

Converting Colors

XYZ(36.0837, 35.8224, 24.4146)

Have a look what the booklet for
XYZ(36.0837, 35.8224, 24.4146)
contains.

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Color

**XYZ(36.0837, 35.8224,
24.4146)**

Conversions

Conversions Part 1

Format	Color
Hex	BB9C7D
RGB	187, 156, 125
RGB Percent	73%, 61%, 49%
CMY	0.2667, 0.3882, 0.5098
CMYK	0.00, 0.17, 0.33, 0.27
HSL	30°, 31%, 61%
HSV	30°, 33%, 73%
XYZ	36.0837, 35.8224, 24.4146
YIQ	161.7350, 28.4270, -3.0690

Conversions

Conversions Part 2

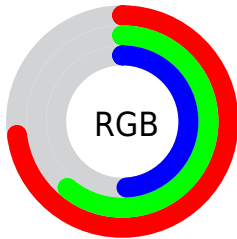
Format	Color
RYB	187, 187, 125
Decimal	12295293
CIELab	66.38, 6.94, 20.54
CIElCh	66, 21.678, 71.328
Yxy	35.8224, 0.3746, 0.3719
Android (android.graphics.Color)	4290485373 (0xFFBB9C7D)
YUV	161.7350, -18.1104, 22.1574
Hunter-Lab	59.8518, 2.8741, 17.7108

Details

The XYZ color **36.0837, 35.8224, 24.4146** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **29.3153, 31.7238, 51.5922**, and the grayscale version is **34.2921, 36.0780, 39.2890**.

A 20% lighter version of the original color is **68.3907, 68.5406, 51.7446**, and **16.0289, 15.6115, 9.0060** is the 20% darker color. If you saturate the color by 10%, you get **33.4911, 32.3723, 18.2013**, and if you desaturate by 10%, it is **39.0238, 39.6073, 31.8542**.

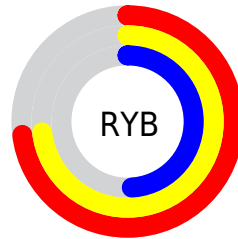
Distribution



Red (73%)

Green (61%)

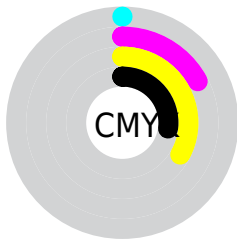
Blue (49%)



Red (73%)

Yellow (73%)

Blue (49%)

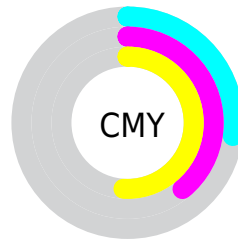


Cyan (0%)

Magenta (17%)

Yellow (33%)

Black (27%)



Cyan (27%)

Magenta (39%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0837, 35.8224, 24.4146 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 36.0837, 35.8224, 24.4146 by changing the saturation by 10% instead.

