

Converting Colors

XYZ(34.9760, 32.2779, 24.8713)

Have a look what the booklet for
XYZ(34.9760, 32.2779, 24.8713)
contains.

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Color

**XYZ(35.1047, 32.4522,
24.8358)**

Conversions

Conversions Part 1

Format	Color
Hex	BE9080
RGB	190, 144, 128
RGB Percent	75%, 56%, 50%
CMY	0.2549, 0.4353, 0.4980
CMYK	0.00, 0.24, 0.33, 0.25
HSL	15°, 32%, 62%
HSV	15°, 33%, 75%
XYZ	35.1047, 32.4522, 24.8358
YIQ	155.9300, 32.5520, 4.7760

Conversions

Conversions Part 2

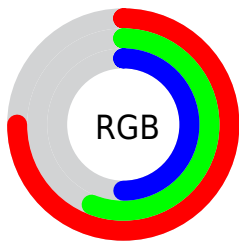
Format	Color
R _Y B	190, 150, 128
Decimal	12488832
CIE Lab	63.71, 15.14, 15.24
CIE LCh	64, 21.482, 45.187
Yxy	32.4522, 0.3800, 0.3512
Android (android.graphics.Color)	4290678912 (0xFFBE9080)
YUV	155.9300, -13.7695, 29.8794
Hunter-Lab	56.9668, 10.3052, 14.0282

Details

The XYZ color **35.1047, 32.4522, 24.8358** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.3318, 38.5776, 54.4045**, and the grayscale version is **31.6187, 33.2654, 36.2260**.

A 20% lighter version of the original color is **66.8923, 63.4985, 52.4469**, and **15.3173, 13.5441, 9.2041** is the 20% darker color. If you saturate the color by 10%, you get **31.9662, 27.9925, 18.1867**, and if you desaturate by 10%, it is **38.7457, 37.5418, 32.8085**.

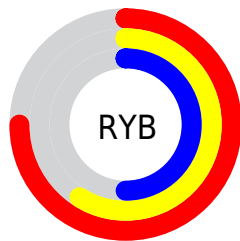
Distribution



Red (75%)

Green (56%)

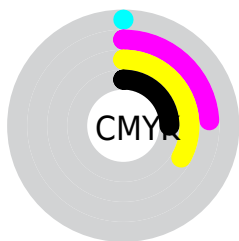
Blue (50%)



Red (75%)

Yellow (59%)

Blue (50%)

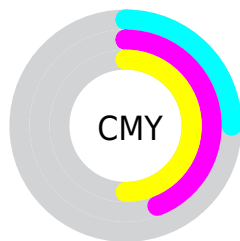


Cyan (0%)

Magenta (24%)

Yellow (33%)

Black (25%)



Cyan (25%)


Magenta (44%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1047, 32.4522, 24.8358 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 35.1047, 32.4522, 24.8358 by changing the saturation by 10% instead.


 35.1047, 32.4522,
24.8358


 35.1047, 32.4522,
24.8358


316.5302,
313.1740, 290.4407


 23.9104, 21.7071,
15.7369


 66.9809, 63.5193,
52.3515

 15.3916, 13.6419,
9.1858


 88.3935, 84.6102,
71.6054

 9.1828, 7.8720,
4.7641


 113.9430,
109.9184, 95.0813

 4.9186, 4.0132,
2.0532

143.9946,
139.8284, 123.1978

 2.2339, 1.6809,
0.5877

178.9138,
174.7246, 156.3735

 0.7605, 0.4113,
0.0000

219.0659,

 0.0000, 0.0000,

214.9913, 195.0268

0.0000

264.8162,
261.0130, 239.5764

■ 35.1047, 32.4522,
24.8358

■ 35.1047, 32.4522,
24.8358

■ 31.9662, 27.9925,
18.1867

■ 38.7457, 37.5418,
32.8085

■ 29.3047, 24.1333,
12.7868

■ 42.9081, 43.2801,
42.1694

■ 27.0963, 20.8496,
8.5577

■ 47.6126, 49.6907,
52.9814

■ 25.3139, 18.1128,
5.4109

■ 52.8784, 56.7949,
65.3030

■ 23.9270, 15.8917,
3.2452

■ 58.7235, 64.6126,
79.1893

■ 22.9007, 14.1514,
1.9400

■ 65.1650, 73.1633,
94.6927

■ 22.3353, 13.1475,
1.3605

■ 71.2381, 82.0730,
106.6948

■ 75.0452, 89.6871,
107.9638

Harmonies

Analogous

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



36.7719, 32.4522, 31.1696



35.1047, 32.4522, 24.8358



32.3477, 32.4522, 21.6151

Triad

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



35.1047, 32.4522, 24.8358



25.5829, 32.4522, 31.2659



32.3854, 32.4522, 53.8587

Complementary

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



35.1047, 32.4522, 24.8358



33.3318, 38.5776, 54.4045

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.



