

Converting Colors

XYZ(36.4719, 40.5793, 23.5849)

Have a look what the booklet for
XYZ(36.4719, 40.5793, 23.5849)
contains.

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Color

**XYZ(36.4652, 40.5903,
23.6821)**

Conversions

Conversions Part 1

Format	Color
Hex	B1AD78
RGB	177, 173, 120
RGB Percent	69%, 68%, 47%
CMY	0.3059, 0.3216, 0.5294
CMYK	0.00, 0.02, 0.32, 0.31
HSL	56°, 27%, 58%
HSV	56°, 32%, 69%
XYZ	36.4652, 40.5903, 23.6821
YIQ	168.1540, 19.3970, -15.6350

Conversions

Conversions Part 2

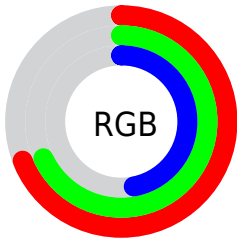
Format	Color
RYB	124, 177, 120
Decimal	11644280
CIELab	69.89, -6.89, 27.81
CIELCh	70, 28.647, 103.920
Yxy	40.5903, 0.3620, 0.4029
Android (android.graphics.Color)	4289834360 (0xFFB1AD78)
YUV	168.1540, -23.7399, 7.7579
Hunter-Lab	63.7105, -9.3276, 22.5584

Details

The XYZ color **36.4652, 40.5903, 23.6821** is a light color, and the websafe version is hex **999966**. A complement of this color would be **22.8891, 21.5822, 44.5545**, and the grayscale version is **37.4022, 39.3501, 42.8522**.

A 20% lighter version of the original color is **68.8905, 75.8276, 50.5404**, and **16.1431, 18.3406, 8.6505** is the 20% darker color. If you saturate the color by 10%, you get **35.2524, 39.7277, 18.4592**, and if you desaturate by 10%, it is **37.8809, 41.5405, 29.9533**.

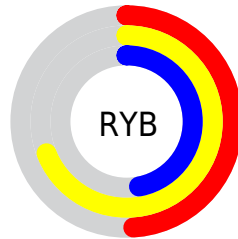
Distribution



Red (69%)

Green (68%)

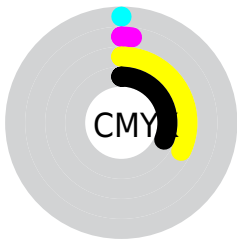
Blue (47%)



Red (49%)

Yellow (69%)

Blue (47%)

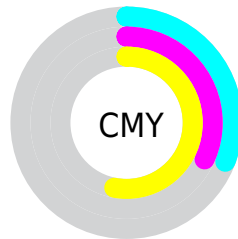


Cyan (0%)

Magenta (2%)

Yellow (32%)

Black (31%)



Cyan (31%)


Magenta (32%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.4652, 40.5903, 23.6821 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 36.4652, 40.5903, 23.6821 by changing the saturation by 10% instead.


