

Converting Colors

XYZ(35.9619, 32.8041, 34.4513)

Have a look what the booklet for
XYZ(35.9619, 32.8041, 34.4513)
contains.

XYZ(36.1249, 32.9898, 34.6007)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(36.1249, 32.9898,
34.6007)**

Conversions

Conversions Part 1

Format	Color
Hex	BA9199
RGB	186, 145, 153
RGB Percent	73%, 57%, 60%
CMY	0.2706, 0.4314, 0.4000
CMYK	0.00, 0.22, 0.18, 0.27
HSL	348°, 23%, 65%
HSV	348°, 22%, 73%
XYZ	36.1249, 32.9898, 34.6007
YIQ	158.1710, 21.8680, 11.1800

Conversions

Conversions Part 2

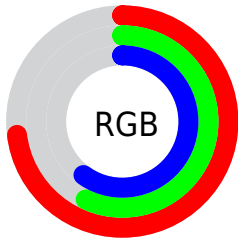
Format	Color
RYB	186, 145, 153
Decimal	12226969
CIELab	64.15, 16.70, 1.71
CIELCh	64, 16.783, 5.859
Yxy	32.9898, 0.3483, 0.3181
Android (android.graphics.Color)	4290417049 (0xFFBA9199)
YUV	158.1710, -2.5493, 24.4060
Hunter-Lab	57.4367, 11.7534, 4.4886

Details

The XYZ color **36.1249, 32.9898, 34.6007** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.2732, 44.3528, 48.7181**, and the grayscale version is **32.5820, 34.2788, 37.3296**.

A 20% lighter version of the original color is **68.6481, 64.4065, 67.8450**, and **15.9167, 13.8702, 14.4087** is the 20% darker color. If you saturate the color by 10%, you get **32.3521, 27.3004, 27.6202**, and if you desaturate by 10%, it is **40.5200, 39.6749, 42.5550**.

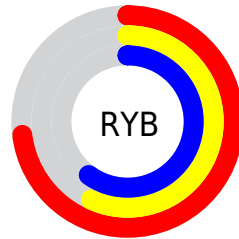
Distribution



Red (73%)

Green (57%)

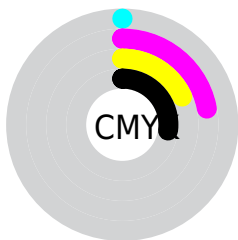
Blue (60%)



Red (73%)

Yellow (57%)

Blue (60%)

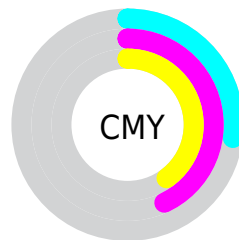


Cyan (0%)

Magenta (22%)

Yellow (18%)

Black (27%)



Cyan (27%)


Magenta (43%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.1249, 32.9898, 34.6007 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 36.1249, 32.9898, 34.6007 by changing the saturation by 10% instead.


