

Converting Colors

XYZ(36.4034, 36.1917, 26.5398)

Have a look what the booklet for
XYZ(36.4034, 36.1917, 26.5398)
contains.

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Color

**XYZ(36.4034, 36.1917,
26.5398)**

Conversions

Conversions Part 1

Format	Color
Hex	BA9D83
RGB	186, 157, 131
RGB Percent	73%, 62%, 51%
CMY	0.2706, 0.3843, 0.4863
CMYK	0.00, 0.16, 0.30, 0.27
HSL	28°, 28%, 62%
HSV	28°, 30%, 73%
XYZ	36.4034, 36.1917, 26.5398
YIQ	162.7070, 25.6300, -1.9380

Conversions

Conversions Part 2

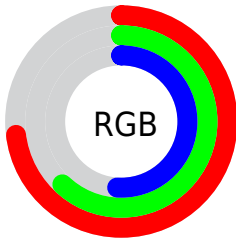
Format	Color
RYB	186, 180, 131
Decimal	12230019
CIELab	66.67, 6.79, 17.60
CIElCh	67, 18.860, 68.898
Yxy	36.1917, 0.3672, 0.3651
Android (android.graphics.Color)	4290420099 (0xFFBA9D83)
YUV	162.7070, -15.6316, 20.4280
Hunter-Lab	60.1595, 2.7337, 15.9555

Details

The XYZ color **36.4034, 36.1917, 26.5398** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **30.7936, 33.5112, 51.2998**, and the grayscale version is **34.7382, 36.5473, 39.8000**.

A 20% lighter version of the original color is **69.1574, 69.6023, 55.1370**, and **16.1550, 15.8077, 9.9843** is the 20% darker color. If you saturate the color by 10%, you get **33.6614, 32.5472, 19.9548**, and if you desaturate by 10%, it is **39.5068, 40.1964, 34.3626**.

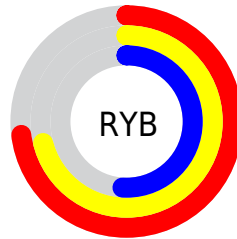
Distribution



Red (73%)

Green (62%)

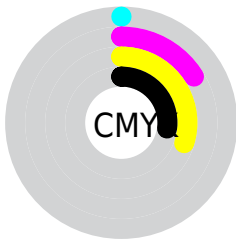
Blue (51%)



Red (73%)

Yellow (71%)

Blue (51%)

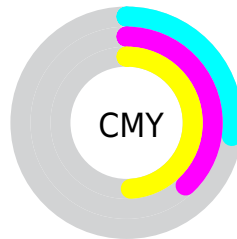


Cyan (0%)

Magenta (16%)

Yellow (30%)

Black (27%)



Cyan (27%)


Magenta (38%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.4034, 36.1917, 26.5398 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 36.4034, 36.1917, 26.5398 by changing the saturation by 10% instead.


 36.4034, 36.1917,
26.5398


 36.4034, 36.1917,
26.5398


322.1209,
329.7977, 299.1113

 24.9175, 24.5823,
16.9985


 68.9741, 69.3278,
55.1392

 16.1440, 15.7661,
10.0715

 90.7895, 91.6234,
75.0345

 9.7176, 9.3588,
5.3402


 116.7788,
118.2497, 99.2181

 5.2729, 4.9760,
2.3860

147.3073,
149.5913, 128.1087

 2.4447, 2.2332,
0.7788

182.7404,
186.0325, 162.1248

 0.8674, 0.7380,
0.0000

223.4435,

 0.0000, 0.0000,

227.9577, 201.6849

0.0000

269.7819,
275.7513, 247.2075

■ 36.4034, 36.1917,
26.5398

■ 36.4034, 36.1917,
26.5398

■ 33.6614, 32.5472,
19.9548

■ 39.5068, 40.1964,
34.3626

■ 31.2628, 29.2469,
14.5405

■ 42.9830, 44.5669,
43.4811

■ 29.1920, 26.2806,
10.2269

■ 46.8463, 49.3147,
53.9520

■ 27.4310, 23.6358,
6.9354

■ 51.1093, 54.4494,
65.8281

■ 25.9595, 21.2988,
4.5767

■ 55.7842, 59.9804,
79.1594

■ 24.7542, 19.2545,
3.0460

■ 60.8824, 65.9163,
93.9932

■ 23.7737, 17.4800,
2.1440

■ 65.4002, 71.8599,
105.0311

■ 23.7346, 17.4087,
2.1093

■ 68.1379, 77.3354,
105.9437

■ 71.0305, 83.1207,
106.9079

Harmonies

Analogous

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



38.8277, 36.1917, 30.3772



36.4034, 36.1917, 26.5398



33.5612, 36.1917, 25.8839

Triad

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



36.4034, 36.1917, 26.5398



29.2799, 36.1917, 41.8761



37.9443, 36.1917, 52.8782

Complementary

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



36.4034, 36.1917, 26.5398



30.7936, 33.5112, 51.2998

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.