 36.4652, 40.5903,
23.6821


 36.4652, 40.5903,
23.6821


322.3852,
348.6054, 284.4439


 24.9655, 27.9991,
14.8880


 69.0687, 76.0616,
50.4482

 16.1799, 18.3250,
8.5950


 90.9031, 99.7104,
69.2573

 9.7432, 11.1836,
4.3848


 116.9132,
127.8139, 92.2418

 5.2900, 6.1904,
1.8387

147.4642,
160.7565, 119.8202

 2.4549, 2.9612,
0.4533

182.9216,
198.9225, 152.4111

 0.8726, 1.1115,
0.0000

223.6506,

 0.0000, 0.0000,

242.6964, 190.4330

0.0000

270.0167,
292.4626, 234.3044

■ 36.4652, 40.5903,
23.6821

■ 36.4652, 40.5903,
23.6821

■ 35.2524, 39.7277,
18.4592

■ 37.8809, 41.5405,
29.9533

■ 34.2284, 38.9426,
14.2243

■ 39.5065, 42.5767,
37.3235

■ 33.3822, 38.2323,
10.9149

■ 41.3524, 43.7047,
45.8432

■ 32.7004, 37.5912,
8.4604

■ 43.4276, 44.9279,
55.5590

■ 32.1677, 37.0132,
6.7801

■ 45.7404, 46.2498,
66.5151

■ 31.7658, 36.4910,
5.7777

■ 48.2988, 47.6734,
78.7531

■ 31.5132, 36.1106,
5.3091

■ 51.1103, 49.2019,
92.3130

■ 53.1007, 50.4056,
101.5383

■ 53.3577, 50.9194,
101.6239

Harmonies

Analogous

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



41.1140, 40.5903, 23.8476



36.4652, 40.5903, 23.6821



32.6950, 40.5903, 28.1755

Triad

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



36.4652, 40.5903, 23.6821



32.4817, 40.5903, 64.4818



47.8411, 40.5903, 51.6877

Complementary

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



36.4652, 40.5903, 23.6821



22.8891, 21.5822, 44.5545

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.



45.1316, 40.5903, 65.3653



36.4652, 40.5903, 23.6821



36.1520, 40.5903, 73.7067

Square

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



36.4652, 40.5903, 23.6821



30.5235, 40.5903, 50.6579



40.7747, 40.5903, 74.0592



47.9421, 40.5903, 38.3083

Rectangle

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



36.4652, 40.5903, 23.6821



31.0819, 40.5903, 33.8517



40.7747, 40.5903, 74.0592



47.1960, 40.5903, 56.4581

Sweetspot

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



36.4662, 40.5921, 23.6830



71.3939, 76.6504, 69.7756



28.5340, 24.2548, 22.4967



15.3784, 16.5532, 14.6913



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.



36.4662, 40.5921, 23.6830



63.6541, 71.5297, 35.2607



32.2967, 39.5972, 23.7107



9.1451, 9.8026, 9.0626



22.8508, 26.2001, 3.8528



0.7341, 0.8546, 0.1263

Inverse Universe

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



22.8891, 21.5822, 44.5545



35.3476, 31.9010, 78.7898



26.1107, 22.5146, 44.5646



8.0882, 8.3227, 10.6865



5.8663, 2.5330, 30.3167



0.2003, 0.1112, 0.9591

Previews

White Background



This preview shows how the XYZ color 36.4652, 40.5903, 23.6821 looks on a white background.

Color Contrast Check

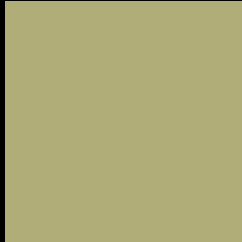
Large Text (above 18pt) WCAG AA × Fail

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 36.4652, 40.5903, 23.6821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

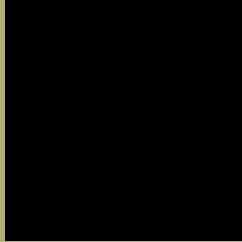
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.4652, 40.5903, 23.6821

Background



This preview shows how black text looks on a background with the XYZ color 36.4652, 40.5903, 23.6821.



This preview shows how white text looks on a background with the XYZ color 36.4652, 40.5903,

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

36.4652, 40.5903, 23.6821

Protanopia

37.6598, 40.6481, 23.3137

Deuteranopia

41.4169, 40.6526, 24.0762



Tritanopia

41.5401, 40.7175, 48.3177

Trichromacy



Original Color

36.4652, 40.5903, 23.6821

Protanomaly

37.1384, 40.6607, 23.3437

Deuteranomaly

39.5180, 40.4872, 23.8212

Tritanomaly

39.4156, 40.6683, 38.1201

Monochromacy



Original Color

36.4652, 40.5903, 23.6821

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.7552, 39.6417, 34.9926

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4652, 40.5903, 23.6821 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, 173, 120)` looks like.

```
.text, #text, p{  
    color:rgb(177, 173, 120)  
}
```

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, 173, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 173, 120) }
```

Border

The CSS property to change the border of an element to XYZ 36.4652, 40.5903, 23.6821 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, 173, 120) }
```


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

```
.border{ border-color:rgb(177, 173, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 173, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 173, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 173, 120);  
box-shadow:4px 4px 4px 4px rgb(177, 173,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4652, 40.5903, 23.6821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 173, 120) }
```

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

```
.background{ background-color: rgb(177,  
173, 120) }
```

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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