

Converting Colors

XYZ(36.6891, 35.0089, 43.5903)

Have a look what the booklet for
XYZ(36.6891, 35.0089, 43.5903)
contains.

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Color

**XYZ(36.6464, 34.9528,
43.3432)**

Conversions

Conversions Part 1

Format	Color
Hex	B099AB
RGB	176, 153, 171
RGB Percent	69%, 60%, 67%
CMY	0.3098, 0.4000, 0.3294
CMYK	0.00, 0.13, 0.03, 0.31
HSL	313°, 13%, 65%
HSV	313°, 13%, 69%
XYZ	36.6464, 34.9528, 43.3432
YIQ	161.9290, 7.9300, 10.4740

Conversions

Conversions Part 2

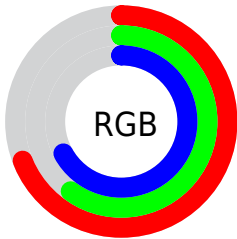
Format	Color
RYB	176, 153, 171
Decimal	11573675
CIELab	65.71, 11.71, -6.24
CIELCh	66, 13.269, 331.941
Yxy	34.9528, 0.3188, 0.3041
Android (android.graphics.Color)	4289763755 (0xFFB099AB)
YUV	161.9290, 4.4720, 12.3403
Hunter-Lab	59.1209, 7.1826, -2.0826

Details

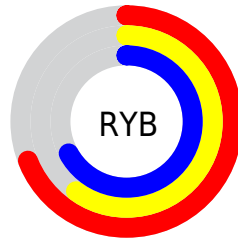
The XYZ color **36.6464, 34.9528, 43.3432** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.8351, 40.2925, 38.2908**, and the grayscale version is **34.2874, 36.0730, 39.2835**.

A 20% lighter version of the original color is **69.3190, 67.2724, 81.2829**, and **16.2495, 15.0456, 19.5004** is the 20% darker color. If you saturate the color by 10%, you get **33.6164, 29.4676, 40.5599**, and if you desaturate by 10%, it is **40.1139, 41.2951, 46.3253**.

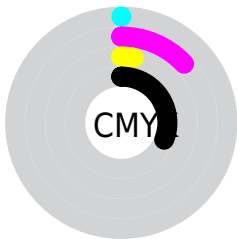
Distribution



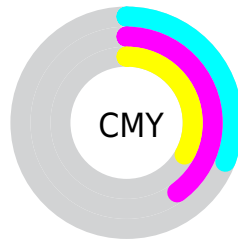
- Red (69%)
- Green (60%)
- Blue (67%)



- Red (69%)
- Yellow (60%)
- Blue (67%)



- Cyan (0%)
- Magenta (13%)
- Yellow (3%)
- Black (31%)





- Cyan (31%)
- Magenta (40%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.6464, 34.9528, 43.3432 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 36.6464, 34.9528, 43.3432 by changing the saturation by 10% instead.


