

Converting Colors

XYZ(36.4143, 40.3907, 23.9666)

Have a look what the booklet for
XYZ(36.4143, 40.3907, 23.9666)
contains.

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Color

**XYZ(36.3352, 40.2326,
23.9398)**

Conversions

Conversions Part 1

Format	Color
Hex	B1AC79
RGB	177, 172, 121
RGB Percent	69%, 67%, 47%
CMY	0.3059, 0.3255, 0.5255
CMYK	0.00, 0.03, 0.32, 0.31
HSL	55°, 26%, 58%
HSV	55°, 32%, 69%
XYZ	36.3352, 40.2326, 23.9398
YIQ	167.6810, 19.3510, -14.8010

Conversions

Conversions Part 2

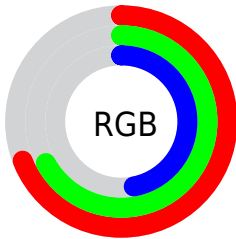
Format	Color
RYB	126, 177, 121
Decimal	11644025
CIELab	69.63, -6.23, 26.93
CIELCh	70, 27.646, 103.030
Yxy	40.2326, 0.3615, 0.4003
Android (android.graphics.Color)	4289834105 (0xFFB1AC79)
YUV	167.6810, -23.0137, 8.1728
Hunter-Lab	63.4292, -8.7479, 22.0229

Details

The XYZ color **36.3352, 40.2326, 23.9398** is a light color, and the websafe version is hex **999966**. A complement of this color would be **23.2818, 22.1605, 44.6455**, and the grayscale version is **37.1664, 39.1020, 42.5821**.

A 20% lighter version of the original color is **68.7133, 75.3178, 50.9606**, and **16.1983, 18.1859, 8.7874** is the 20% darker color. If you saturate the color by 10%, you get **35.0495, 39.2417, 18.6386**, and if you desaturate by 10%, it is **37.8257, 41.3140, 30.2928**.

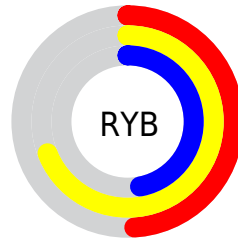
Distribution



Red (69%)

Green (67%)

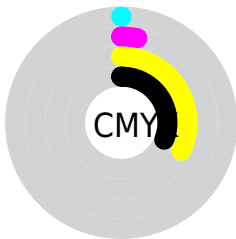
Blue (47%)



Red (49%)

Yellow (69%)

Blue (47%)

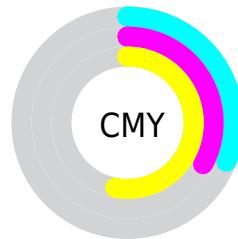


Cyan (0%)

Magenta (3%)

Yellow (32%)

Black (31%)



Cyan (31%)

Magenta (33%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.3352, 40.2326, 23.9398 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 36.3352, 40.2326, 23.9398 by changing the saturation by 10% instead.

