

Converting Colors

XYZ(35.3356, 34.5001, 24.2421)

Have a look what the booklet for
XYZ(35.3356, 34.5001, 24.2421)
contains.

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Color

**XYZ(35.1796, 34.3762,
24.1831)**

Conversions

Conversions Part 1

Format	Color
Hex	BA987D
RGB	186, 152, 125
RGB Percent	73%, 60%, 49%
CMY	0.2706, 0.4039, 0.5098
CMYK	0.00, 0.18, 0.33, 0.27
HSL	27°, 31%, 61%
HSV	27°, 33%, 73%
XYZ	35.1796, 34.3762, 24.1831
YIQ	159.0880, 28.9310, -1.1890

Conversions

Conversions Part 2

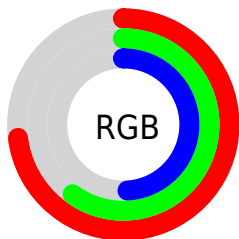
Format	Color
RYB	186, 173, 125
Decimal	12228733
CIELab	65.26, 8.74, 18.98
CIElCh	65, 20.897, 65.291
Yxy	34.3762, 0.3753, 0.3667
Android (android.graphics.Color)	4290418813 (0xFFBA987D)
YUV	159.0880, -16.8054, 23.6018
Hunter-Lab	58.6312, 4.4980, 16.5870

Details

The XYZ color **35.1796, 34.3762, 24.1831** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **29.7182, 32.7004, 51.2000**, and the grayscale version is **33.0608, 34.7825, 37.8782**.

A 20% lighter version of the original color is **67.0693, 66.4117, 51.4033**, and **15.4739, 14.7347, 8.8660** is the 20% darker color. If you saturate the color by 10%, you get **32.4915, 30.7267, 17.9637**, and if you desaturate by 10%, it is **38.2391, 38.4120, 31.6249**.

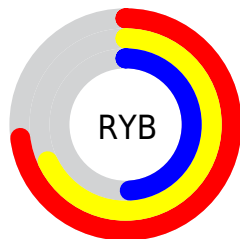
Distribution



Red (73%)

Green (60%)

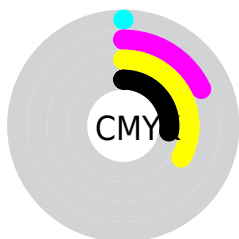
Blue (49%)



Red (73%)

Yellow (68%)

Blue (49%)

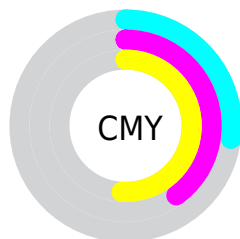


Cyan (0%)

Magenta (18%)

Yellow (33%)

Black (27%)



Cyan (27%)


Magenta (40%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1796, 34.3762, 24.1831 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 35.1796, 34.3762, 24.1831 by changing the saturation by 10% instead.


