

Converting Colors

XYZ(32.7032, 24.8478, 16.1692)

Have a look what the booklet for
XYZ(32.7032, 24.8478, 16.1692)
contains.

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Color

**XYZ(32.7032, 24.8478,
16.1692)**

Conversions

Conversions Part 1

Format	Color
Hex	CB6E68
RGB	203, 110, 104
RGB Percent	80%, 43%, 41%
CMY	0.2039, 0.5686, 0.5922
CMYK	0.00, 0.46, 0.49, 0.20
HSL	4°, 49%, 60%
HSV	4°, 49%, 80%
XYZ	32.7032, 24.8478, 16.1692
YIQ	137.1230, 57.3540, 17.8500

Conversions

Conversions Part 2

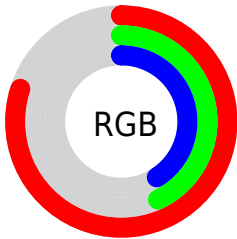
Format	Color
R _{YB}	203, 110, 104
Decimal	13332072
CIE Lab	56.93, 36.03, 19.83
CIE LCh	57, 41.120, 28.825
Yxy	24.8478, 0.4436, 0.3371
Android (android.graphics.Color)	4291522152 (0xFFCB6E68)
YUV	137.1230, -16.3296, 57.7741
Hunter-Lab	49.8476, 29.8742, 15.6612

Details

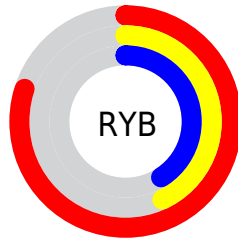
The XYZ color **32.7032, 24.8478, 16.1692** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **36.4536, 47.1851, 63.6861**, and the grayscale version is **23.8696, 25.1127, 27.3477**.

A 20% lighter version of the original color is **60.2536, 49.8209, 37.4510**, and **13.9795, 9.4431, 4.9568** is the 20% darker color. If you saturate the color by 10%, you get **29.9528, 20.8033, 10.7630**, and if you desaturate by 10%, it is **36.1458, 29.8795, 23.0310**.

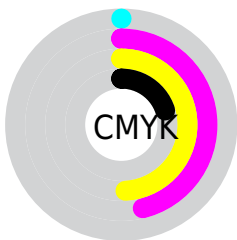
Distribution



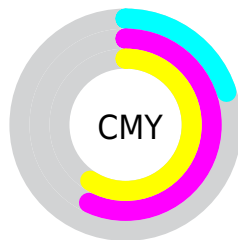
- Red (80%)
- Green (43%)
- Blue (41%)



- Red (80%)
- Yellow (43%)
- Blue (41%)



- Cyan (0%)
- Magenta (46%)
- Yellow (49%)
- Black (20%)





- Cyan (20%)
- Magenta (57%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.7032, 24.8478, 16.1692 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 32.7032, 24.8478, 16.1692 by changing the saturation by 10% instead.


