

Converting Colors

XYZ(36.7793, 36.0190, 33.3609)

Have a look what the booklet for
XYZ(36.7793, 36.0190, 33.3609)
contains.

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Color

**XYZ(36.8417, 36.0141,
33.4434)**

Conversions

Conversions Part 1

Format	Color
Hex	B79C95
RGB	183, 156, 149
RGB Percent	72%, 61%, 58%
CMY	0.2824, 0.3882, 0.4157
CMYK	0.00, 0.15, 0.19, 0.28
HSL	12°, 19%, 65%
HSV	12°, 19%, 72%
XYZ	36.8417, 36.0141, 33.4434
YIQ	163.2750, 18.3390, 3.5470

Conversions

Conversions Part 2

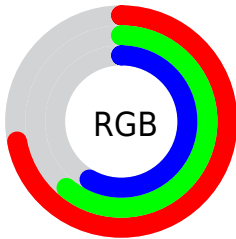
Format	Color
RYB	183, 158, 149
Decimal	12033173
CIELab	66.53, 8.83, 7.35
CIELCh	67, 11.487, 39.798
Yxy	36.0141, 0.3466, 0.3388
Android (android.graphics.Color)	4290223253 (0xFFB79C95)
YUV	163.2750, -7.0376, 17.2988
Hunter-Lab	60.0117, 4.5620, 8.9670

Details

The XYZ color **36.8417, 36.0141, 33.4434** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.4667, 40.8582, 50.7645**, and the grayscale version is **34.9696, 36.7908, 40.0652**.

A 20% lighter version of the original color is **69.6704, 69.2511, 66.1947**, and **16.4621, 15.7308, 13.7240** is the 20% darker color. If you saturate the color by 10%, you get **33.2000, 30.8877, 25.5788**, and if you desaturate by 10%, it is **41.0067, 41.8190, 42.6160**.

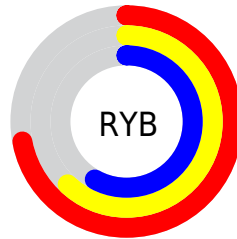
Distribution



Red (72%)

Green (61%)

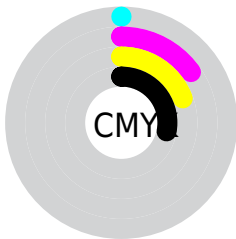
Blue (58%)



Red (72%)

Yellow (62%)

Blue (58%)

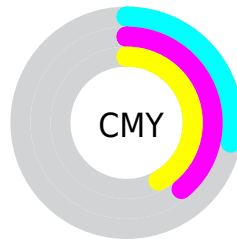


Cyan (0%)

Magenta (15%)

Yellow (19%)

Black (28%)



Cyan (28%)


Magenta (39%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.8417, 36.0141, 33.4434 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 36.8417, 36.0141, 33.4434 by changing the saturation by 10% instead.


