

Converting Colors

XYZ(36.1799, 34.6903, 32.9493)

Have a look what the booklet for
XYZ(36.1799, 34.6903, 32.9493)
contains.

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Color

**XYZ(36.1020, 34.6619,
32.8046)**

Conversions

Conversions Part 1

Format	Color
Hex	B79894
RGB	183, 152, 148
RGB Percent	72%, 60%, 58%
CMY	0.2824, 0.4039, 0.4196
CMYK	0.00, 0.17, 0.19, 0.28
HSL	7°, 20%, 65%
HSV	7°, 19%, 72%
XYZ	36.1020, 34.6619, 32.8046
YIQ	160.8130, 19.7600, 5.3280

Conversions

Conversions Part 2

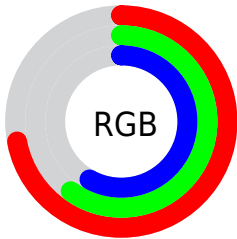
Format	Color
R_{YB}	183, 153, 148
Decimal	12032148
CIE _{Lab}	65.48, 10.88, 6.41
CIE _{LCh}	65, 12.628, 30.522
Yxy	34.6619, 0.3486, 0.3347
Android (android.graphics.Color)	4290222228 (0xFFB79894)
YUV	160.8130, -6.3168, 19.4580
Hunter-Lab	58.8744, 6.4268, 8.1759

Details

The XYZ color **36.1020, 34.6619, 32.8046** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.8798, 41.9540, 50.9542**, and the grayscale version is **33.8122, 35.5731, 38.7391**.

A 20% lighter version of the original color is **68.3286, 66.7576, 65.1613**, and **16.0173, 14.9163, 13.3442** is the 20% darker color. If you saturate the color by 10%, you get **32.3135, 29.2225, 24.9514**, and if you desaturate by 10%, it is **40.4809, 40.9150, 41.9852**.

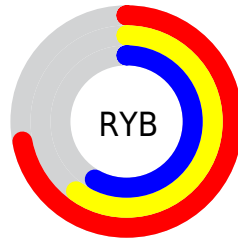
Distribution



Red (72%)

Green (60%)

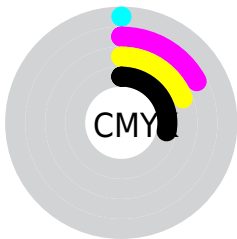
Blue (58%)



Red (72%)

Yellow (60%)

Blue (58%)

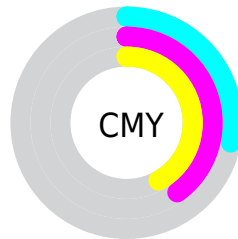


Cyan (0%)

Magenta (17%)

Yellow (19%)

Black (28%)



Cyan (28%)


Magenta (40%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.1020, 34.6619, 32.8046 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 36.1020, 34.6619, 32.8046 by changing the saturation by 10% instead.


