

Converting Colors

XYZ(40.3154, 42.3602, 36.3823)

Have a look what the booklet for
XYZ(40.3154, 42.3602, 36.3823)
contains.

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Color

**XYZ(40.2218, 42.2543,
36.1730)**

Conversions

Conversions Part 1

Format	Color
Hex	B7AD99
RGB	183, 173, 153
RGB Percent	72%, 68%, 60%
CMY	0.2823, 0.3216, 0.4000
CMYK	0.00, 0.05, 0.16, 0.28
HSL	40°, 17%, 66%
HSV	40°, 16%, 72%
XYZ	40.2218, 42.2543, 36.1730
YIQ	173.7100, 12.3800, -4.1000

Conversions

Conversions Part 2

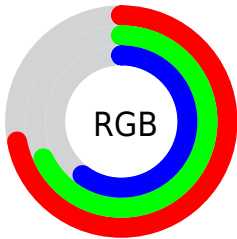
Format	Color
RYB	168, 183, 153
Decimal	12037529
CIELab	71.05, 0.19, 11.56
CIELCh	71, 11.563, 89.069
Yxy	42.2543, 0.3390, 0.3561
Android (android.graphics.Color)	4290227609 (0xFFB7AD99)
YUV	173.7100, -10.2100, 8.1473
Hunter-Lab	65.0033, -3.3062, 12.5087

Details

The XYZ color **40.2218, 42.2543, 36.1730** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.7813, 36.3850, 49.9900**, and the grayscale version is **40.1305, 42.2204, 45.9780**.

A 20% lighter version of the original color is **74.6025, 78.3425, 70.2211**, and **18.4416, 19.3799, 15.3391** is the 20% darker color. If you saturate the color by 10%, you get **37.6824, 39.4114, 28.4327**, and if you desaturate by 10%, it is **43.0487, 45.3004, 45.1539**.

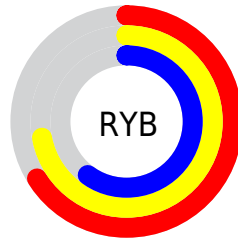
Distribution



Red (72%)

Green (68%)

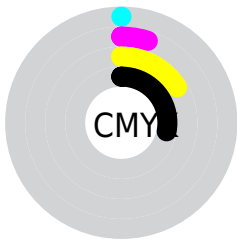
Blue (60%)



Red (66%)

Yellow (72%)

Blue (60%)

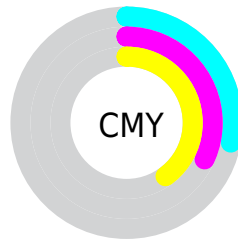


Cyan (0%)

Magenta (5%)

Yellow (16%)

Black (28%)



Cyan (28%)


Magenta (32%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.2218, 42.2543, 36.1730 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 40.2218, 42.2543, 36.1730 by changing the saturation by 10% instead.


