

Converting Colors

XYZ(36.6598, 36.2404, 41.8575)

Have a look what the booklet for
XYZ(36.6598, 36.2404, 41.8575)
contains.

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Color

**XYZ(36.6575, 36.2424,
41.6226)**

Conversions

Conversions Part 1

Format	Color
Hex	AE9EA7
RGB	174, 158, 167
RGB Percent	68%, 62%, 65%
CMY	0.3176, 0.3804, 0.3451
CMYK	0.00, 0.09, 0.04, 0.32
HSL	326°, 9%, 65%
HSV	326°, 9%, 68%
XYZ	36.6575, 36.2424, 41.6226
YIQ	163.8100, 6.6470, 6.1910

Conversions

Conversions Part 2

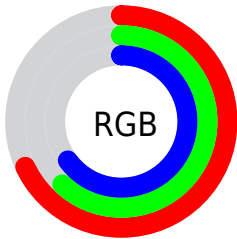
Format	Color
RYB	174, 158, 167
Decimal	11443879
CIELab	66.70, 7.47, -2.56
CIELCh	67, 7.892, 341.099
Yxy	36.2424, 0.3201, 0.3165
Android (android.graphics.Color)	4289633959 (0xFFAE9EA7)
YUV	163.8100, 1.5727, 8.9366
Hunter-Lab	60.2017, 3.3378, 1.1489

Details

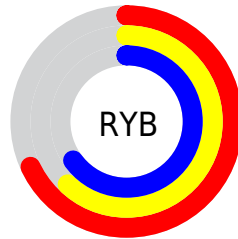
The XYZ color **36.6575, 36.2424, 41.6226** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.0296, 40.2589, 41.4711**, and the grayscale version is **35.1877, 37.0202, 40.3150**.

A 20% lighter version of the original color is **69.6122, 69.6854, 78.8889**, and **16.3782, 15.8908, 18.4237** is the 20% darker color. If you saturate the color by 10%, you get **33.2141, 30.4486, 37.1038**, and if you desaturate by 10%, it is **40.5647, 42.8964, 46.5014**.

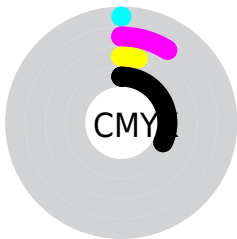
Distribution



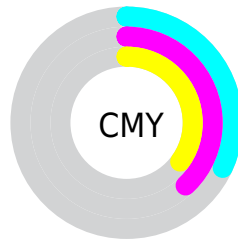
- Red (68%)
- Green (62%)
- Blue (65%)



- Red (68%)
- Yellow (62%)
- Blue (65%)



- Cyan (0%)
- Magenta (9%)
- Yellow (4%)
- Black (32%)



- Cyan (32%)
- Magenta (38%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.6575, 36.2424, 41.6226 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 36.6575, 36.2424, 41.6226 by changing the saturation by 10% instead.

