

Converting Colors

XYZ(36.1558, 34.3544, 34.5631)

Have a look what the booklet for
XYZ(36.1558, 34.3544, 34.5631)
contains.

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Color

**XYZ(36.2625, 34.4675,
34.4474)**

Conversions

Conversions Part 1

Format	Color
Hex	B79798
RGB	183, 151, 152
RGB Percent	72%, 59%, 60%
CMY	0.2824, 0.4078, 0.4039
CMYK	0.00, 0.17, 0.17, 0.28
HSL	358°, 18%, 65%
HSV	358°, 17%, 72%
XYZ	36.2625, 34.4675, 34.4474
YIQ	160.6820, 18.7510, 7.0950

Conversions

Conversions Part 2

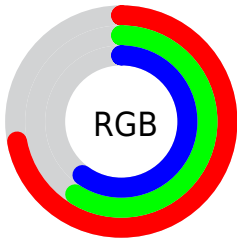
Format	Color
RYB	183, 151, 152
Decimal	12031896
CIELab	65.33, 12.07, 3.95
CIELCh	65, 12.701, 18.112
Yxy	34.4675, 0.3448, 0.3277
Android (android.graphics.Color)	4290221976 (0xFFB79798)
YUV	160.6820, -4.2802, 19.5729
Hunter-Lab	58.7090, 7.5124, 6.3080

Details

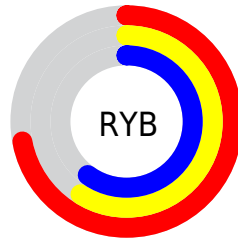
The XYZ color **36.2625, 34.4675, 34.4474** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.1408, 43.8244, 50.7068**, and the grayscale version is **33.7426, 35.4999, 38.6594**.

A 20% lighter version of the original color is **68.5685, 66.4696, 67.6085**, and **16.1121, 14.7998, 14.3194** is the 20% darker color. If you saturate the color by 10%, you get **32.1977, 28.4904, 26.4557**, and if you desaturate by 10%, it is **41.0035, 41.4489, 43.7363**.

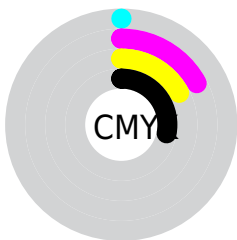
Distribution



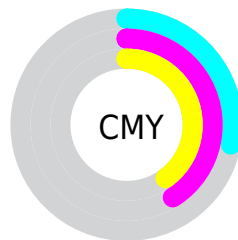
- Red (72%)
- Green (59%)
- Blue (60%)



- Red (72%)
- Yellow (59%)
- Blue (60%)



- Cyan (0%)
- Magenta (17%)
- Yellow (17%)
- Black (28%)





- Cyan (28%)
- Magenta (41%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.2625, 34.4675, 34.4474 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 36.2625, 34.4675, 34.4474 by changing the saturation by 10% instead.


