

Converting Colors

XYZ(36.1621, 35.6147, 24.3704)

Have a look what the booklet for
XYZ(36.1621, 35.6147, 24.3704)
contains.

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Color

**XYZ(36.1621, 35.6147,
24.3704)**

Conversions

Conversions Part 1

Format	Color
Hex	BC9B7D
RGB	188, 155, 125
RGB Percent	74%, 61%, 49%
CMY	0.2627, 0.3921, 0.5098
CMYK	0.00, 0.18, 0.34, 0.26
HSL	29°, 32%, 61%
HSV	29°, 34%, 74%
XYZ	36.1621, 35.6147, 24.3704
YIQ	161.4470, 29.2980, -2.3340

Conversions

Conversions Part 2

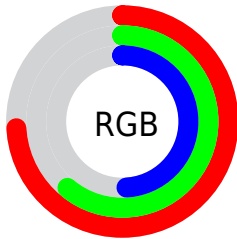
Format	Color
RYB	188, 182, 125
Decimal	12360573
CIELab	66.22, 7.89, 20.33
CIELCh	66, 21.812, 68.794
Yxy	35.6147, 0.3761, 0.3704
Android (android.graphics.Color)	4290550653 (0xFFBC9B7D)
YUV	161.4470, -17.9684, 23.2870
Hunter-Lab	59.6781, 3.7260, 17.5627

Details

The XYZ color **36.1621, 35.6147, 24.3704** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **29.7612, 32.4437, 52.2709**, and the grayscale version is **34.1566, 35.9354, 39.1337**.

A 20% lighter version of the original color is **68.4925, 68.2278, 51.6788**, and **16.0863, 15.4908, 8.9797** is the 20% darker color. If you saturate the color by 10%, you get **33.5007, 32.0354, 18.1084**, and if you desaturate by 10%, it is **39.1863, 39.5556, 31.8757**.

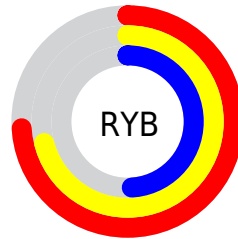
Distribution



Red (74%)

Green (61%)

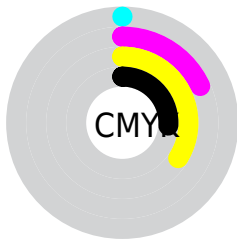
Blue (49%)



Red (74%)

Yellow (71%)

Blue (49%)

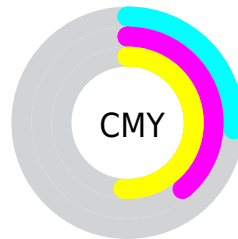


Cyan (0%)

Magenta (18%)

Yellow (34%)

Black (26%)



Cyan (26%)


Magenta (39%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.1621, 35.6147, 24.3704 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 36.1621, 35.6147, 24.3704 by changing the saturation by 10% instead.


 36.1621, 35.6147,
24.3704


 36.1621, 35.6147,
24.3704


321.0874,
327.2733, 288.0344


 24.7301, 24.1368,
15.3939


 68.6044, 68.4369,
51.5854

 16.0037, 15.4351,
8.9466


 90.3455, 90.5501,
70.6609

 9.6177, 9.1253,
4.6100


 116.2536,
116.9770, 93.9398

 5.2065, 4.8230,
1.9656

146.6941,
148.1022, 121.8406

 2.4049, 2.1438,
0.5340

182.0324,
184.3100, 154.7820

 0.8476, 0.6891,
0.0000

222.6338,

 0.0000, 0.0000,

225.9849, 193.1824

0.0000

268.8637,
273.5112, 237.4604

■ 36.1621, 35.6147,
24.3704

■ 36.1621, 35.6147,
24.3704

■ 33.5007, 32.0354,
18.1084

■ 39.1863, 39.5556,
31.8757

■ 31.1834, 28.8011,
13.0186

■ 42.5855, 43.8639,
40.6855

■ 29.1936, 25.9014,
9.0263

■ 46.3747, 48.5516,
50.8595

■ 27.5121, 23.3230,
6.0469

■ 50.5669, 53.6287,
62.4533

■ 26.1170, 21.0515,
3.9832

■ 55.1748, 59.1046,
75.5192

■ 24.9828, 19.0706,
2.7186

■ 60.2104, 64.9884,
90.1067

■ 24.3562, 17.9256,
2.1763

■ 65.4261, 71.1853,
104.8996

■ 68.1485, 76.6301,
105.8070

■ 71.0266, 82.3864,
106.7664

Harmonies

Analogous

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



38.9592, 35.6147, 28.6104



36.1621, 35.6147, 24.3704



32.9042, 35.6147, 23.6429

Triad

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



36.1621, 35.6147, 24.3704



28.0424, 35.6147, 41.5797



37.9193, 35.6147, 54.4688

Complementary

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



36.1621, 35.6147, 24.3704



29.7612, 32.4437, 52.2709

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.



