

Converting Colors

XYZ(36.9829, 32.7464, 23.5142)

Have a look what the booklet for
XYZ(36.9829, 32.7464, 23.5142)
contains.

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Color

**XYZ(36.9824, 32.7843,
23.4476)**

Conversions

Conversions Part 1

Format	Color
Hex	C88D7C
RGB	200, 141, 124
RGB Percent	78%, 55%, 49%
CMY	0.2157, 0.4470, 0.5137
CMYK	0.00, 0.29, 0.38, 0.22
HSL	13°, 41%, 64%
HSV	13°, 38%, 78%
XYZ	36.9824, 32.7843, 23.4476
YIQ	156.7030, 40.6210, 7.2210

Conversions

Conversions Part 2

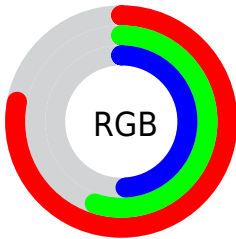
Format	Color
R _Y B	200, 146, 124
Decimal	13143420
CIE Lab	63.99, 20.26, 18.03
CIE LCh	64, 27.118, 41.666
Yxy	32.7843, 0.3967, 0.3517
Android (android.graphics.Color)	4291333500 (0xFFC88D7C)
YUV	156.7030, -16.1226, 37.9715
Hunter-Lab	57.2576, 15.0916, 15.8004

Details

The XYZ color **36.9824, 32.7843, 23.4476** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.6704, 42.3208, 60.9324**, and the grayscale version is **31.9724, 33.6375, 36.6312**.

A 20% lighter version of the original color is **68.6909, 63.4645, 50.2244**, and **16.4278, 13.7496, 8.4447** is the 20% darker color. If you saturate the color by 10%, you get **33.7127, 28.0679, 16.7378**, and if you desaturate by 10%, it is **40.8312, 38.2483, 31.6167**.

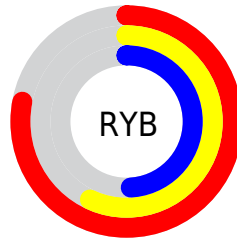
Distribution



Red (78%)

Green (55%)

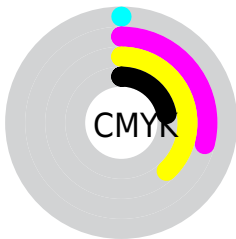
Blue (49%)



Red (78%)

Yellow (57%)

Blue (49%)

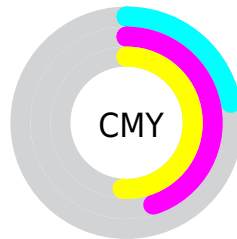


Cyan (0%)

Magenta (29%)

Yellow (38%)

Black (22%)



Cyan (22%)


Magenta (45%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.9824, 32.7843, 23.4476 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 36.9824, 32.7843, 23.4476 by changing the saturation by 10% instead.


