

 0.5765, 0.0000,
0.0000

211.6523,

 0.0000, 0.0000,

186.0437, 200.7640

0.0000

256.3975,
227.9705, 246.1527

■ 32.9385, 24.5852,
26.3019

■ 32.9385, 24.5852,
26.3019

■ 30.1580, 20.4798,
20.8879

■ 36.3149, 29.6844,
32.5253

■ 27.9351, 17.2989,
16.2467

■ 40.3186, 35.8332,
39.5893

■ 26.2295, 14.9703,
12.3411


■ 44.9809, 43.0878,
47.5253


■ 24.9948, 13.4090,
9.1293


■ 50.3306, 51.4990,
56.3625


■ 24.1748, 12.5124,
6.5649


■ 56.3945, 61.1146,
66.1287

 23.8531, 12.2012,
5.4335

 63.1983, 71.9799,
76.8505

 70.7660, 84.1374,
88.5535

 75.3059, 89.9983,
99.9904

 76.8359, 90.6103,
108.0476

Harmonies

Analogous

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



31.6279, 24.5852, 40.3395



32.9385, 24.5852, 26.3019



31.4276, 24.5852, 16.0588

Triad

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



32.9385, 24.5852, 26.3019



19.2453, 24.5852, 10.8669



19.4961, 24.5852, 54.2411

Complementary

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



32.9385, 24.5852, 26.3019



33.5298, 46.0865, 45.1611

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.



16.8187, 24.5852, 41.4189



32.9385, 24.5852, 26.3019



16.6873, 24.5852, 16.6448

Square

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



32.9385, 24.5852, 26.3019



23.2038, 24.5852, 9.0607



15.8573, 24.5852, 27.2418



23.5320, 24.5852, 59.2323

Rectangle

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



32.9385, 24.5852, 26.3019



29.1215, 24.5852, 11.9402



15.8573, 24.5852, 27.2418



18.4262, 24.5852, 50.5393

Sweetspot

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



32.9392, 24.5864, 26.3024



81.8898, 79.2502, 87.3394



31.9385, 23.4197, 55.6604



17.0960, 16.2871, 17.9714



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.



32.9392, 24.5864, 26.3024



53.9416, 36.5747, 37.2654



33.1377, 27.6768, 18.0652



10.7656, 10.6896, 11.7490



15.7224, 8.0385, 3.7481



0.7773, 0.3937, 0.3502

Inverse Universe

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



32.9392, 24.5864, 26.3024



53.9416, 36.5747, 37.2654



32.8824, 40.2768, 58.8644



10.7656, 10.6896, 11.7490



15.7224, 8.0385, 3.7481



0.7773, 0.3937, 0.3502

Previews

White Background



This preview shows how the XYZ color 32.9385, 24.5852, 26.3019 looks on a white background.

Color Contrast Check

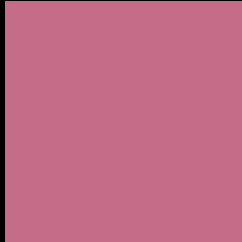
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.9385, 24.5852, 26.3019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

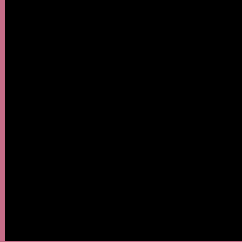
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.9385, 24.5852, 26.3019

Background



This preview shows how black text looks on a background with the XYZ color 32.9385, 24.5852, 26.3019.



This preview shows how white text looks on a background with the XYZ color 32.9385, 24.5852,

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

32.9385, 24.5852, 26.3019

Protanopia

24.1630, 24.6633, 33.1927

Deuteranopia

25.1786, 24.7478, 25.2795



Tritanopia

31.9493, 24.6802, 20.8491

Trichromacy



Original Color

32.9385, 24.5852, 26.3019

Protanomaly

26.5538, 24.1651, 30.4589

Deuteranomaly

27.5897, 24.4336, 25.4523

Tritanomaly

32.2153, 24.6110, 22.7911

Monochromacy



Original Color

32.9385, 24.5852, 26.3019

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

26.4028, 24.3558, 26.9765

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9385, 24.5852, 26.3019 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(197, 109, 136)` looks like.

```
.text, #text, p{  
    color:rgb(197, 109, 136)  
}
```

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(197, 109, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 109, 136) }
```

Border

The CSS property to change the border of an element to XYZ 32.9385, 24.5852, 26.3019 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(197, 109, 136) }
```


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

```
.border{ border-color:rgb(197, 109, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 109, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 109, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 109, 136);  
box-shadow:4px 4px 4px 4px rgb(197, 109,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9385, 24.5852, 26.3019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 109, 136) }
```

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

```
.background{ background-color: rgb(197,  
109, 136) }
```

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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