 36.2625, 34.4675,
34.4474


 36.2625, 34.4675,
34.4474


321.5177,
322.2116, 336.9523

 24.8080, 23.2530,
22.9574


 68.7583, 66.6600,
67.7706

 16.0621, 14.7804,
14.3570


 90.5303, 88.4068,
90.4409

 9.6592, 8.6654,
8.2278


116.4722,
114.4331, 117.6751

 5.2341, 4.5236,
4.1512

146.9494,
145.1234, 149.8916

 2.4214, 1.9706,
1.7087

182.3271,
180.8619, 187.5090

 0.8558, 0.5903,
0.3667

222.9709,

 0.0000, 0.0000,

222.0333, 230.9459

0.0000

269.2460,
269.0217, 280.6208

■ 36.2625, 34.4675,
34.4474

■ 36.2625, 34.4675,
34.4474

■ 32.1977, 28.4904,
26.4557

■ 41.0035, 41.4489,
43.7363

■ 28.7755, 23.4670,
19.7014

■ 46.4465, 49.4727,
54.3742

■ 25.9640, 19.3494,
14.1233

■ 52.6195, 58.5811,
66.4128

■ 23.7273, 16.0836,
9.6543

■ 59.5479, 68.8122,
79.9001

■ 22.0256, 13.6102,
6.2203

■ 67.2563, 80.2026,
94.8824

■ 20.8142, 11.8616,
3.7382

■ 73.3385, 88.8073,
107.8839

■ 20.0413, 10.7596,
2.1123

■ 19.6342, 10.1895,
1.2237

■ 19.5597, 10.0798,
1.0783

Harmonies

Analogous

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



36.3697, 34.4675, 39.6693



36.2625, 34.4675, 34.4474



35.1957, 34.4675, 30.4379

Triad

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



36.2625, 34.4675, 34.4474



30.1804, 34.4675, 31.1240



32.0323, 34.4675, 48.4188

Complementary

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



36.2625, 34.4675, 34.4474



38.1408, 43.8244, 50.7068

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.



30.4400, 34.4675, 45.6444



36.2625, 34.4675, 34.4474



29.3980, 34.4675, 35.4676

Square

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



36.2625, 34.4675, 34.4474



31.6658, 34.4675, 28.6473



29.4912, 34.4675, 40.7896



33.8798, 34.4675, 48.0800

Rectangle

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



36.2625, 34.4675, 34.4474



34.1057, 34.4675, 28.8397



29.4912, 34.4675, 40.7896



31.4508, 34.4675, 47.8094

Sweetspot

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



36.2635, 34.4691, 34.4481



75.6606, 77.5115, 82.6819



38.8904, 35.4906, 49.6006



16.5661, 16.9063, 17.9784



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.



36.2635, 34.4691, 34.4481



61.9939, 57.3888, 55.8966



38.7394, 39.5510, 34.8724



9.0156, 9.0166, 9.4298



13.6499, 7.0337, 0.7773



0.4850, 0.2495, 0.0477

Inverse Universe

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



36.2635, 34.4691, 34.4481



61.9939, 57.3888, 55.8966



35.3260, 38.0294, 50.2785



9.0156, 9.0166, 9.4298



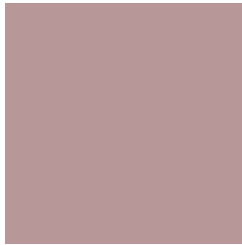
13.6499, 7.0337, 0.7773



0.4850, 0.2495, 0.0477

Previews

White Background



This preview shows how the XYZ color 36.2625, 34.4675, 34.4474 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 36.2625, 34.4675, 34.4474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

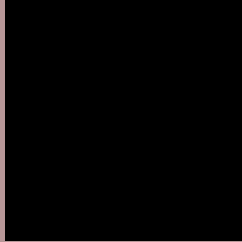
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.2625, 34.4675, 34.4474

Background



This preview shows how black text looks on a background with the XYZ color 36.2625, 34.4675, 34.4474.



This preview shows how white text looks on a background with the XYZ color 36.2625, 34.4675,

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

36.2625, 34.4675, 34.4474

Protanopia

33.1279, 34.5354, 36.3725

Deuteranopia

35.1902, 34.3966, 34.4902



Tritanopia

37.1065, 34.5762, 38.4364

Trichromacy



Original Color

36.2625, 34.4675, 34.4474

Protanomaly

34.2153, 34.3553, 35.8382

Deuteranomaly

35.4861, 34.3072, 34.4574

Tritanomaly

36.8451, 34.4717, 37.0595

Monochromacy



Original Color

36.2625, 34.4675, 34.4474

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.5907, 35.0176, 37.2837

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2625, 34.4675, 34.4474 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, 151, 152)` looks like.

```
.text, #text, p{  
    color:rgb(183, 151, 152)  
}
```

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, 151, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 151, 152) }
```

Border

The CSS property to change the border of an element to XYZ 36.2625, 34.4675, 34.4474 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, 151, 152) }
```


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

```
.border{ border-color:rgb(183, 151, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 151, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 151, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 151, 152);  
box-shadow:4px 4px 4px 4px rgb(183, 151,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2625, 34.4675, 34.4474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 151, 152) }
```

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

```
.background{ background-color: rgb(183,  
151, 152) }
```

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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