

Converting Colors

XYZ(37.4050, 32.1201, 24.3069)

Have a look what the booklet for
XYZ(37.4050, 32.1201, 24.3069)
contains.

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Color

**XYZ(37.4050, 32.1201,
24.3070)**

Conversions

Conversions Part 1

Format	Color
Hex	CB897F
RGB	203, 137, 127
RGB Percent	80%, 54%, 50%
CMY	0.2039, 0.4627, 0.5020
CMYK	0.00, 0.33, 0.37, 0.20
HSL	8°, 42%, 65%
HSV	8°, 37%, 80%
XYZ	37.4050, 32.1201, 24.3070
YIQ	155.5940, 42.5460, 10.8820

Conversions

Conversions Part 2

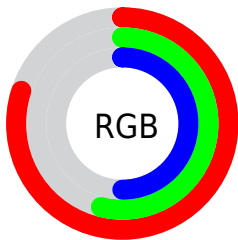
Format	Color
R _Y B	203, 139, 127
Decimal	13339007
CIE Lab	63.44, 23.99, 15.64
CIE LCh	63, 28.637, 33.110
Yxy	32.1201, 0.3986, 0.3423
Android (android.graphics.Color)	4291529087 (0xFFCB897F)
YUV	155.5940, -14.0968, 41.5751
Hunter-Lab	56.6746, 18.6287, 14.2435

Details

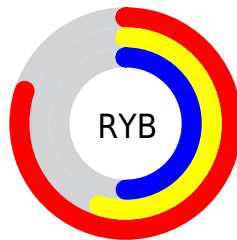
The XYZ color **37.4050, 32.1201, 24.3070** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.6011, 46.9620, 63.5300**, and the grayscale version is **31.4673, 33.1060, 36.0525**.

A 20% lighter version of the original color is **68.1090, 61.8169, 51.5221**, and **16.7356, 13.4087, 8.9138** is the 20% darker color. If you saturate the color by 10%, you get **33.9086, 27.0354, 17.2588**, and if you desaturate by 10%, it is **41.5791, 38.1333, 32.8968**.

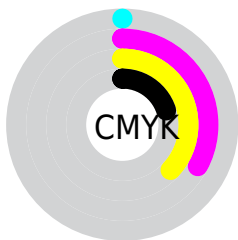
Distribution



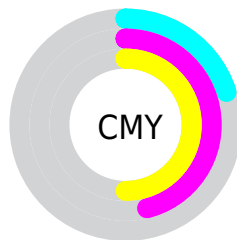
- Red (80%)
- Green (54%)
- Blue (50%)



- Red (80%)
- Yellow (55%)
- Blue (50%)



- Cyan (0%)
- Magenta (33%)
- Yellow (37%)
- Black (20%)





- Cyan (20%)
- Magenta (46%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.4050, 32.1201, 24.3070 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 37.4050, 32.1201, 24.3070 by changing the saturation by 10% instead.