 40.2218, 42.2543,
36.1730


 40.2218, 42.2543,
36.1730


338.1759,
355.5360, 344.7763

 27.8965, 29.3005,
24.2771


 74.7833, 78.5844,
70.4711

 18.3877, 19.3082,
15.3252


 97.7503, 102.7294,
93.7103

 11.3301, 11.8932,
8.8988


124.9952,
131.3736, 121.5677

 6.3582, 6.6710,
4.5793

156.8833,
164.9013, 154.4618

 3.1068, 3.2572,
1.9482

193.7801,
203.6971, 192.8112

 1.2105, 1.2674,
0.5232

236.0509,

 0.1146, 0.1158,

248.1452, 237.0344

0.0000

284.0611,
298.6300, 287.5499

■ 0.0000, 0.0000,
0.0000

■ 40.2218, 42.2543,
36.1730

■ 40.2218, 42.2543,
36.1730

■ 37.6824, 39.4114,
28.4327

■ 43.0487, 45.3004,
45.1539

■ 35.4159, 36.7606,
21.8745

■ 46.1703, 48.5495,
55.4248

■ 33.4113, 34.2976,
16.4395

■ 49.5976, 52.0084,
67.0357

■ 31.6555, 32.0162,
12.0623

■ 53.3401, 55.6821,
80.0331

■ 30.1343, 29.9093,
8.6708

■ 57.4069, 59.5752,
94.4615

■ 28.8314, 27.9693,
6.1839

■ 60.5246, 63.1793,
103.6126

■ 27.7282, 26.1874,
4.5073

■ 62.0551, 66.2404,
104.1228

■ 26.8002, 24.5526,
3.5162

■ 63.6436, 69.4173,
104.6522

■ 26.4908, 23.9917,
3.2347

■ 65.2906, 72.7113,
105.2012

Harmonies

Analogous

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



42.1004, 42.2543, 37.4754



40.2218, 42.2543, 36.1730



38.3842, 42.2543, 37.3249

Triad

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



40.2218, 42.2543, 36.1730



37.0026, 42.2543, 51.3704



43.4315, 42.2543, 51.6931

Complementary

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



40.2218, 42.2543, 36.1730



34.7813, 36.3850, 49.9900

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.



41.9927, 42.2543, 55.9424



40.2218, 42.2543, 36.1730



38.2829, 42.2543, 55.7458

Square

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



40.2218, 42.2543, 36.1730



36.5620, 42.2543, 45.8352



40.1011, 42.2543, 57.4807



43.9897, 42.2543, 46.1807

Rectangle

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



40.2218, 42.2543, 36.1730



37.4210, 42.2543, 39.3865



40.1011, 42.2543, 57.4807



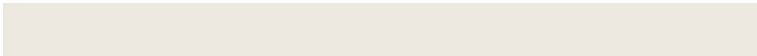
43.0326, 42.2543, 53.3323

Sweetspot

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



40.2229, 42.2562, 36.1739



77.8010, 81.8731, 83.1461



37.5311, 35.4947, 39.5240



17.1007, 17.9955, 18.0945



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.



40.2229, 42.2562, 36.1739



70.1866, 73.6313, 59.0679



41.0438, 45.6323, 36.7823



9.4912, 9.9854, 9.5340



18.5453, 16.8670, 2.2782



0.7081, 0.7033, 0.0984

Inverse Universe

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



34.7813, 36.3850, 49.9900



58.4303, 60.9484, 88.9203



34.0396, 33.4711, 49.4667



8.7591, 9.1954, 11.3927



7.1832, 4.8261, 31.8060



0.3117, 0.2870, 1.1407

Previews

White Background



This preview shows how the XYZ color 40.2218, 42.2543, 36.1730 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 40.2218, 42.2543, 36.1730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

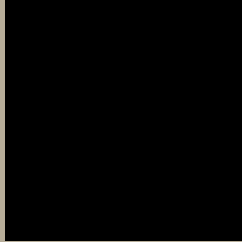
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.2218, 42.2543, 36.1730

Background



This preview shows how black text looks on a background with the XYZ color 40.2218, 42.2543, 36.1730.



This preview shows how white text looks on a background with the XYZ color 40.2218, 42.2543,

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

40.2218, 42.2543, 36.1730

Protanopia

39.9847, 42.1321, 36.1619

Deuteranopia

43.1241, 42.3441, 36.4722



Tritanopia

43.1250, 42.3181, 50.1513

Trichromacy



Original Color

40.2218, 42.2543, 36.1730

Protanomaly

39.9847, 42.1321, 36.1619

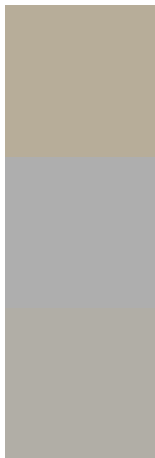
Deuteranomaly

42.1998, 42.4200, 36.5356

Tritanomaly

41.9751, 42.1288, 44.4474

Monochromacy



Original Color

40.2218, 42.2543, 36.1730

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.1504, 42.3724, 42.1389

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2218, 42.2543, 36.1730 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(183, 173, 153)` looks like.

```
.text, #text, p{  
    color:rgb(183, 173, 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(183, 173, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 173, 153) }
```

Border

The CSS property to change the border of an element to XYZ 40.2218, 42.2543, 36.1730 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(183, 173, 153) }
```


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

```
.border{ border-color:rgb(183, 173, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 173, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 173, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 173, 153);  
box-shadow:4px 4px 4px 4px rgb(183, 173,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2218, 42.2543, 36.1730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 173, 153) }
```

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

```
.background{ background-color: rgb(183,  
173, 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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