34.8152, 35.6147, 59.2929



36.1621, 35.6147, 24.3704



29.2095, 35.6147, 51.1083

Square

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



36.1621, 35.6147, 24.3704



28.3520, 35.6147, 32.6575



31.6400, 35.6147, 57.9735



40.0181, 35.6147, 45.6198

Rectangle

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



36.1621, 35.6147, 24.3704



30.9287, 35.6147, 25.1123



31.6400, 35.6147, 57.9735



36.9512, 35.6147, 56.6744

Sweetspot

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



36.1630, 35.6164, 24.3711



79.3977, 82.2620, 79.6260



34.2963, 27.8484, 36.1872



16.8717, 17.4382, 16.5838



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.



36.1630, 35.6164, 24.3711



62.0274, 59.8471, 35.8369



41.9788, 47.2480, 26.3097



9.8948, 10.2657, 10.0366



16.6564, 12.3515, 1.5062



0.7180, 0.6148, 0.0808

Inverse Universe

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



29.7612, 32.4437, 52.2709



48.6940, 53.2362, 93.9354



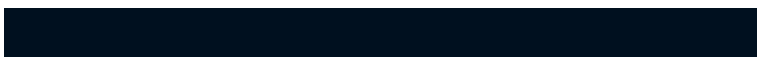
25.1372, 23.1959, 50.7296



9.4188, 10.0299, 12.1118



9.2585, 8.6288, 33.5704



0.4278, 0.4682, 1.3367

Previews

White Background



This preview shows how the XYZ color 36.1621, 35.6147, 24.3704 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 36.1621, 35.6147, 24.3704 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 36.1621, 35.6147, 24.3704

Background



This preview shows how black text looks on a background with the XYZ color 36.1621, 35.6147, 24.3704.



This preview shows how white text looks on a background with the XYZ color 36.1621, 35.6147,

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

36.1621, 35.6147, 24.3704

Protanopia

33.4357, 35.7062, 25.5518

Deuteranopia

36.4093, 35.7422, 24.3820



Tritanopia

39.1662, 35.6278, 38.9950

Trichromacy



Original Color

36.1621, 35.6147, 24.3704

Protanomaly

34.3604, 35.6757, 25.1538

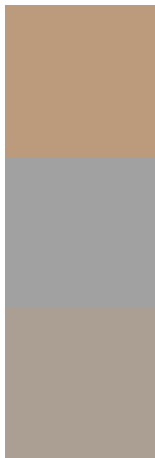
Deuteranomaly

36.4093, 35.7422, 24.3820

Tritanomaly

38.1389, 35.7028, 33.3150

Monochromacy



Original Color

36.1621, 35.6147, 24.3704

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.5380, 35.5923, 33.0666

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1621, 35.6147, 24.3704 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(188, 155, 125)` looks like.

```
.text, #text, p{  
    color:rgb(188, 155, 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(188, 155, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 155, 125) }
```

Border

The CSS property to change the border of an element to XYZ 36.1621, 35.6147, 24.3704 is called "border". The border property can be set on classes, ids or directly on the HTML element.

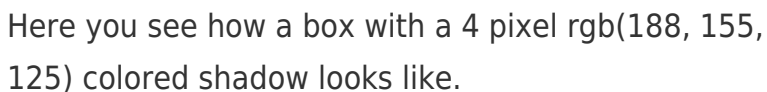
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 155, 125) }
```


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

```
.border{ border-color:rgb(188, 155, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 155, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 155, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 155, 125); box-shadow:4px 4px 4px 4px rgb(188, 155, 125) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1621, 35.6147, 24.3704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 155, 125) }
```

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

```
.background{ background-color: rgb(188,  
155, 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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