

Converting Colors

XYZ(32.6133, 25.0354, 16.1805)

Have a look what the booklet for
XYZ(32.6133, 25.0354, 16.1805)
contains.

XYZ(32.5403, 24.9249, 16.1926)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.5403, 24.9249,
16.1926)**

Conversions

Conversions Part 1

Format	Color
Hex	CA6F68
RGB	202, 111, 104
RGB Percent	79%, 44%, 41%
CMY	0.2078, 0.5647, 0.5922
CMYK	0.00, 0.45, 0.49, 0.21
HSL	4°, 48%, 60%
HSV	4°, 49%, 79%
XYZ	32.5403, 24.9249, 16.1926
YIQ	137.4110, 56.4830, 17.1150

Conversions

Conversions Part 2

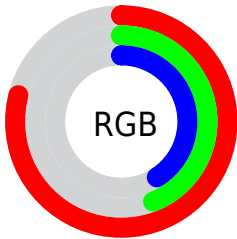
Format	Color
RYB	202, 112, 104
Decimal	13266792
CIELab	57.00, 35.12, 19.90
CIElCh	57, 40.366, 29.544
Yxy	24.9249, 0.4418, 0.3384
Android (android.graphics.Color)	4291456872 (0xFFCA6F68)
YUV	137.4110, -16.4716, 56.6446
Hunter-Lab	49.9248, 28.9753, 15.7173

Details

The XYZ color **32.5403, 24.9249, 16.1926** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **35.8837, 46.2354, 62.9102**, and the grayscale version is **23.9796, 25.2284, 27.4738**.

A 20% lighter version of the original color is **60.4319, 50.1775, 37.5105**, and **13.9089, 9.5622, 4.9835** is the 20% darker color. If you saturate the color by 10%, you get **29.7984, 20.8911, 10.8085**, and if you desaturate by 10%, it is **35.9589, 29.9189, 23.0151**.

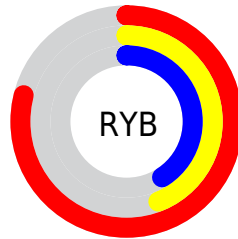
Distribution



Red (79%)

Green (44%)

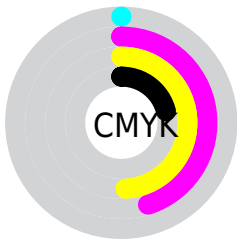
Blue (41%)



Red (79%)

Yellow (44%)

Blue (41%)

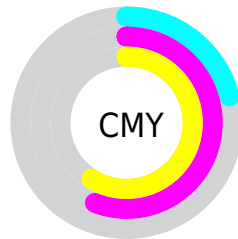


Cyan (0%)

Magenta (45%)

Yellow (49%)

Black (21%)



Cyan (21%)


Magenta (56%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.5403, 24.9249, 16.1926 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 32.5403, 24.9249, 16.1926 by changing the saturation by 10% instead.