29.3892, 32.4522, 53.8958



35.1047, 32.4522, 24.8358



25.5916, 32.4522, 39.8558

Square

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



35.1047, 32.4522, 24.8358



26.9199, 32.4522, 24.8964



26.9443, 32.4522, 48.4408



35.1338, 32.4522, 48.3464

Rectangle

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



35.1047, 32.4522, 24.8358



30.3247, 32.4522, 21.2691



26.9443, 32.4522, 48.4408



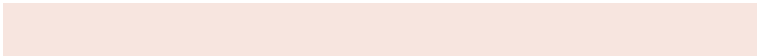
31.3709, 32.4522, 54.5381

Sweetspot

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



35.1055, 32.4537, 24.8365



79.7680, 81.1834, 81.0059



36.6433, 29.4613, 44.0558



17.2600, 17.4765, 17.2029



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.1055, 32.4537, 24.8365



59.5409, 53.0347, 36.3271



40.3644, 42.9714, 26.5894



9.7250, 9.9260, 9.9800



14.9066, 8.8521, 0.9230



0.6388, 0.4566, 0.0545

Inverse Universe

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



33.3318, 38.5776, 54.4045



55.8241, 65.7865, 98.0350



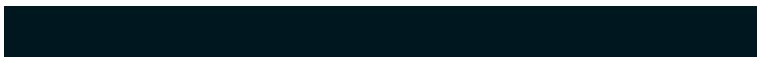
28.0944, 28.1027, 52.6587



9.5945, 10.3813, 12.1703



12.5752, 15.2622, 34.6760



0.5426, 0.6978, 1.3750

Previews

White Background



This preview shows how the XYZ color 35.1047, 32.4522, 24.8358 looks on a white background.

Color Contrast Check

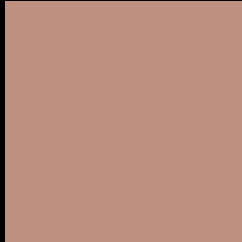
Large Text (above 18pt) WCAG AA × Fail

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 35.1047, 32.4522, 24.8358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

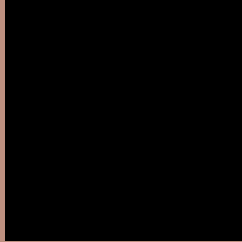
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.1047, 32.4522, 24.8358

Background



This preview shows how black text looks on a background with the XYZ color 35.1047, 32.4522, 24.8358.



This preview shows how white text looks on a background with the XYZ color 35.1047, 32.4522,

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

35.1047, 32.4522, 24.8358

Protanopia

30.6895, 32.4860, 26.8432

Deuteranopia

33.1686, 32.6109, 24.6250



Tritanopia

36.8490, 32.4906, 33.6073

Trichromacy



Original Color

35.1047, 32.4522, 24.8358

Protanomaly

32.0163, 32.2220, 26.0048

Deuteranomaly

33.7929, 32.4670, 24.5644

Tritanomaly

36.1168, 32.4055, 30.3379

Monochromacy



Original Color

35.1047, 32.4522, 24.8358

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.5650, 32.8566, 31.8197

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1047, 32.4522, 24.8358 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(190, 144, 128)` looks like.

```
.text, #text, p{  
    color:rgb(190, 144, 128)  
}
```

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(190, 144, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 144, 128) }
```

Border

The CSS property to change the border of an element to XYZ 35.1047, 32.4522, 24.8358 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(190, 144, 128) }
```


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

```
.border{ border-color:rgb(190, 144, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 144, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 144, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 144, 128);  
box-shadow:4px 4px 4px 4px rgb(190, 144,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1047, 32.4522, 24.8358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 144, 128) }
```

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

```
.background{ background-color: rgb(190,  
144, 128) }
```

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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