

Converting Colors

XYZ(36.5326, 35.1776, 34.9952)

Have a look what the booklet for
XYZ(36.5326, 35.1776, 34.9952)
contains.

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Color

**XYZ(36.4324, 35.0275,
34.9778)**

Conversions

Conversions Part 1

Format	Color
Hex	B69999
RGB	182, 153, 153
RGB Percent	71%, 60%, 60%
CMY	0.2863, 0.4000, 0.4000
CMYK	0.00, 0.16, 0.16, 0.29
HSL	0°, 17%, 66%
HSV	0°, 16%, 71%
XYZ	36.4324, 35.0275, 34.9778
YIQ	161.6710, 17.2840, 6.1480

Conversions

Conversions Part 2

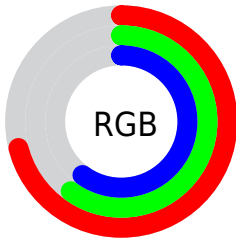
Format	Color
RYB	182, 153, 153
Decimal	11966873
CIELab	65.77, 10.75, 4.01
CIELCh	66, 11.472, 20.449
Yxy	35.0275, 0.3423, 0.3291
Android (android.graphics.Color)	4290156953 (0xFFB69999)
YUV	161.6710, -4.2748, 17.8285
Hunter-Lab	59.1840, 6.3086, 6.3884

Details

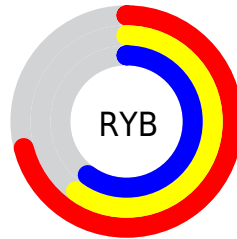
The XYZ color **36.4324, 35.0275, 34.9778** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.3080, 43.6045, 50.6537**, and the grayscale version is **34.2033, 35.9845, 39.1872**.

A 20% lighter version of the original color is **68.8352, 67.3078, 68.3952**, and **16.2029, 15.1292, 14.6366** is the 20% darker color. If you saturate the color by 10%, you get **32.2877, 28.9629, 26.7370**, and if you desaturate by 10%, it is **41.2626, 42.0955, 44.5792**.

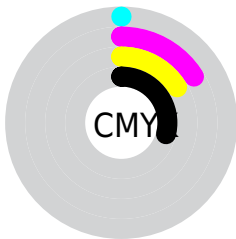
Distribution



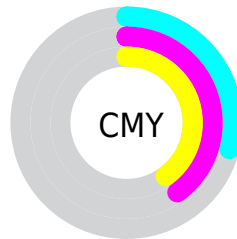
- Red (71%)
- Green (60%)
- Blue (60%)



- Red (71%)
- Yellow (60%)
- Blue (60%)



- Cyan (0%)
- Magenta (16%)
- Yellow (16%)
- Black (29%)





- Cyan (29%)
- Magenta (40%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.4324, 35.0275, 34.9778 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 36.4324, 35.0275, 34.9778 by changing the saturation by 10% instead.