 32.5403, 24.9249,
16.1926


 32.5403, 24.9249,
16.1926


305.2749,
277.4637, 242.3599


 21.9321, 16.0211,
9.5047


 63.0167, 51.5354,
37.7037


 13.9233, 9.5391,
4.9705


 83.6155, 70.0108,
53.3640

 8.1487, 5.0944,
2.1716

 108.2752, 92.4456,
72.8521

 4.2428, 2.3028,
0.6579

 137.3612,
119.2242, 96.5867

 1.8404, 0.7752,
0.0000

171.2388,
150.7309, 124.9862

 0.5418, 0.0000,
0.0000

210.2734,

 0.0000, 0.0000,

187.3501, 158.4692

0.0000

254.8303,
229.4663, 197.4543

■ 32.5403, 24.9249,
16.1926

■ 32.5403, 24.9249,
16.1926

■ 29.7984, 20.8911,
10.8085

■ 35.9589, 29.9189,
23.0151

■ 27.6863, 17.7524,
6.7585

■ 40.0932, 35.9251,
31.3676

■ 26.1543, 15.4414,
3.9263


■ 44.9814, 42.9966,
41.3355

■ 25.1441, 13.8798,
2.1750


■ 50.6583, 51.1815,
52.9978


■ 24.5775, 12.9711,
1.2945

■ 57.1569, 60.5249,
66.4281

 24.5201, 12.8826,
1.1942

 64.5080, 71.0695,
81.6957

 72.7409, 82.8558,
98.8663

 78.1671, 91.2966,
108.1099

Harmonies

Analogous

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



34.0268, 24.9249, 27.3474



32.5403, 24.9249, 16.1926



28.6187, 24.9249, 10.2799

Triad

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



32.5403, 24.9249, 16.1926



16.6682, 24.9249, 15.9388



23.6179, 24.9249, 62.5178

Complementary

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



32.5403, 24.9249, 16.1926



35.8837, 46.2354, 62.9102

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.



19.3630, 24.9249, 56.4431



32.5403, 24.9249, 16.1926



15.6929, 24.9249, 26.9316

Square

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



32.5403, 24.9249, 16.1926



19.4731, 24.9249, 10.1715



16.6109, 24.9249, 42.1574



28.4763, 24.9249, 56.7824

Rectangle

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



32.5403, 24.9249, 16.1926



25.3838, 24.9249, 8.7084



16.6109, 24.9249, 42.1574



22.0740, 24.9249, 61.7660

Sweetspot

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



32.5409, 24.9262, 16.1931



79.1899, 77.1727, 76.1974



39.2107, 26.4186, 54.9396



16.5275, 15.9086, 15.4432



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.



32.5409, 24.9262, 16.1931



50.3389, 35.2033, 18.0793



39.3460, 38.5363, 18.4614



11.2757, 11.3403, 11.6740



15.8032, 8.3393, 0.7767



0.8383, 0.4762, 0.0477

Inverse Universe

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



35.8837, 46.2354, 62.9102



56.6051, 75.3114, 106.1609



26.7207, 27.9095, 59.8559



11.4720, 12.5844, 14.3948



18.3995, 25.8230, 39.9709



0.9702, 1.3742, 2.0691

Previews

White Background



This preview shows how the XYZ color 32.5403, 24.9249, 16.1926 looks on a white background.

Color Contrast Check

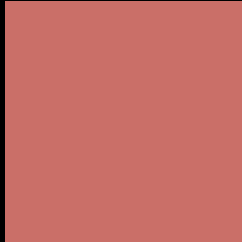
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.5403, 24.9249, 16.1926 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 32.5403, 24.9249, 16.1926

Background



This preview shows how black text looks on a background with the XYZ color 32.5403, 24.9249, 16.1926.



This preview shows how white text looks on a background with the XYZ color 32.5403, 24.9249,

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

32.5403, 24.9249, 16.1926

Protanopia

23.7751, 25.1720, 20.1286

Deuteranopia

25.4518, 25.1040, 15.5607



Tritanopia

33.3081, 24.9181, 19.8838

Trichromacy



Original Color

32.5403, 24.9249, 16.1926

Protanomaly

26.3697, 24.7152, 18.7099

Deuteranomaly

27.6881, 24.7020, 15.6206

Tritanomaly

33.1292, 25.0182, 18.4121

Monochromacy



Original Color

32.5403, 24.9249, 16.1926

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

26.1188, 24.4961, 22.7536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5403, 24.9249, 16.1926 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(202, 111, 104)` looks like.

```
.text, #text, p{  
    color:rgb(202, 111, 104)  
}
```

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(202, 111, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 111, 104) }
```

Border

The CSS property to change the border of an element to XYZ 32.5403, 24.9249, 16.1926 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(202, 111, 104) }
```


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

```
.border{ border-color:rgb(202, 111, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 111, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 111, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 111, 104);  
box-shadow:4px 4px 4px 4px rgb(202, 111,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5403, 24.9249, 16.1926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 111, 104) }
```

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

```
.background{ background-color: rgb(202,  
111, 104) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor