

Converting Colors

XYZ(37.9035, 32.8370, 27.0604)

Have a look what the booklet for
XYZ(37.9035, 32.8370, 27.0604)
contains.

XYZ(37.8928, 32.7430, 26.8771)	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(37.8928, 32.7430,
26.8771)**

Conversions

Conversions Part 1

Format	Color
Hex	CA8B86
RGB	202, 139, 134
RGB Percent	79%, 55%, 53%
CMY	0.2078, 0.4549, 0.4745
CMYK	0.00, 0.31, 0.34, 0.21
HSL	4°, 39%, 66%
HSV	4°, 34%, 79%
XYZ	37.8928, 32.7430, 26.8771
YIQ	157.2670, 39.1530, 11.8010

Conversions

Conversions Part 2

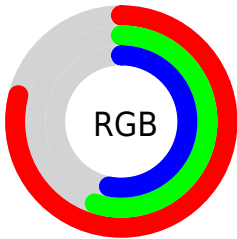
Format	Color
R _Y B	202, 139, 134
Decimal	13273990
CIE Lab	63.95, 23.37, 12.39
CIE LCh	64, 26.454, 27.925
Yxy	32.7430, 0.3886, 0.3358
Android (android.graphics.Color)	4291464070 (0xFFCA8B86)
YUV	157.2670, -11.4706, 39.2308
Hunter-Lab	57.2215, 18.0673, 12.2064

Details

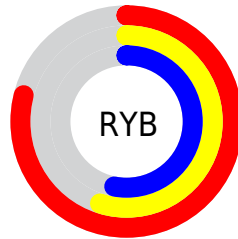
The XYZ color **37.8928, 32.7430, 26.8771** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.4577, 49.2633, 63.2536**, and the grayscale version is **32.2065, 33.8837, 36.8994**.

A 20% lighter version of the original color is **69.2796, 62.9878, 55.5201**, and **16.9440, 13.7305, 10.1447** is the 20% darker color. If you saturate the color by 10%, you get **34.1347, 27.2702, 19.3248**, and if you desaturate by 10%, it is **42.3856, 39.2542, 36.0026**.

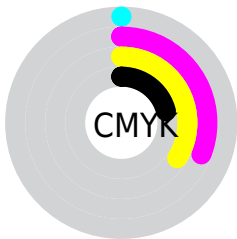
Distribution



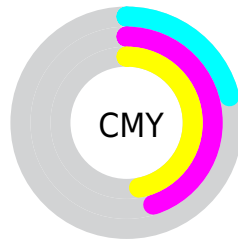
- Red (79%)
- Green (55%)
- Blue (53%)



- Red (79%)
- Yellow (55%)
- Blue (53%)



- Cyan (0%)
- Magenta (31%)
- Yellow (34%)
- Black (21%)





- Cyan (21%)
- Magenta (45%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.8928, 32.7430, 26.8771 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 37.8928, 32.7430, 26.8771 by changing the saturation by 10% instead.


 37.8928, 32.7430,
26.8771


 37.8928, 32.7430,
26.8771


328.4487,
314.4901, 300.8029

 26.0763, 21.9296,
17.2493


 71.2488, 63.9741,
55.6879

 17.0137, 13.8052,
10.2486


 93.5190, 85.1606,
75.7081

 10.3396, 7.9853,
5.4563


 120.0045,
110.5736, 100.0294

 5.6887, 4.0855,
2.4540

151.0706,
140.5975, 129.0704

 2.6956, 1.7215,
0.8156

187.0827,
175.6167, 163.2498

 0.9949, 0.4375,
0.0000

228.4062,

 0.0000, 0.0000,

216.0156, 202.9860

0.0000

275.4064,
262.1786, 248.6975

■ 37.8928, 32.7430,
26.8771

■ 37.8928, 32.7430,
26.8771

■ 34.1347, 27.2702,
19.3248

■ 42.3856, 39.2542,
36.0026

■ 31.0697, 22.7776,
13.2550

■ 47.6465, 46.8486,
46.7811

■ 28.6560, 19.2088,
8.5706

■ 53.7101, 55.5742,
59.2896

■ 26.8463, 16.4994,
5.1622

■ 60.6082, 65.4744,
73.5995

■ 25.5869, 14.5767,
2.9039

■ 68.3707, 76.5908,
89.7781

■ 24.8142, 13.3564,
1.6443

■ 76.9937, 88.9497,
107.7188

■ 24.5261, 12.8944,
1.1962

■ 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.