 36.8417, 36.0141,
33.4434


 36.8417, 36.0141,
33.4434


323.9921,
329.0222, 332.3361

 25.2581, 24.4451,
22.1924


 69.6447, 69.0538,
66.1911

 16.3992, 15.6641,
13.7987


 91.5947, 91.2933,
88.5250

 9.8997, 9.2868,
7.8436


117.7309,
117.8585, 115.3902

 5.3943, 4.9287,
3.9087

148.4187,
149.1336, 147.2054

 2.5175, 2.2055,
1.5754

184.0233,
185.5031, 184.3890

 0.9041, 0.7230,
0.2732

224.9102,

 0.0000, 0.0000,

227.3515, 227.3597

0.0000

271.4447,
275.0630, 276.5358

■ 36.8417, 36.0141,
33.4434

■ 36.8417, 36.0141,
33.4434

■ 33.2000, 30.8877,
25.5788

■ 41.0067, 41.8190,
42.6160

■ 30.0576, 26.4103,
18.9600

■ 45.7118, 48.3209,
53.1500

■ 27.3933, 22.5569,
13.5236

■ 50.9767, 55.5439,
65.0990

■ 25.1828, 19.2997,
9.1992

■ 56.8190, 63.5094,
78.5127

■ 23.3999, 16.6082,
5.9091

■ 63.2559, 72.2376,
93.4384

■ 22.0152, 14.4494,
3.5656

■ 69.6854, 81.5010,
106.6662

■ 20.9957, 12.7866,
2.0661

■ 73.3386, 88.8073,
107.8839

■ 20.2935, 11.5745,
1.2392

■ 20.2120, 11.4341,
1.1417

Harmonies

Analogous

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



37.6029, 36.0141, 37.6193



36.8417, 36.0141, 33.4434



35.3883, 36.0141, 30.9591

Triad

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



36.8417, 36.0141, 33.4434



31.2118, 36.0141, 36.0243



34.7977, 36.0141, 49.3354

Complementary

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



36.8417, 36.0141, 33.4434



36.4667, 40.8582, 50.7645

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.



33.0979, 36.0141, 48.8177



36.8417, 36.0141, 33.4434



31.0656, 36.0141, 40.8515

Square

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



36.8417, 36.0141, 33.4434



32.1514, 36.0141, 32.3601



31.7454, 36.0141, 45.6112



36.3969, 36.0141, 46.9714

Rectangle

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



36.8417, 36.0141, 33.4434



34.2420, 36.0141, 30.4627



31.7454, 36.0141, 45.6112



34.2186, 36.0141, 49.4969

Sweetspot

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



36.8427, 36.0157, 33.4442



75.4399, 77.6660, 80.7711



38.1325, 34.7051, 45.8674



16.5458, 16.9926, 17.5801



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.



36.8427, 36.0157, 33.4442



63.4074, 60.8875, 54.2967



39.8589, 42.0481, 34.4495



9.1505, 9.3040, 9.4205



14.1410, 8.0583, 0.8101



0.5430, 0.3730, 0.0434

Inverse Universe

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



36.4667, 40.8582, 50.7645



62.6162, 71.0469, 90.6489



33.3747, 34.6740, 49.7338



9.1054, 9.8880, 11.5081



13.1090, 16.6777, 33.7813



0.5023, 0.6684, 1.2043

Previews

White Background



This preview shows how the XYZ color 36.8417, 36.0141, 33.4434 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 36.8417, 36.0141, 33.4434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

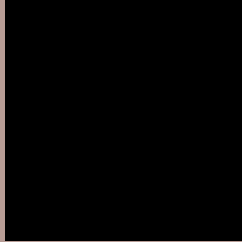
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.8417, 36.0141, 33.4434

Background



This preview shows how black text looks on a background with the XYZ color 36.8417, 36.0141, 33.4434.



This preview shows how white text looks on a background with the XYZ color 36.8417, 36.0141,

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

36.8417, 36.0141, 33.4434

Protanopia

34.3487, 35.9722, 34.8387

Deuteranopia

36.6047, 35.8919, 33.4323



Tritanopia

38.3547, 36.1421, 40.5519

Trichromacy



Original Color

36.8417, 36.0141, 33.4434

Protanomaly

35.2176, 35.9149, 34.3543

Deuteranomaly

36.6047, 35.8919, 33.4323

Tritanomaly

37.7465, 36.1362, 37.7864

Monochromacy



Original Color

36.8417, 36.0141, 33.4434

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.3199, 36.1563, 37.4651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.8417, 36.0141, 33.4434 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, 156, 149)` looks like.

```
.text, #text, p{  
    color:rgb(183, 156, 149)  
}
```

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, 156, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 156, 149) }
```

Border

The CSS property to change the border of an element to XYZ 36.8417, 36.0141, 33.4434 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, 156, 149) }
```


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

```
.border{ border-color:rgb(183, 156, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 156, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 156, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 156, 149);  
box-shadow:4px 4px 4px 4px rgb(183, 156,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 36.8417, 36.0141, 33.4434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 156, 149) }
```

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

```
.background{ background-color: rgb(183,  
156, 149) }
```

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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