■ 36.6575, 36.2424,
41.6226

■ 36.6575, 36.2424,
41.6226

323.2066,
330.0188, 368.6695

■ 25.1149, 24.6215,
28.4825

■ 69.3630, 69.4060,
78.8920

■ 16.2918, 15.7953,
18.4475

■ 91.2565, 91.7175,
103.8585

■ 9.8231, 9.3794,
11.0990

117.3311,
118.3613, 133.6041

■ 5.3432, 4.9895,
6.0185

147.9520,
149.7218, 168.5476

■ 2.4868, 2.2411,
2.7873

183.4847,
186.1834, 209.1073

■ 0.8886, 0.7423,
0.9871

224.2944,

■ 0.0000, 0.0000,

228.1305, 255.7018

0.0000

270.7466,
275.9475, 308.7497

■ 36.6575, 36.2424,
41.6226

■ 36.6575, 36.2424,
41.6226

■ 33.2141, 30.4486,
37.1038

■ 40.5647, 42.8964,
46.5014

■ 30.2130, 25.4749,
32.9330

■ 44.9498, 50.4392,
51.7470

■ 27.6358, 21.2849,
29.1010

■ 49.8301, 58.9039,
57.3688

■ 25.4615, 17.8378,
25.5970

■ 55.2212, 68.3205,
63.3754

■ 23.6671, 15.0889,
22.4096

■ 61.1378, 78.7177,
69.7748

■ 22.2272, 12.9886,
19.5265

■ 65.1862, 85.3070,
75.7722

■ 21.1132, 11.4810,
16.9340

■ 66.1739, 85.7020,
80.9732

■ 20.2915, 10.5004,
14.6169

■ 67.2075, 86.1155,
86.4162

■ 19.6981, 9.9201,
12.5494

■ 68.2877, 86.5476,
92.1044

Harmonies

Analogous

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



35.9733, 36.2424, 44.6083



36.6575, 36.2424, 41.6226



36.7415, 36.2424, 38.2138

Triad

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



36.6575, 36.2424, 41.6226



34.0087, 36.2424, 33.3749



32.7518, 36.2424, 43.9277

Complementary

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



36.6575, 36.2424, 41.6226



36.0296, 40.2589, 41.4711

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.



32.2506, 36.2424, 40.7367



36.6575, 36.2424, 41.6226



32.9651, 36.2424, 34.7272

Square

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



36.6575, 36.2424, 41.6226



35.1938, 36.2424, 33.5817



32.3278, 36.2424, 37.3771



33.7115, 36.2424, 45.9911

Rectangle

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



36.6575, 36.2424, 41.6226



36.4438, 36.2424, 36.1732



32.3278, 36.2424, 37.3771



32.5252, 36.2424, 42.9439

Sweetspot

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



36.6585, 36.2440, 41.6234



70.7437, 72.9637, 80.8550



35.3714, 35.5036, 45.0337



15.5967, 16.0008, 17.8130



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.



36.6585, 36.2440, 41.6234



65.1779, 63.5162, 73.8078



35.9475, 35.9596, 37.8792



8.1868, 8.0880, 9.2943



14.2851, 7.1766, 9.1465



0.4243, 0.2104, 0.3959

Inverse Universe

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



36.6585, 36.2440, 41.6234



65.1779, 63.5162, 73.8078



36.7742, 40.5567, 45.3921



8.1868, 8.0880, 9.2943



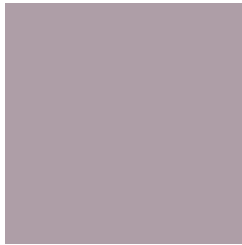
14.2851, 7.1766, 9.1465



0.4243, 0.2104, 0.3959

Previews

White Background



This preview shows how the XYZ color 36.6575, 36.2424, 41.6226 looks on a white background.

Color Contrast Check

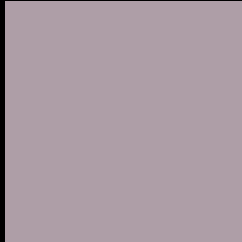
Large Text (above 18pt) WCAG AA × Fail

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 36.6575, 36.2424, 41.6226 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 36.6575, 36.2424, 41.6226

Background



This preview shows how black text looks on a background with the XYZ color 36.6575, 36.2424, 41.6226.



This preview shows how white text looks on a background with the XYZ color 36.6575, 36.2424,

41.6226.

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

36.6575, 36.2424, 41.6226

Protanopia

35.0106, 36.1408, 42.6667

Deuteranopia

36.9365, 36.1341, 41.5870



Tritanopia

36.9381, 36.3547, 43.1005

Trichromacy



Original Color

36.6575, 36.2424, 41.6226

Protanomaly

35.5750, 36.1843, 42.1550

Deuteranomaly

36.7112, 36.0179, 41.5765

Tritanomaly

36.8439, 36.3170, 42.6041

Monochromacy



Original Color

36.6575, 36.2424, 41.6226

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.8603, 36.8821, 40.8262

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6575, 36.2424, 41.6226 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(174, 158, 167) looks like.

```
.text, #text, p{  
    color:rgb(174, 158, 167)  
}
```

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(174, 158, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 158, 167) }
```

Border

The CSS property to change the border of an element to XYZ 36.6575, 36.2424, 41.6226 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(174, 158, 167) }
```


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

```
.border{ border-color:rgb(174, 158, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 158, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 158, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 158, 167);  
box-shadow:4px 4px 4px 4px rgb(174, 158,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6575, 36.2424, 41.6226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 158, 167) }
```

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

```
.background{ background-color: rgb(174,  
158, 167) }
```

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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