35.2509, 36.1917, 56.9703



36.4034, 36.1917, 26.5398



30.3208, 36.1917, 50.0685

Square

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



36.4034, 36.1917, 26.5398



29.5507, 36.1917, 34.0386



32.4698, 36.1917, 55.8768



39.7508, 36.1917, 45.3113

Rectangle

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



36.4034, 36.1917, 26.5398



31.8264, 36.1917, 27.2364



32.4698, 36.1917, 55.8768



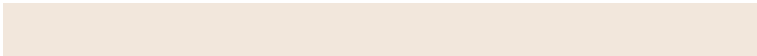
37.1068, 36.1917, 54.7500

Sweetspot

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



36.4043, 36.1934, 26.5405



78.1890, 81.1277, 79.5595



34.7407, 29.2219, 37.2205



17.0049, 17.6000, 16.9508



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.



36.4043, 36.1934, 26.5405



62.9205, 61.5542, 40.6706



41.5218, 46.4283, 28.2464



9.3454, 9.6937, 9.4854



16.0418, 11.8599, 1.4437



0.6276, 0.5422, 0.0716

Inverse Universe

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



30.7936, 33.5112, 51.2998



51.2184, 55.9581, 92.3029



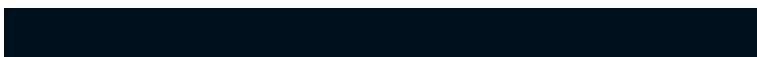
26.5882, 25.1004, 49.8980



8.9024, 9.4820, 11.4404



8.9805, 8.4207, 32.4051



0.3780, 0.4198, 1.1628

Previews

White Background



This preview shows how the XYZ color 36.4034, 36.1917, 26.5398 looks on a white background.

Color Contrast Check

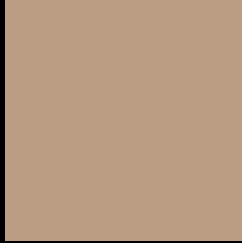
Large Text (above 18pt) WCAG AA × Fail

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 36.4034, 36.1917, 26.5398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

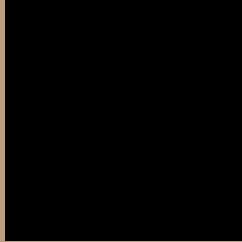
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.4034, 36.1917, 26.5398

Background



This preview shows how black text looks on a background with the XYZ color 36.4034, 36.1917, 26.5398.



This preview shows how white text looks on a background with the XYZ color 36.4034, 36.1917,

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

36.4034, 36.1917, 26.5398

Protanopia

34.1672, 36.3048, 27.3970

Deuteranopia

36.9715, 36.2344, 26.5181



Tritanopia

39.1643, 36.0840, 40.0227

Trichromacy



Original Color

36.4034, 36.1917, 26.5398

Protanomaly

34.8671, 36.1547, 26.9706

Deuteranomaly

36.7242, 36.1070, 26.5065

Tritanomaly

38.2094, 36.1970, 34.6786

Monochromacy



Original Color

36.4034, 36.1917, 26.5398

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.1254, 36.3820, 34.4493

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4034, 36.1917, 26.5398 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, 157, 131)` looks like.

```
.text, #text, p{  
    color:rgb(186, 157, 131)  
}
```

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, 157, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 157, 131) }
```

Border

The CSS property to change the border of an element to XYZ 36.4034, 36.1917, 26.5398 is called "border". The border property can be set on classes, ids or directly on the HTML element.

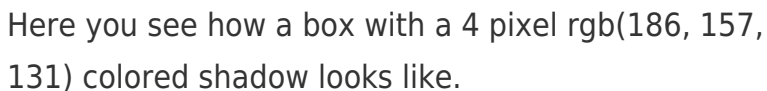
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 157, 131) }
```


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

```
.border{ border-color:rgb(186, 157, 131) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 157, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 157, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 157, 131); box-shadow:4px 4px 4px 4px rgb(186, 157, 131) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4034, 36.1917, 26.5398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 157, 131) }
```

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

```
.background{ background-color: rgb(186,  
157, 131) }
```

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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