 36.1020, 34.6619,
32.8046


 36.1020, 34.6619,
32.8046

320.8296,
323.0735, 329.3733

 24.6835, 23.4026,
21.7069


 68.5123, 66.9617,
65.1828

 15.9688, 14.8910,
13.4454


 90.2348, 88.7709,
87.3005

 9.5928, 8.7429,
7.6017


116.1226,
114.8655, 113.9285

 5.1900, 4.5739,
3.7570

146.5412,
145.6299, 145.4854

 2.3951, 1.9995,
1.4930

181.8558,
181.4485, 182.3898

 0.8427, 0.6072,
0.2127

222.4318,

 0.0000, 0.0000,

222.7057, 225.0602

0.0000

268.6347,
269.7859, 273.9152

■ 36.1020, 34.6619,
32.8046

■ 36.1020, 34.6619,
32.8046

■ 32.3135, 29.2225,
24.9514

■ 40.4809, 40.9150,
41.9852

■ 29.0873, 24.5587,
18.3622

■ 45.4710, 48.0083,
52.5485

■ 26.3974, 20.6366,
12.9713

■ 51.0956, 55.9731,
64.5491

■ 24.2144, 17.4178,
8.7067

■ 57.3761, 64.8375,
78.0382

■ 22.5061, 14.8606,
5.4881

■ 64.3326, 74.6286,
93.0644

■ 21.2367, 12.9186,
3.2250

■ 71.5301, 85.1904,
107.2811

■ 20.3650, 11.5396,
1.8112

■ 73.3386, 88.8074,
107.8839

■ 19.8310, 10.6582,
1.0580

■ 19.7955, 10.6012,
1.0029

Harmonies

Analogous

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



36.6278, 34.6619, 37.6482



36.1020, 34.6619, 32.8046



34.7248, 34.6619, 29.5565

Triad

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



36.1020, 34.6619, 32.8046



29.9474, 34.6619, 32.9512



32.9775, 34.6619, 48.8596

Complementary

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



36.1020, 34.6619, 32.8046



36.8798, 41.9540, 50.9542

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.



31.2272, 34.6619, 47.3119



36.1020, 34.6619, 32.8046



29.5179, 34.6619, 37.8338

Square

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



36.1020, 34.6619, 32.8046



31.1731, 34.6619, 29.6354



29.9778, 34.6619, 43.1491



34.7830, 34.6619, 47.2041

Rectangle

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



36.1020, 34.6619, 32.8046



33.5337, 34.6619, 28.5665



29.9778, 34.6619, 43.1491



32.3634, 34.6619, 48.6953

Sweetspot

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



36.1029, 34.6635, 32.8053



75.0871, 76.9605, 80.6536



38.3061, 34.5225, 47.5583



16.4603, 16.8215, 17.5515



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



36.1029, 34.6635, 32.8053



61.6456, 57.7612, 52.4847



39.0621, 40.5817, 33.7917



9.0851, 9.1733, 9.3987



13.8363, 7.4490, 0.7086



0.5151, 0.3172, 0.0341

Inverse Universe

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



36.8798, 41.9540, 50.9542



63.2937, 73.2441, 91.0373



33.6807, 35.5559, 49.8879



9.1766, 10.0305, 11.5318



15.0164, 20.4924, 34.4171



0.5545, 0.7726, 1.2216

Previews

White Background



This preview shows how the XYZ color 36.1020, 34.6619, 32.8046 looks on a white background.

Color Contrast Check

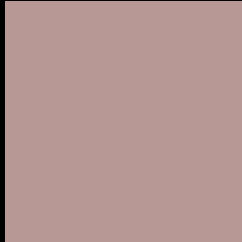
Large Text (above 18pt) WCAG AA × Fail

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 36.1020, 34.6619, 32.8046 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 36.1020, 34.6619, 32.8046

Background



This preview shows how black text looks on a background with the XYZ color 36.1020, 34.6619, 32.8046.



This preview shows how white text looks on a background with the XYZ color 36.1020, 34.6619,

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

36.1020, 34.6619, 32.8046

Protanopia

33.3755, 34.9558, 34.6938

Deuteranopia

35.4913, 34.8330, 32.8698



Tritanopia

37.4355, 34.7356, 38.9140

Trichromacy



Original Color

36.1020, 34.6619, 32.8046

Protanomaly

34.2690, 34.6692, 34.1638

Deuteranomaly

35.5589, 34.6239, 32.8259

Tritanomaly

36.9196, 34.7579, 36.6614

Monochromacy



Original Color

36.1020, 34.6619, 32.8046

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.5898, 35.2890, 36.4409

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1020, 34.6619, 32.8046 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(183, 152, 148)` looks like.

```
.text, #text, p{  
    color:rgb(183, 152, 148)  
}
```

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(183, 152, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 152, 148) }
```

Border

The CSS property to change the border of an element to XYZ 36.1020, 34.6619, 32.8046 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(183, 152, 148) }
```


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

```
.border{ border-color:rgb(183, 152, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 152, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 152, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 152, 148);  
box-shadow:4px 4px 4px 4px rgb(183, 152,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1020, 34.6619, 32.8046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 152, 148) }
```

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

```
.background{ background-color: rgb(183,  
152, 148) }
```

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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