 36.9824, 32.7843,
23.4476


 36.9824, 32.7843,
23.4476


324.5912,
314.6767, 283.2118


 25.3675, 21.9613,
14.7160


 69.8597, 64.0386,
50.0597

 16.4812, 13.8284,
8.4759


 91.8528, 85.2387,
68.7773

 9.9583, 8.0014,
4.3088


 118.0360,
110.6666, 91.6606

 5.4334, 4.0959,
1.7962

148.7747,
140.7066, 119.1281

 2.5411, 1.7273,
0.4255

184.4342,
175.7433, 151.5985

 0.9160, 0.4413,
0.0000

225.3799,

 0.0000, 0.0000,

216.1609, 189.4902

0.0000

271.9771,
262.3439, 233.2218

■ 36.9824, 32.7843,
23.4476

■ 36.9824, 32.7843,
23.4476

■ 33.7127, 28.0679,
16.7378

■ 40.8312, 38.2483,
31.6167

■ 30.9908, 24.0615,
11.3987

■ 45.2835, 44.4860,
41.3225

■ 28.7859, 20.7315,
7.3351

■ 50.3651, 51.5277,
52.6394

■ 27.0632, 18.0394,
4.4385

■ 56.0997, 59.4011,
65.6363

■ 25.7829, 15.9424,
2.5825

■ 62.5096, 68.1322,
80.3781

■ 24.8924, 14.3901,
1.5805

■ 69.6162, 77.7460,
96.9263

■ 24.7482, 14.1369,
1.4243

■ 75.9563, 87.6730,
107.5270

■ 77.6295, 91.0194,
108.0847

Harmonies

Analogous

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



38.9304, 32.7843, 31.6054



36.9824, 32.7843, 23.4476



33.5311, 32.7843, 19.2063

Triad

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



36.9824, 32.7843, 23.4476



24.6890, 32.7843, 29.4739



32.6711, 32.7843, 60.5462

Complementary

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



36.9824, 32.7843, 23.4476



35.6704, 42.3208, 60.9324

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.



28.9044, 32.7843, 59.6491



36.9824, 32.7843, 23.4476



24.5000, 32.7843, 40.1262

Square

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



36.9824, 32.7843, 23.4476



26.5235, 32.7843, 22.1631



25.9841, 32.7843, 51.6055



36.3087, 32.7843, 53.8516

Rectangle

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



36.9824, 32.7843, 23.4476



30.9472, 32.7843, 18.5136



25.9841, 32.7843, 51.6055



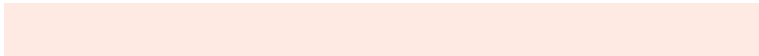
31.3748, 32.7843, 61.1542

Sweetspot

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



36.9832, 32.7859, 23.4482



84.3011, 85.2091, 84.6407



39.6302, 30.1362, 48.8197



17.7812, 17.8746, 17.5303



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.



36.9832, 32.7859, 23.4482



59.0713, 49.6173, 30.3947



43.4711, 45.7617, 25.6109



10.8232, 11.0155, 11.1185



15.7918, 9.1007, 0.9243



0.8038, 0.5431, 0.0625

Inverse Universe

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



35.6704, 42.3208, 60.9324



56.4334, 68.5012, 104.8554



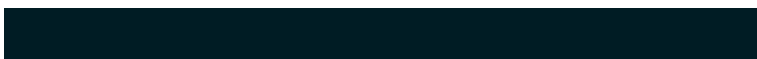
28.9449, 28.8698, 58.6906



10.7377, 11.6494, 13.6001



14.1777, 17.7493, 37.4231



0.7223, 0.9425, 1.7890

Previews

White Background



This preview shows how the XYZ color 36.9824, 32.7843, 23.4476 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 36.9824, 32.7843, 23.4476 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 36.9824, 32.7843, 23.4476

Background



This preview shows how black text looks on a background with the XYZ color 36.9824, 32.7843, 23.4476.



This preview shows how white text looks on a background with the XYZ color 36.9824, 32.7843,

23.4476.

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

36.9824, 32.7843, 23.4476

Protanopia

31.1279, 32.9739, 26.1967

Deuteranopia

33.5517, 32.8451, 22.9837



Tritanopia

38.7909, 32.8716, 32.3173

Trichromacy



Original Color

36.9824, 32.7843, 23.4476

Protanomaly

32.9341, 32.7183, 25.0015

Deuteranomaly

34.8403, 32.8066, 23.2349

Tritanomaly

37.9802, 32.7468, 28.7451

Monochromacy



Original Color

36.9824, 32.7843, 23.4476

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

33.4110, 33.0618, 31.4087

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.9824, 32.7843, 23.4476 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(200, 141, 124)` looks like.

```
.text, #text, p{  
    color:rgb(200, 141, 124)  
}
```

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(200, 141, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 141, 124) }
```

Border

The CSS property to change the border of an element to XYZ 36.9824, 32.7843, 23.4476 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(200, 141, 124) }
```


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

```
.border{ border-color:rgb(200, 141, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 141, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 141, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 141, 124);  
box-shadow:4px 4px 4px 4px rgb(200, 141,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 36.9824, 32.7843, 23.4476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 141, 124) }
```

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

```
.background{ background-color: rgb(200,  
141, 124) }
```

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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