

Converting Colors

XYZ(41.5543, 42.5965, 36.3417)

Have a look what the booklet for
XYZ(41.5543, 42.5965, 36.3417)
contains.

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Color

**XYZ(41.4886, 42.6238,
36.1775)**

Conversions

Conversions Part 1

Format	Color
Hex	BDAC99
RGB	189, 172, 153
RGB Percent	74%, 67%, 60%
CMY	0.2588, 0.3255, 0.4000
CMYK	0.00, 0.09, 0.19, 0.26
HSL	32°, 21%, 67%
HSV	32°, 19%, 74%
XYZ	41.4886, 42.6238, 36.1775
YIQ	174.9170, 16.2310, -2.3050

Conversions

Conversions Part 2

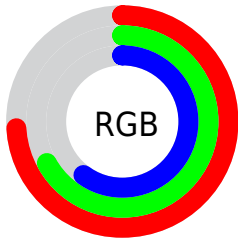
Format	Color
R _{YB}	185, 189, 153
Decimal	12430489
CIE Lab	71.30, 3.00, 11.99
CIE LCh	71, 12.361, 75.965
Yxy	42.6238, 0.3449, 0.3543
Android (android.graphics.Color)	4290620569 (0xFFBDAC99)
YUV	174.9170, -10.8051, 12.3508
Hunter-Lab	65.2869, -0.8187, 12.8464

Details

The XYZ color **41.4886, 42.6238, 36.1775** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.6967, 39.1950, 53.7758**, and the grayscale version is **40.7538, 42.8762, 46.6922**.

A 20% lighter version of the original color is **76.7376, 79.0360, 70.2424**, and **19.1064, 19.5431, 15.3356** is the 20% darker color. If you saturate the color by 10%, you get **38.4083, 38.7664, 28.0496**, and if you desaturate by 10%, it is **44.9326, 46.8121, 45.6475**.

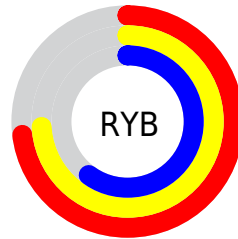
Distribution



Red (74%)

Green (67%)

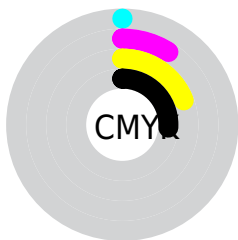
Blue (60%)



Red (73%)

Yellow (74%)

Blue (60%)

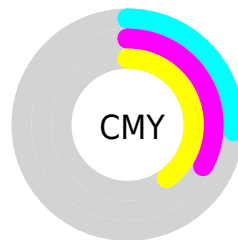


Cyan (0%)

Magenta (9%)

Yellow (19%)

Black (26%)



Cyan (26%)


Magenta (33%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.4886, 42.6238, 36.1775 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 41.4886, 42.6238, 36.1775 by changing the saturation by 10% instead.