 36.4324, 35.0275,
34.9778


 36.4324, 35.0275,
34.9778


322.2449,
324.6897, 339.3716

 24.9400, 23.6841,
23.3624


 69.0185, 67.5284,
68.6026

 16.1608, 15.0994,
14.6535


 90.8428, 89.4546,
91.4490

 9.7296, 8.8892,
8.4326


116.8419,
115.6772, 118.8761

 5.2809, 4.6690,
4.2813

147.3810,
146.5806, 151.3025

 2.4495, 2.0544,
1.7809

182.8255,
182.5491, 189.1467

 0.8698, 0.6388,
0.4153

223.5407,

 0.0000, 0.0000,

223.9672, 232.8273

0.0000

269.8921,
271.2193, 282.7627

■ 36.4324, 35.0275,
34.9778

■ 36.4324, 35.0275,
34.9778

■ 32.2877, 28.9629,
26.7370

■ 41.2626, 42.0955,
44.5792

■ 28.7948, 23.8518,
19.7931

■ 46.8043, 50.2044,
55.5964

■ 25.9214, 19.6471,
14.0809

■ 53.0857, 59.3957,
68.0842

■ 23.6312, 16.2959,
9.5283

■ 60.1327, 69.7071,
82.0941

■ 21.8845, 13.7399,
6.0562

■ 67.9697, 81.1746,
97.6749

■ 20.6363, 11.9133,
3.5751

■ 73.1015, 88.6851,
107.8728

■ 19.8346, 10.7400,
1.9817

■ 19.4126, 10.1225,
1.1432

■ 19.2917, 9.9456,
0.9029

Harmonies

Analogous

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



36.6024, 35.0275, 39.7047



36.4324, 35.0275, 34.9778



35.4058, 35.0275, 31.4013

Triad

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



36.4324, 35.0275, 34.9778



30.8484, 35.0275, 32.5125



32.7561, 35.0275, 48.0765

Complementary

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



36.4324, 35.0275, 34.9778



38.3080, 43.6045, 50.6537

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.



31.2652, 35.0275, 45.7775



36.4324, 35.0275, 34.9778



30.1886, 35.0275, 36.6150

Square

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



36.4324, 35.0275, 34.9778



32.1697, 35.0275, 30.0637



30.3386, 35.0275, 41.4851



34.4413, 35.0275, 47.5444

Rectangle

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



36.4324, 35.0275, 34.9778



34.3923, 35.0275, 30.0211



30.3386, 35.0275, 41.4851



32.2165, 35.0275, 47.6023

Sweetspot

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



36.4334, 35.0291, 34.9785



75.6105, 77.4921, 82.4159



39.1265, 36.1054, 49.1631



16.5537, 16.9014, 17.9122



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.



36.4334, 35.0291, 34.9785



63.3707, 59.5820, 58.0828



38.9520, 40.0664, 35.8181



9.0047, 9.0124, 9.3719



13.6236, 7.0235, 0.6376



0.4803, 0.2477, 0.0225

Inverse Universe

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



38.3080, 43.6045, 50.6537



67.3955, 77.9937, 91.7379



35.4913, 37.9711, 49.7148



9.2666, 10.2105, 11.5618



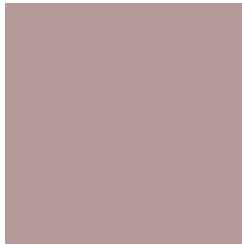
17.7727, 26.0050, 35.3358



0.6266, 0.9168, 1.2457

Previews

White Background



This preview shows how the XYZ color 36.4324, 35.0275, 34.9778 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 36.4324, 35.0275, 34.9778 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 36.4324, 35.0275, 34.9778

Background



This preview shows how black text looks on a background with the XYZ color 36.4324, 35.0275, 34.9778.



This preview shows how white text looks on a background with the XYZ color 36.4324, 35.0275,

34.9778.

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

36.4324, 35.0275, 34.9778

Protanopia

33.7087, 35.0891, 36.4487

Deuteranopia

35.8312, 35.2076, 35.0442



Tritanopia

37.2059, 34.8448, 39.4151

Trichromacy



Original Color

36.4324, 35.0275, 34.9778

Protanomaly

34.7680, 35.1384, 35.9603

Deuteranomaly

35.8958, 34.9948, 34.9998

Tritanomaly

37.0147, 35.0270, 37.6109

Monochromacy



Original Color

36.4324, 35.0275, 34.9778

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

35.0183, 35.7345, 37.8527

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4324, 35.0275, 34.9778 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(182, 153, 153)` looks like.

```
.text, #text, p{  
    color:rgb(182, 153, 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(182, 153, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 153, 153) }
```

Border

The CSS property to change the border of an element to XYZ 36.4324, 35.0275, 34.9778 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(182, 153, 153) }
```


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

```
.border{ border-color:rgb(182, 153, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 153, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 153, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 153, 153);  
box-shadow:4px 4px 4px 4px rgb(182, 153,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4324, 35.0275, 34.9778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 153, 153) }
```

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

```
.background{ background-color: rgb(182,  
153, 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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