 37.4050, 32.1201,
24.3070


 37.4050, 32.1201,
24.3070


326.3858,
311.6660, 287.7053


 25.6963, 21.4532,
15.3472


 70.5050, 62.9993,
51.4808

 16.7281, 13.4557,
8.9141


 92.6271, 83.9805,
70.5319

 10.1349, 7.7431,
4.5891


 118.9510,
109.1685, 93.7839

 5.5515, 3.9310,
1.9538

149.8422,
138.9479, 121.6552

 2.6124, 1.6350,
0.5266

185.6658,
173.7029, 154.5645

 0.9523, 0.3811,
0.0000

226.7874,

 0.0000, 0.0000,

213.8180, 192.9302

0.0000

273.5723,
259.6776, 237.1710

■ 37.4050, 32.1201,
24.3070

■ 37.4050, 32.1201,
24.3070

■ 33.9086, 27.0354,
17.2588

■ 41.5791, 38.1333,
32.8968

■ 31.0513, 22.8285,
11.6588

■ 46.4616, 45.1132,
43.1102

■ 28.7947, 19.4506,
7.4066

■ 52.0844, 53.1018,
55.0256

■ 27.0950, 16.8466,
4.3879

■ 58.4767, 62.1368,
68.7158

■ 25.9022, 14.9543,
2.4696

■ 65.6661, 72.2542,
84.2495

■ 25.1533, 13.7004,
1.4681

■ 73.6788, 83.4884,
101.6915

■ 25.0142, 13.4677,
1.2811

■ 78.4386, 91.4365,
108.1226

Harmonies

Analogous

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



38.8340, 32.1201, 33.7967



37.4050, 32.1201, 24.3070



34.1262, 32.1201, 18.8302

Triad

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



37.4050, 32.1201, 24.3070



24.1947, 32.1201, 25.9605



30.9466, 32.1201, 61.7688

Complementary

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



37.4050, 32.1201, 24.3070



38.6011, 46.9620, 63.5300

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.



27.1943, 32.1201, 58.4130



37.4050, 32.1201, 24.3070



23.5018, 32.1201, 36.1770

Square

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



37.4050, 32.1201, 24.3070



26.5334, 32.1201, 19.6288



24.5523, 32.1201, 48.3767



34.9073, 32.1201, 56.7537

Rectangle

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



37.4050, 32.1201, 24.3070



31.4573, 32.1201, 17.4029



24.5523, 32.1201, 48.3767



29.6195, 32.1201, 61.5847

Sweetspot

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



37.4058, 32.1217, 24.3076



83.5741, 83.7551, 84.3984



41.9707, 31.7766, 55.0389



17.6092, 17.5307, 17.4729



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.



37.4058, 32.1217, 24.3076



57.7726, 46.7219, 30.8810



43.5698, 44.4496, 26.3623



11.3294, 11.4478, 11.6920



15.9570, 8.6469, 0.8280



0.8632, 0.5261, 0.0561

Inverse Universe

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



38.6011, 46.9620, 63.5300



60.0365, 75.0754, 105.9345



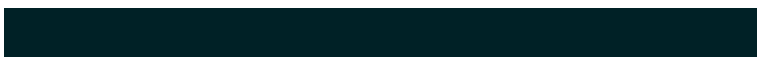
31.4430, 32.6458, 61.1439



11.4124, 12.4653, 14.3749



16.8229, 22.6697, 39.4453



0.9037, 1.2412, 2.0469

Previews

White Background



This preview shows how the XYZ color 37.4050, 32.1201, 24.3070 looks on a white background.

Color Contrast Check

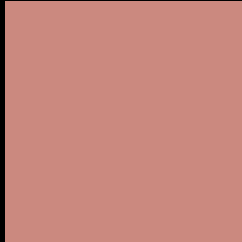
Large Text (above 18pt) WCAG AA × Fail

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 37.4050, 32.1201, 24.3070 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 37.4050, 32.1201, 24.3070

Background



This preview shows how black text looks on a background with the XYZ color 37.4050, 32.1201, 24.3070.



This preview shows how white text looks on a background with the XYZ color 37.4050, 32.1201,

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

37.4050, 32.1201, 24.3070

Protanopia

30.6267, 32.4375, 27.5685

Deuteranopia

32.8820, 32.2442, 23.8927



Tritanopia

38.8128, 32.0737, 30.9332

Trichromacy



Original Color

37.4050, 32.1201, 24.3070

Protanomaly

32.6593, 32.0759, 26.2997

Deuteranomaly

34.4782, 32.1442, 24.1259

Tritanomaly

38.1533, 32.0003, 28.2105

Monochromacy



Original Color

37.4050, 32.1201, 24.3070

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

33.0919, 32.4235, 31.3023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.4050, 32.1201, 24.3070 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, 137, 127)` looks like.

```
.text, #text, p{  
    color:rgb(203, 137, 127)  
}
```

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, 137, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 137, 127) }
```

Border

The CSS property to change the border of an element to XYZ 37.4050, 32.1201, 24.3070 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, 137, 127) }
```


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

```
.border{ border-color:rgb(203, 137, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 137, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 137, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 137, 127);  
box-shadow:4px 4px 4px 4px rgb(203, 137,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4050, 32.1201, 24.3070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 137, 127) }
```

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

```
.background{ background-color: rgb(203,  
137, 127) }
```

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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