■ 36.0837, 35.8224,
24.4146

■ 36.0837, 35.8224,
24.4146

320.7511,
328.1836, 288.2637

■ 24.6693, 24.2971,
15.4264

■ 68.4843, 68.7579,
51.6582

■ 15.9582, 15.5541,
8.9693

■ 90.2011, 90.9368,
70.7507

■ 9.5853, 9.2092,
4.6246

■ 116.0828,
117.4357, 94.0484

■ 5.1850, 4.8779,
1.9739

146.4946,
148.6389, 121.9699

■ 2.3921, 2.1758,
0.5391

181.8020,
184.9310, 154.9336

■ 0.8412, 0.7067,
0.0000

222.3703,

■ 0.0000, 0.0000,

226.6962, 193.3581

0.0000

268.5649,
274.3189, 237.6619

■ 36.0837, 35.8224,
24.4146

■ 36.0837, 35.8224,
24.4146

■ 33.4911, 32.3723,
18.2013

■ 39.0238, 39.6073,
31.8542

■ 31.2280, 29.2416,
13.1444

■ 42.3231, 43.7320,
40.5802

■ 29.2784, 26.4207,
9.1707


■ 45.9956, 48.2075,
50.6514


■ 27.6241, 23.8977,
6.1972


■ 50.0543, 53.0428,
62.1221


■ 26.2441, 21.6594,
4.1287


■ 54.5109, 58.2465,
75.0439

 25.1137, 19.6908,
2.8511

 59.3771, 63.8269,
89.4655

 24.4530, 18.4837,
2.2789

 64.5181, 69.7339,
104.6673

 67.0623, 74.8223,
105.5153

 69.7462, 80.1900,
106.4100

Harmonies

Analogous

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



38.9486, 35.8224, 28.3602



36.0837, 35.8224, 24.4146



32.8380, 35.8224, 23.9839

Triad

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



36.0837, 35.8224, 24.4146



28.2928, 35.8224, 42.6184



38.3341, 35.8224, 54.0105

Complementary

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



36.0837, 35.8224, 24.4146



29.3153, 31.7238, 51.5922

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.



35.2877, 35.8224, 59.2656



36.0837, 35.8224, 24.4146



29.5770, 35.8224, 52.0258

Square

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



36.0837, 35.8224, 24.4146



28.4759, 35.8224, 33.5620



32.0906, 35.8224, 58.4865



40.3036, 35.8224, 45.0057

Rectangle

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



36.0837, 35.8224, 24.4146



30.9079, 35.8224, 25.6523



32.0906, 35.8224, 58.4865



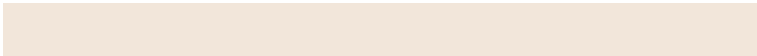
37.3942, 35.8224, 56.3340

Sweetspot

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



36.0846, 35.8241, 24.4153



77.6975, 80.6558, 77.8199



33.8282, 27.6327, 35.0036



16.9115, 17.5179, 16.5971



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.



36.0846, 35.8241, 24.4153



61.0903, 59.4740, 35.1896



41.9658, 47.5864, 26.3757



9.9137, 10.3033, 10.0429



16.9205, 12.8799, 1.5943



0.7282, 0.6354, 0.0843

Inverse Universe

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



29.3153, 31.7238, 51.5922



47.0494, 50.9693, 91.5597



24.7611, 22.6155, 50.0741



9.3999, 9.9922, 12.1055



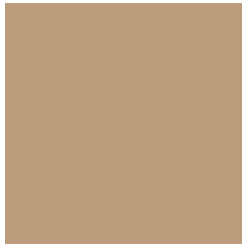
8.9790, 8.0698, 33.4773



0.4171, 0.4470, 1.3331

Previews

White Background



This preview shows how the XYZ color 36.0837, 35.8224, 24.4146 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 36.0837, 35.8224, 24.4146 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 36.0837, 35.8224, 24.4146

Background



This preview shows how black text looks on a background with the XYZ color 36.0837, 35.8224, 24.4146.



This preview shows how white text looks on a background with the XYZ color 36.0837, 35.8224,

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

36.0837, 35.8224, 24.4146

Protanopia

33.5889, 35.7927, 25.2170

Deuteranopia

36.4093, 35.7422, 24.3820



Tritanopia

39.1633, 35.8539, 39.5067

Trichromacy



Original Color

36.0837, 35.8224, 24.4146

Protanomaly

34.2955, 35.6497, 24.8122

Deuteranomaly

36.1621, 35.6147, 24.3704

Tritanomaly

38.0513, 35.8995, 33.3576

Monochromacy



Original Color

36.0837, 35.8224, 24.4146

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.7902, 35.9695, 33.5429

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0837, 35.8224, 24.4146 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(187, 156, 125)` looks like.

```
.text, #text, p{  
    color:rgb(187, 156, 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(187, 156, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 156, 125) }
```

Border

The CSS property to change the border of an element to XYZ 36.0837, 35.8224, 24.4146 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(187, 156, 125) }
```


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

```
.border{ border-color:rgb(187, 156, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 156, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 156, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 156, 125);  
box-shadow:4px 4px 4px 4px rgb(187, 156,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0837, 35.8224, 24.4146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 156, 125) }
```

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

```
.background{ background-color: rgb(187,  
156, 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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