■ 36.3352, 40.2326,
23.9398

■ 36.3352, 40.2326,
23.9398

321.8290,
347.1030, 285.7927

■ 24.8645, 27.7199,
15.0772

■ 68.8696, 75.5176,
50.8745

■ 16.1043, 18.1147,
8.7263

■ 90.6640, 99.0587,
69.7838

■ 9.6893, 11.0323,
4.4688

■ 116.6304,
127.0447, 92.8789

■ 5.2541, 6.0886,
1.8859

147.1341,
159.8601, 120.5785

■ 2.4334, 2.8990,
0.4837

182.5404,
197.8893, 153.3012

■ 0.8618, 1.0792,
0.0000

223.2148,

■ 0.0000, 0.0000,

241.5165, 191.4654

0.0000

269.5226,
291.1263, 235.4898

■ 36.3352, 40.2326,
23.9398

■ 36.3352, 40.2326,
23.9398

■ 35.0495, 39.2417,
18.6386

■ 37.8257, 41.3140,
30.2928

■ 33.9546, 38.3314,
14.3293

■ 39.5280, 42.4844,
37.7482

■ 33.0396, 37.4987,
10.9497

■ 41.4526, 43.7495,
46.3562

■ 32.2912, 36.7383,
8.4298

■ 43.6084, 45.1128,
56.1634

■ 31.6941, 36.0441,
6.6893

■ 46.0035, 46.5777,
67.2137

■ 31.2302, 35.4088,
5.6331

■ 48.6460, 48.1473,
79.5488

■ 30.9130, 34.9101,
5.1090

■ 51.5435, 49.8247,
93.2083

■ 53.4547, 51.1135,
101.6563

■ 53.7861, 51.7762,
101.7667

Harmonies

Analogous

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



40.8030, 40.2326, 24.2337



36.3352, 40.2326, 23.9398



32.6712, 40.2326, 28.1680

Triad

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



36.3352, 40.2326, 23.9398



32.2965, 40.2326, 62.8352



47.0609, 40.2326, 51.3885

Complementary

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



36.3352, 40.2326, 23.9398



23.2818, 22.1605, 44.6455

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.



44.4079, 40.2326, 64.3693



36.3352, 40.2326, 23.9398



35.7864, 40.2326, 71.8096

Square

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



36.3352, 40.2326, 23.9398



30.4648, 40.2326, 49.5920



40.2100, 40.2326, 72.4201



47.2367, 40.2326, 38.4894

Rectangle

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



36.3352, 40.2326, 23.9398



31.0818, 40.2326, 33.5671



40.2100, 40.2326, 72.4201



46.4203, 40.2326, 55.9413

Sweetspot

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



36.3362, 40.2344, 23.9406



71.6115, 76.6346, 71.2387



28.7740, 24.5443, 23.1638



15.4170, 16.5397, 14.9835



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.



36.3362, 40.2344, 23.9406



63.4240, 70.7958, 36.0276



32.6146, 39.7541, 24.0441



9.1310, 9.7744, 9.0579



22.4203, 25.3391, 3.7093



0.7242, 0.8349, 0.1230

Inverse Universe

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



23.2818, 22.1605, 44.6455



36.3355, 33.2968, 79.0071



26.1707, 22.7250, 44.6022



8.1009, 8.3480, 10.6907



5.9021, 2.6046, 30.3287



0.2056, 0.1218, 0.9609

Previews

White Background



This preview shows how the XYZ color 36.3352, 40.2326, 23.9398 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 36.3352, 40.2326, 23.9398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

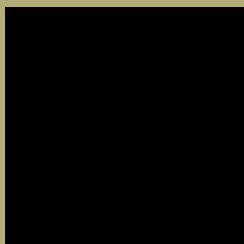
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.3352, 40.2326, 23.9398

Background



This preview shows how black text looks on a background with the XYZ color 36.3352, 40.2326, 23.9398.



This preview shows how white text looks on a background with the XYZ color 36.3352, 40.2326,

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

36.3352, 40.2326, 23.9398

Protanopia

37.2933, 40.1728, 23.5579

Deuteranopia

41.0295, 40.1810, 24.3321



Tritanopia

41.2582, 40.3150, 47.7265

Trichromacy



Original Color

36.3352, 40.2326, 23.9398

Protanomaly

37.0091, 40.3056, 23.5985

Deuteranomaly

39.1414, 40.0150, 24.0731

Tritanomaly

39.1445, 40.2633, 37.6068

Monochromacy



Original Color

36.3352, 40.2326, 23.9398

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.5685, 39.2682, 34.9303

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3352, 40.2326, 23.9398 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(177, 172, 121)` looks like.

```
.text, #text, p{  
    color:rgb(177, 172, 121)  
}
```

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(177, 172, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 172, 121) }
```

Border

The CSS property to change the border of an element to XYZ 36.3352, 40.2326, 23.9398 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(177, 172, 121) }
```


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

```
.border{ border-color:rgb(177, 172, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 172, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 172, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 172, 121);  
box-shadow:4px 4px 4px 4px rgb(177, 172,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3352, 40.2326, 23.9398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 172, 121) }
```

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

```
.background{ background-color: rgb(177,  
172, 121) }
```

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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