 32.7032, 24.8478,
16.1692


 32.7032, 24.8478,
16.1692


305.9989,
277.0791, 242.2178


 22.0573, 15.9637,
9.4883


 63.2697, 51.4102,
37.6626

 14.0159, 9.4985,
4.9599


 83.9209, 69.8573,
53.3121

 8.2135, 5.0677,
2.1654


 108.6381, 92.2608,
72.7883

 4.2848, 2.2870,
0.6543

 137.7864,
119.0052, 96.5097

 1.8645, 0.7668,
0.0000

171.7313,
150.4749, 124.8948

 0.5561, 0.0000,
0.0000

210.8381,

 0.0000, 0.0000,

187.0541, 158.3621

0.0000

255.4722,
229.1274, 197.3303

■ 32.7032, 24.8478,
16.1692

■ 32.7032, 24.8478,
16.1692

■ 29.9528, 20.8033,
10.7630

■ 36.1458, 29.8795,
23.0310

■ 27.8458, 17.6776,
6.7061

■ 40.3210, 35.9533,
31.4416

■ 26.3304, 15.3996,
3.8799


■ 45.2686, 43.1246,
41.4880


■ 25.3456, 13.8863,
2.1447


■ 51.0248, 51.4439,
53.2506

■ 24.8083, 13.0341,
1.2801

■ 57.6235, 60.9584,
66.8042

 24.7638, 12.9671,
1.1977

 65.0968, 71.7128,
82.2193

 73.4750, 83.7493,
99.5627

 78.4385, 91.4365,
108.1226

Harmonies

Analogous

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



34.1482, 24.8478, 27.6031



32.7032, 24.8478, 16.1692



28.7471, 24.8478, 10.1064

Triad

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



32.7032, 24.8478, 16.1692



16.5416, 24.8478, 15.5093



23.4275, 24.8478, 63.2160

Complementary

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



32.7032, 24.8478, 16.1692



36.4536, 47.1851, 63.6861

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.



19.1368, 24.8478, 56.7128



32.7032, 24.8478, 16.1692



15.5098, 24.8478, 26.5143

Square

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



32.7032, 24.8478, 16.1692



19.4244, 24.8478, 9.8266



16.3922, 24.8478, 41.9766



28.3734, 24.8478, 57.6092

Rectangle

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



32.7032, 24.8478, 16.1692



25.4593, 24.8478, 8.4757



16.3922, 24.8478, 41.9766



21.8659, 24.8478, 62.3437

Sweetspot

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



32.7038, 24.8491, 16.1697



79.0817, 76.9563, 76.1613



39.7777, 26.6768, 56.5088



16.5018, 15.8573, 15.4347



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.



32.7038, 24.8491, 16.1697



49.7475, 34.2322, 17.2292



39.4311, 38.3036, 18.4121



11.2660, 11.3210, 11.6708



15.7826, 8.2982, 0.7699



0.8338, 0.4672, 0.0462

Inverse Universe

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



36.4536, 47.1851, 63.6861



56.7406, 76.0313, 106.2927



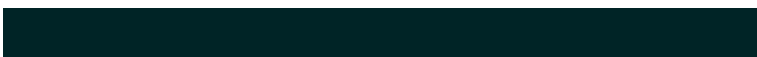
27.1650, 28.6078, 60.5898



11.4827, 12.6059, 14.3984



18.6976, 26.4192, 40.0702



0.9827, 1.3991, 2.0732

Previews

White Background



This preview shows how the XYZ color 32.7032, 24.8478, 16.1692 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 32.7032, 24.8478, 16.1692 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 32.7032, 24.8478, 16.1692

Background



This preview shows how black text looks on a background with the XYZ color 32.7032, 24.8478, 16.1692.



This preview shows how white text looks on a background with the XYZ color 32.7032, 24.8478,

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

32.7032, 24.8478, 16.1692

Protanopia

23.6581, 25.1050, 20.4284

Deuteranopia

25.3168, 24.8341, 15.5157



Tritanopia

33.4168, 24.8234, 19.5531

Trichromacy



Original Color

32.7032, 24.8478, 16.1692

Protanomaly

26.0311, 24.3479, 18.6569

Deuteranomaly

27.5634, 24.4526, 15.5790

Tritanomaly

33.2951, 24.9445, 18.3892

Monochromacy



Original Color

32.7032, 24.8478, 16.1692

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

25.9890, 24.2365, 22.7104

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7032, 24.8478, 16.1692 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(203, 110, 104)` looks like.

```
.text, #text, p{  
    color:rgb(203, 110, 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(203, 110, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 110, 104) }
```

Border

The CSS property to change the border of an element to XYZ 32.7032, 24.8478, 16.1692 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(203, 110, 104) }
```


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

```
.border{ border-color:rgb(203, 110, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 110, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 110, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 110, 104);  
box-shadow:4px 4px 4px 4px rgb(203, 110,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7032, 24.8478, 16.1692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 110, 104) }
```

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

```
.background{ background-color: rgb(203,  
110, 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](#).

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