 36.6464, 34.9528,
43.3432


 36.6464, 34.9528,
43.3432


323.1593,
324.3599, 375.9839

 25.1063, 23.6265,
29.8211


 69.3460, 67.4126,
81.5204

 16.2854, 15.0568,
19.4519


 91.2361, 89.3150,
107.0126

 9.8185, 8.8593,
11.8172


117.3070,
115.5115, 137.3319

 5.3401, 4.6495,
6.4983

147.9239,
146.3865, 172.8968

 2.4850, 2.0431,
3.0767

183.4522,
182.3245, 214.1260

 0.8877, 0.6323,
1.1339

224.2573,

 0.0000, 0.0000,

223.7098, 261.4378

0.0000

270.7045,
270.9268, 315.2509

■ 36.6464, 34.9528,
43.3432

■ 36.6464, 34.9528,
43.3432

■ 33.6164, 29.4676,
40.5599

■ 40.1139, 41.2951,
46.3253

■ 31.0022, 24.7978,
37.9664

■ 44.0334, 48.5247,
49.5101

■ 28.7848, 20.9050,
35.5565

■ 48.4223, 56.6760,
52.9044

■ 26.9427, 17.7462,
33.3224

■ 53.2963, 65.7802,
56.5138

■ 25.4519, 15.2739,
31.2559

■ 58.6703, 75.8671,
60.3436

■ 24.2860, 13.4351,
29.3474

■ 63.3979, 84.6435,
64.0122

■ 23.4145, 12.1690,
27.5865

■ 63.8333, 84.8176,
66.3046

■ 22.8010, 11.4031,
25.9606

■ 64.2797, 84.9962,
68.6557

■ 22.4730, 11.0575,
24.8942

■ 64.7374, 85.1793,
71.0660

Harmonies

Analogous

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



35.2479, 34.9528, 47.9316



36.6464, 34.9528, 43.3432



37.1173, 34.9528, 37.6946

Triad

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



36.6464, 34.9528, 43.3432



33.0946, 34.9528, 28.2904



30.1361, 34.9528, 44.0348

Complementary

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



36.6464, 34.9528, 43.3432



34.8351, 40.2925, 38.2908

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.



29.6085, 34.9528, 38.4231



36.6464, 34.9528, 43.3432



31.2745, 34.9528, 29.6424

Square

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



36.6464, 34.9528, 43.3432



35.0192, 34.9528, 29.3351



30.0171, 34.9528, 33.2203



31.4865, 34.9528, 48.3576

Rectangle

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



36.6464, 34.9528, 43.3432



36.8275, 34.9528, 34.1794



30.0171, 34.9528, 33.2203



29.8591, 34.9528, 42.2187

Sweetspot

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



36.6474, 34.9543, 43.3440



72.0850, 73.6689, 83.4586



33.3264, 33.1862, 45.7239



15.5164, 15.7715, 17.9979



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



36.6474, 34.9543, 43.3440



64.6143, 60.0311, 76.9495



35.5999, 34.5353, 37.8276



8.7694, 8.6145, 10.2838



16.5110, 8.1219, 18.3825



0.5392, 0.2634, 0.6822

Inverse Universe

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



36.6474, 34.9543, 43.3440



64.6143, 60.0311, 76.9495



35.8703, 40.7066, 43.7420



8.7694, 8.6145, 10.2838



16.5110, 8.1219, 18.3825



0.5392, 0.2634, 0.6822

Previews

White Background



This preview shows how the XYZ color 36.6464, 34.9528, 43.3432 looks on a white background.

Color Contrast Check

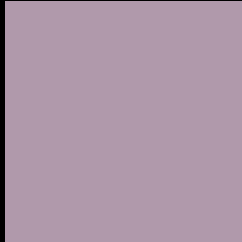
Large Text (above 18pt) WCAG AA × Fail

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 36.6464, 34.9528, 43.3432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

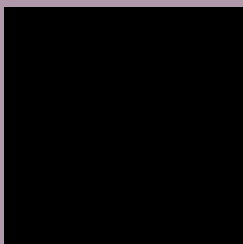
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.6464, 34.9528, 43.3432

Background



This preview shows how black text looks on a background with the XYZ color 36.6464, 34.9528, 43.3432.



This preview shows how white text looks on a background with the XYZ color 36.6464, 34.9528,

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

36.6464, 34.9528, 43.3432

Protanopia

34.1387, 35.1214, 45.0242

Deuteranopia

35.6496, 34.9290, 43.3911



Tritanopia

36.1177, 34.9783, 40.9243

Trichromacy



Original Color

36.6464, 34.9528, 43.3432

Protanomaly

35.1168, 35.1304, 44.4652

Deuteranomaly

35.9195, 34.8221, 43.3563

Tritanomaly

36.3027, 35.0523, 41.8982

Monochromacy



Original Color

36.6464, 34.9528, 43.3432

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

35.1260, 35.7284, 40.6422

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6464, 34.9528, 43.3432 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(176, 153, 171)` looks like.

```
.text, #text, p{  
    color:rgb(176, 153, 171)  
}
```

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(176, 153, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 153, 171) }
```

Border

The CSS property to change the border of an element to XYZ 36.6464, 34.9528, 43.3432 is called "border". The border property can be set on classes, ids or directly on the HTML element.

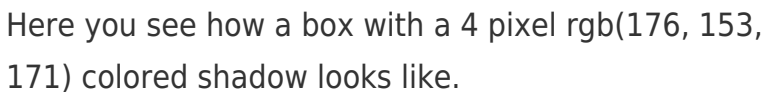
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 153, 171) }
```


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

```
.border{ border-color:rgb(176, 153, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 153, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 153, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 153, 171);  
box-shadow:4px 4px 4px 4px rgb(176, 153,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6464, 34.9528, 43.3432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 153, 171) }
```

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

```
.background{ background-color: rgb(176,  
153, 171) }
```

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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