 41.4886, 42.6238,
36.1775

 41.4886, 42.6238,
36.1775


343.3864,
357.0624, 344.7965

 28.8904, 29.5901,
24.2805


 76.6951, 79.1429,
70.4781

 19.1418, 19.5276,
15.3277


 100.0341,
103.3969, 93.7188

 11.8774, 12.0522,
8.9005


127.6841,
132.1599, 121.5778

 6.7319, 6.7792,
4.5804

160.0104,
165.8163, 154.4736

 3.3398, 3.3244,
1.9489

197.3785,
204.7502, 192.8249

 1.3359, 1.3033,
0.5236

240.1536,

 0.2099, 0.1438,

249.3463, 237.0501

0.0000

288.7011,
299.9889, 287.5678

■ 0.0000, 0.0000,
0.0000

■ 41.4886, 42.6238,
36.1775

■ 41.4886, 42.6238,
36.1775

■ 38.4083, 38.7664,
28.0496

■ 44.9326, 46.8121,
45.6475

■ 35.6743, 35.2249,
21.1993

■ 48.7497, 51.3341,
56.5148

■ 33.2731, 31.9919,
15.5605

■ 52.9536, 56.2001,
68.8347

■ 31.1884, 29.0569,
11.0604

■ 57.5558, 61.4179,
82.6587

■ 29.4027, 26.4091,
7.6179

■ 62.5675, 66.9954,
98.0359

■ 27.8962, 24.0364,
5.1413

■ 66.1087, 72.1835,
105.0562

■ 26.6458, 21.9255,
3.5227

■ 68.5922, 77.1503,
105.8841

■ 25.6132, 20.0566,
2.5731

■ 71.2036, 82.3733,
106.7545

■ 25.5216, 19.8892,
2.4939

■ 73.9450, 87.8560,
107.6683

Harmonies

Analogous

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



43.3517, 42.6238, 38.6656



41.4886, 42.6238, 36.1775



39.4244, 42.6238, 36.2620

Triad

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



41.4886, 42.6238, 36.1775



36.7941, 42.6238, 49.6267



43.4512, 42.6238, 54.8203

Complementary

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



41.4886, 42.6238, 36.1775



36.6967, 39.1950, 53.7758

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.



41.6208, 42.6238, 58.2941



41.4886, 42.6238, 36.1775



37.8004, 42.6238, 55.1252

Square

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



41.4886, 42.6238, 36.1775



36.7614, 42.6238, 43.6920



39.5521, 42.6238, 58.4103



44.5107, 42.6238, 49.2386

Rectangle

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



41.4886, 42.6238, 36.1775



38.2128, 42.6238, 37.7570



39.5521, 42.6238, 58.4103



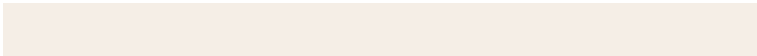
42.9029, 42.6238, 56.2934

Sweetspot

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



41.4897, 42.6257, 36.1784



82.4205, 86.1668, 87.2332



39.6716, 36.5193, 43.1874



17.6308, 18.4185, 18.4954



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.4897, 42.6257, 36.1784



71.8451, 73.2847, 58.2165



44.7855, 49.4378, 37.3196



9.9357, 10.3475, 10.0502



17.2487, 13.5361, 1.7036



0.7407, 0.6603, 0.0884

Inverse Universe

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



36.6967, 39.1950, 53.7758



61.6327, 65.9755, 95.7124



33.8275, 33.2880, 52.7868



9.3779, 9.9482, 12.0981



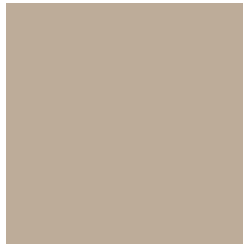
8.6720, 7.4558, 33.3749



0.4052, 0.4231, 1.3292

Previews

White Background



This preview shows how the XYZ color 41.4886, 42.6238, 36.1775 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 41.4886, 42.6238, 36.1775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

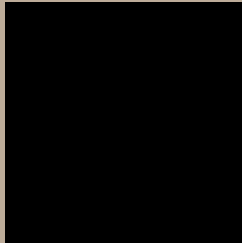
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.4886, 42.6238, 36.1775

Background



This preview shows how black text looks on a background with the XYZ color 41.4886, 42.6238, 36.1775.



This preview shows how white text looks on a background with the XYZ color 41.4886, 42.6238,

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

41.4886, 42.6238, 36.1775

Protanopia

40.4972, 42.6725, 36.6740

Deuteranopia

43.3886, 42.4805, 36.4846



Tritanopia

44.3354, 42.6789, 49.6172

Trichromacy



Original Color

41.4886, 42.6238, 36.1775

Protanomaly

40.7839, 42.5345, 36.6323

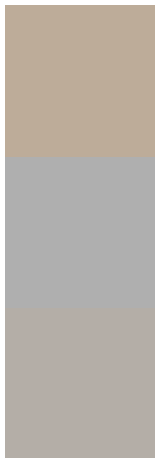
Deuteranomaly

42.5264, 42.3111, 36.4973

Tritanomaly

43.2769, 42.5227, 44.4548

Monochromacy



Original Color

41.4886, 42.6238, 36.1775

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.9335, 42.7654, 42.6563

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4886, 42.6238, 36.1775 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(189, 172, 153)` looks like.

```
.text, #text, p{  
    color:rgb(189, 172, 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(189, 172, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 172, 153) }
```

Border

The CSS property to change the border of an element to XYZ 41.4886, 42.6238, 36.1775 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(189, 172, 153) }
```


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

```
.border{ border-color:rgb(189, 172, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 172, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 172, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 172, 153);  
box-shadow:4px 4px 4px 4px rgb(189, 172,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4886, 42.6238, 36.1775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 172, 153) }
```

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

```
.background{ background-color: rgb(189,  
172, 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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