38.8469, 32.7430, 36.3998



37.8928, 32.7430, 26.8771



35.0843, 32.7430, 20.9341

Triad

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



37.8928, 32.7430, 26.8771



25.4348, 32.7430, 25.8251



30.8625, 32.7430, 60.3488

Complementary

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



37.8928, 32.7430, 26.8771



40.4577, 49.2633, 63.2536

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.



27.4685, 32.7430, 56.0255



37.8928, 32.7430, 26.8771



24.4944, 32.7430, 34.9137

Square

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



37.8928, 32.7430, 26.8771



27.8840, 32.7430, 20.4174



25.2087, 32.7430, 46.1539



34.5998, 32.7430, 57.0358

Rectangle

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



37.8928, 32.7430, 26.8771



32.6446, 32.7430, 19.1112



25.2087, 32.7430, 46.1539



29.6460, 32.7430, 59.7251

Sweetspot

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



37.8937, 32.7446, 26.8777



84.1342, 84.3080, 86.3340



43.0140, 33.6597, 57.3341



17.7044, 17.6079, 17.8532



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.



37.8937, 32.7446, 26.8777



59.6485, 48.8774, 36.4275



43.5146, 43.9865, 28.7514



11.2775, 11.3440, 11.6747



15.8074, 8.3478, 0.7781



0.8391, 0.4779, 0.0480

Inverse Universe

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



40.4577, 49.2633, 63.2536



64.5988, 80.8162, 106.8021



33.6727, 35.6933, 60.9919



11.4699, 12.5802, 14.3941



18.3418, 25.7077, 39.9516



0.9678, 1.3694, 2.0682

Previews

White Background



This preview shows how the XYZ color 37.8928, 32.7430, 26.8771 looks on a white background.

Color Contrast Check

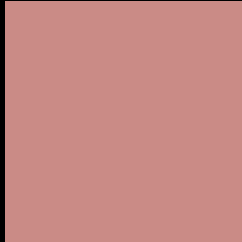
Large Text (above 18pt) WCAG AA × Fail

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 37.8928, 32.7430, 26.8771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

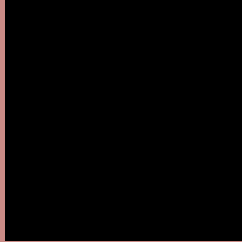
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.8928, 32.7430, 26.8771

Background



This preview shows how black text looks on a background with the XYZ color 37.8928, 32.7430, 26.8771.



This preview shows how white text looks on a background with the XYZ color 37.8928, 32.7430,

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

37.8928, 32.7430, 26.8771

Protanopia

31.3018, 32.9728, 30.3058

Deuteranopia

33.5027, 32.7445, 26.3843



Tritanopia

38.8407, 32.6944, 31.8673

Trichromacy



Original Color

37.8928, 32.7430, 26.8771

Protanomaly

33.3121, 32.5891, 28.9607

Deuteranomaly

34.8526, 32.5090, 26.6282

Tritanomaly

38.5996, 32.8265, 29.8929

Monochromacy



Original Color

37.8928, 32.7430, 26.8771

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

33.5647, 32.8669, 33.0087

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.8928, 32.7430, 26.8771 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, 139, 134)` looks like.

```
.text, #text, p{  
    color:rgb(202, 139, 134)  
}
```

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, 139, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 139, 134) }
```

Border

The CSS property to change the border of an element to XYZ 37.8928, 32.7430, 26.8771 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, 139, 134) }
```


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

```
.border{ border-color:rgb(202, 139, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 139, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 139, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 139, 134);  
box-shadow:4px 4px 4px 4px rgb(202, 139,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 37.8928, 32.7430, 26.8771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 139, 134) }
```

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

```
.background{ background-color: rgb(202,  
139, 134) }
```

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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