 35.1796, 34.3762,
24.1831


 35.1796, 34.3762,
24.1831


316.8545,
321.8063, 287.0612


 23.9684, 23.1828,
15.2560

 67.0961, 66.5183,
51.2764

 15.4348, 14.7285,
8.8507


 88.5321, 88.2357,
70.2797

 9.2134, 8.6291,
4.5484


 114.1071,
114.2299, 93.4789

 4.9389, 4.5000,
1.9308

144.1865,
144.8852, 121.2924

 2.2458, 1.9570,
0.5122

179.1356,
180.5861, 154.1389

 0.7667, 0.5823,
0.0000

219.3197,

 0.0000, 0.0000,

221.7170, 192.4368

0.0000

265.1042,
268.6623, 236.6047

■ 35.1796, 34.3762,
24.1831

■ 35.1796, 34.3762,
24.1831

■ 32.4915, 30.7267,
17.9637

■ 38.2391, 38.4120,
31.6249

■ 30.1559, 27.4463,
12.8977

■ 41.6824, 42.8412,
40.3486

■ 28.1562, 24.5233,
8.9125


■ 45.5246, 47.6766,
50.4123


■ 26.4730, 21.9435,
5.9263


■ 49.7790, 52.9289,
61.8701


■ 25.0844, 19.6912,
3.8453


■ 54.4585, 58.6084,
74.7729

 23.9650, 17.7493,
2.5573

 59.5751, 64.7252,
89.1690

 23.2927, 16.5251,
1.9620

 65.1081, 71.2757,
104.9338

 67.9889, 77.0375,
105.8941

 71.0427, 83.1451,
106.9120

Harmonies

Analogous

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



37.6832, 34.3762, 28.5634



35.1796, 34.3762, 24.1831



32.1372, 34.3762, 23.1068

Triad

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



35.1796, 34.3762, 24.1831



27.1894, 34.3762, 38.9957



36.1700, 34.3762, 52.8325

Complementary

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



35.1796, 34.3762, 24.1831



29.7182, 32.7004, 51.2000

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.



33.2158, 34.3762, 56.7068



35.1796, 34.3762, 24.1831



28.1288, 34.3762, 47.9639

Square

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



35.1796, 34.3762, 24.1831



27.6436, 34.3762, 30.8562



30.2894, 34.3762, 54.7999



38.2794, 34.3762, 44.8765

Rectangle

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



35.1796, 34.3762, 24.1831



30.2382, 34.3762, 24.2369



30.2894, 34.3762, 54.7999



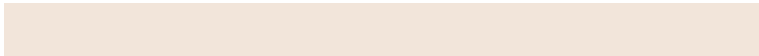
35.2362, 34.3762, 54.7072

Sweetspot

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



35.1805, 34.3778, 24.1838



77.3119, 79.8846, 77.6913



33.8909, 27.6296, 36.6064



16.8158, 17.3264, 16.5652



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



35.1805, 34.3778, 24.1838



60.3573, 57.7047, 35.8796



40.6659, 45.3486, 26.0123



9.3230, 9.6490, 9.4780



15.7429, 11.2621, 1.3441



0.6168, 0.5208, 0.0680

Inverse Universe

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



29.7182, 32.7004, 51.2000



48.9893, 54.2068, 92.0823



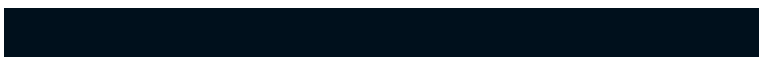
25.1798, 23.6236, 49.6872



8.9250, 9.5272, 11.4480



9.3459, 9.1514, 32.5269



0.3901, 0.4439, 1.1669

Previews

White Background



This preview shows how the XYZ color 35.1796, 34.3762, 24.1831 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 35.1796, 34.3762, 24.1831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

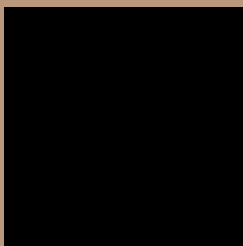
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.1796, 34.3762, 24.1831

Background



This preview shows how black text looks on a background with the XYZ color 35.1796, 34.3762, 24.1831.



This preview shows how white text looks on a background with the XYZ color 35.1796, 34.3762,

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

35.1796, 34.3762, 24.1831

Protanopia

32.2716, 34.3371, 25.3489

Deuteranopia

34.9375, 34.2514, 24.1718



Tritanopia

37.9269, 34.3178, 37.4259

Trichromacy



Original Color

35.1796, 34.3762, 24.1831

Protanomaly

33.3984, 34.4232, 24.9627

Deuteranomaly

34.9375, 34.2514, 24.1718

Tritanomaly

37.0002, 34.4203, 32.2974

Monochromacy



Original Color

35.1796, 34.3762, 24.1831

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.5171, 34.3185, 32.4614

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1796, 34.3762, 24.1831 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(186, 152, 125)` looks like.

```
.text, #text, p{  
    color:rgb(186, 152, 125)  
}
```

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(186, 152, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 152, 125) }
```

Border

The CSS property to change the border of an element to XYZ 35.1796, 34.3762, 24.1831 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(186, 152, 125) }
```


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

```
.border{ border-color:rgb(186, 152, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 152, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 152, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 152, 125);  
box-shadow:4px 4px 4px 4px rgb(186, 152,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1796, 34.3762, 24.1831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 152, 125) }
```

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

```
.background{ background-color: rgb(186,  
152, 125) }
```

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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