 36.1249, 32.9898,
34.6007


 36.1249, 32.9898,
34.6007

320.9279,
315.6038, 337.6529

 24.7012, 22.1186,
23.0744


 68.5474, 64.3596,
68.0113

 15.9821, 13.9441,
14.4426


 90.2770, 85.6270,
90.7326

 9.6023, 8.0818,
8.2869


116.1725,
111.1287, 118.0226

 5.1963, 4.1473,
4.1887

146.5994,
141.2489, 150.2999

 2.3988, 1.7563,
1.7294

181.9231,
176.3721, 187.9831

 0.8445, 0.4597,
0.3808

222.5088,

 0.0000, 0.0000,

216.8828, 231.4906

0.0000

268.7219,
263.1652, 281.2410

■ 36.1249, 32.9898,
34.6007

■ 36.1249, 32.9898,
34.6007

■ 32.3521, 27.3004,
27.6202

■ 40.5200, 39.6749,
42.5550

■ 29.1706, 22.5546,
21.5737

■ 45.5613, 47.3956,
51.5167

■ 26.5506, 18.7025,
16.4217

■ 51.2745, 56.1949,
61.5202

■ 24.4588, 15.6878,
12.1211

■ 57.6833, 66.1122,
72.5977

■ 22.8583, 13.4476,
8.6252

■ 64.8101, 77.1848,
84.7800

■ 21.7070, 11.9102,
5.8823

■ 72.1623, 88.4202,
97.9253

■ 20.9555, 10.9904,
3.8346

■ 74.0599, 89.1792,
107.9177

■ 20.5726, 10.5683,
2.6472

Harmonies

Analogous

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



35.7135, 32.9898, 41.5430



36.1249, 32.9898, 34.6007



35.2071, 32.9898, 28.7862

Triad

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



36.1249, 32.9898, 34.6007



28.7543, 32.9898, 26.3233



29.5238, 32.9898, 49.2356

Complementary

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



36.1249, 32.9898, 34.6007



37.2732, 44.3528, 48.7181

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.



27.7961, 32.9898, 44.1452



36.1249, 32.9898, 34.6007



27.3679, 32.9898, 30.8293

Square

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



36.1249, 32.9898, 34.6007



30.8916, 32.9898, 24.4108



27.0261, 32.9898, 37.2730



31.8247, 32.9898, 50.5755

Rectangle

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



36.1249, 32.9898, 34.6007



33.9910, 32.9898, 26.1407



27.0261, 32.9898, 37.2730



28.8605, 32.9898, 47.8775

Sweetspot

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



36.1258, 32.9913, 34.6014



77.7953, 78.5651, 84.9007



37.3037, 33.2389, 50.9044



17.0111, 17.1165, 18.4819



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.



36.1258, 32.9913, 34.6014



62.3418, 55.0539, 56.9493



37.4694, 36.7004, 31.8989



9.0743, 9.0401, 9.7387



13.8621, 7.1186, 1.8947



0.5102, 0.2596, 0.1803

Inverse Universe

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



36.1258, 32.9913, 34.6014



62.3418, 55.0539, 56.9493



35.6194, 39.7224, 52.2446



9.0743, 9.0401, 9.7387



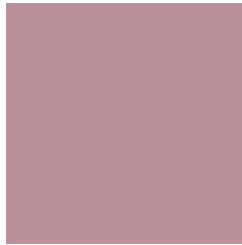
13.8621, 7.1186, 1.8947



0.5102, 0.2596, 0.1803

Previews

White Background



This preview shows how the XYZ color 36.1249, 32.9898, 34.6007 looks on a white background.

Color Contrast Check

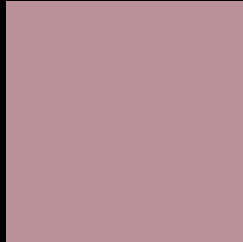
Large Text (above 18pt) WCAG AA × Fail

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 36.1249, 32.9898, 34.6007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

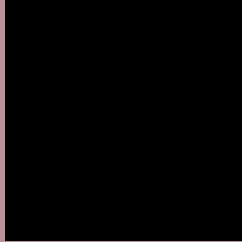
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.1249, 32.9898, 34.6007

Background



This preview shows how black text looks on a background with the XYZ color 36.1249, 32.9898, 34.6007.



This preview shows how white text looks on a background with the XYZ color 36.1249, 32.9898,

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

36.1249, 32.9898, 34.6007

Protanopia

32.0799, 33.2150, 37.5212

Deuteranopia

33.7474, 33.1709, 34.3297



Tritanopia

36.3758, 33.0902, 35.9223

Trichromacy



Original Color

36.1249, 32.9898, 34.6007

Protanomaly

33.3009, 32.8924, 36.4920

Deuteranomaly

34.5464, 33.1090, 34.2756

Tritanomaly

36.2915, 33.0565, 35.4781

Monochromacy



Original Color

36.1249, 32.9898, 34.6007

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.5404, 33.5076, 36.1523

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1249, 32.9898, 34.6007 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, 145, 153)` looks like.

```
.text, #text, p{  
    color:rgb(186, 145, 153)  
}
```

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, 145, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 145, 153) }
```

Border

The CSS property to change the border of an element to XYZ 36.1249, 32.9898, 34.6007 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, 145, 153) }
```


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

```
.border{ border-color:rgb(186, 145, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 145, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 145, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 145, 153);  
box-shadow:4px 4px 4px 4px rgb(186, 145,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1249, 32.9898, 34.6007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 145, 153) }
```

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

```
.background{ background-color: rgb(186,  
145, 153) }
```

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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