

Converting Colors

XYZ(42.6650, 46.0721, 33.5538)

Have a look what the booklet for
XYZ(42.6650, 46.0721, 33.5538)
contains.

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Color

**XYZ(42.6210, 45.9109,
33.4034)**

Conversions

Conversions Part 1

Format	Color
Hex	BDB591
RGB	189, 181, 145
RGB Percent	74%, 71%, 57%
CMY	0.2588, 0.2902, 0.4314
CMYK	0.00, 0.04, 0.23, 0.26
HSL	49°, 25%, 65%
HSV	49°, 23%, 74%
XYZ	42.6210, 45.9109, 33.4034
YIQ	179.2880, 16.3240, -9.5000

Conversions

Conversions Part 2

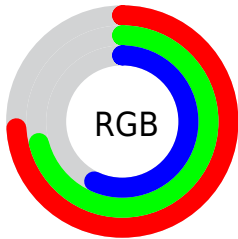
Format	Color
RYB	155, 189, 145
Decimal	12432785
CIELab	73.49, -3.02, 19.40
CIELCh	73, 19.634, 98.839
Yxy	45.9109, 0.3495, 0.3765
Android (android.graphics.Color)	4290622865 (0xFFBDB591)
YUV	179.2880, -16.9040, 8.5174
Hunter-Lab	67.7576, -6.2954, 18.2013

Details

The XYZ color **42.6210, 45.9109, 33.4034** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.2535, 32.4756, 52.7129**, and the grayscale version is **43.0837, 45.3274, 49.3615**.

A 20% lighter version of the original color is **78.5990, 84.2847, 66.1588**, and **19.7312, 21.3974, 13.6798** is the 20% darker color. If you saturate the color by 10%, you get **40.5938, 43.9979, 26.1259**, and if you desaturate by 10%, it is **44.9103, 47.9595, 41.9655**.

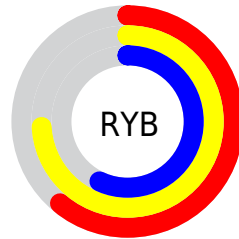
Distribution



Red (74%)

Green (71%)

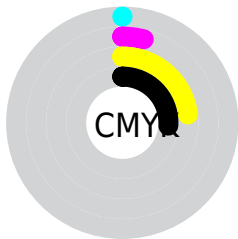
Blue (57%)



Red (61%)

Yellow (74%)

Blue (57%)

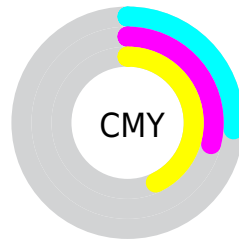


Cyan (0%)

Magenta (4%)

Yellow (23%)

Black (26%)



Cyan (26%)


Magenta (29%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.6210, 45.9109, 33.4034 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 42.6210, 45.9109, 33.4034 by changing the saturation by 10% instead.


 42.6210, 45.9109,
33.4034

 42.6210, 45.9109,
33.4034


347.9988,
370.4503, 332.1512

 29.7811, 32.1755,
22.1620


 78.3979, 84.0856,
66.1281

 19.8197, 21.4956,
13.7765

 102.0656,
109.2938, 88.4484

 12.3716, 13.4867,
7.8284


130.0733,
139.0950, 115.2989

 7.0713, 7.7646,
3.8992

162.7863,
173.8736, 147.0980

 3.5534, 3.9447,
1.5702

200.5700,
214.0140, 184.2642

 1.4527, 1.6427,
0.2694

243.7898,

 0.2933, 0.3861,

259.9007, 227.2161

0.0000

292.8109,
311.9180, 276.3722

■ 0.0000, 0.0000,
0.0000

■ 42.6210, 45.9109,
33.4034

■ 42.6210, 45.9109,
33.4034

■ 40.5938, 43.9979,
26.1259

■ 44.9103, 47.9595,
41.9655

■ 38.8131, 42.2092,
20.0671

■ 47.4693, 50.1422,
51.8681

■ 37.2668, 40.5414,
15.1592

■ 50.3100, 52.4654,
63.1674

■ 35.9406, 38.9887,
11.3271

■ 53.4422, 54.9334,
75.9153

■ 34.8183, 37.5442,
8.4863

■ 56.8754, 57.5501,
90.1613

■ 33.8815, 36.2005,
6.5399

■ 60.0661, 60.0983,
103.0421

■ 33.1077, 34.9484,
5.3715

■ 60.8790, 61.7241,
103.3130

■ 32.6503, 34.1467,
4.8701

■ 61.7099, 63.3859,
103.5900

■ 62.5590, 65.0841,
103.8730

Harmonies

Analogous

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



46.0869, 45.9109, 34.2203



42.6210, 45.9109, 33.4034



39.5899, 45.9109, 36.5490

Triad

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



42.6210, 45.9109, 33.4034



38.6496, 45.9109, 62.9381



50.1509, 45.9109, 57.1997

Complementary

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



42.6210, 45.9109, 33.4034



32.2535, 32.4756, 52.7129

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.



47.9508, 45.9109, 66.3762



42.6210, 45.9109, 33.4034



41.2753, 45.9109, 69.9822

Square

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



42.6210, 45.9109, 33.4034



37.3780, 45.9109, 52.9793



44.6689, 45.9109, 71.3174



50.5582, 45.9109, 47.1137

Rectangle

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



42.6210, 45.9109, 33.4034



38.1795, 45.9109, 40.7501



44.6689, 45.9109, 71.3174



49.5911, 45.9109, 60.5288

Sweetspot

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



42.6222, 45.9130, 33.4044



83.2022, 88.2768, 85.8084



36.8674, 33.3723, 34.6649



17.8328, 18.9330, 18.2219



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.



42.6222, 45.9130, 33.4044



74.4018, 80.4282, 52.8100



41.0030, 47.5616, 33.8079



10.1708, 10.8176, 10.1286



22.0192, 23.0772, 3.2938



0.9016, 0.9821, 0.1420

Inverse Universe

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



32.2535, 32.4756, 52.7129



52.5491, 52.1118, 93.5152



33.5961, 31.2897, 52.4132



9.1530, 9.4983, 12.0232



6.6130, 3.3377, 32.6886



0.3024, 0.2175, 1.2949

Previews

White Background



This preview shows how the XYZ color 42.6210, 45.9109, 33.4034 looks on a white background.

Color Contrast Check

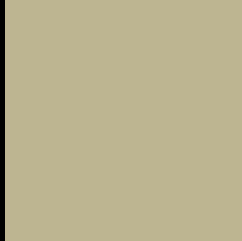
Large Text (above 18pt) WCAG AA × Fail

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 42.6210, 45.9109, 33.4034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

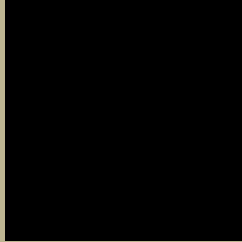
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.6210, 45.9109, 33.4034

Background



This preview shows how black text looks on a background with the XYZ color 42.6210, 45.9109, 33.4034.



This preview shows how white text looks on a background with the XYZ color 42.6210, 45.9109,

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

42.6210, 45.9109, 33.4034

Protanopia

43.1703, 45.8933, 33.3710

Deuteranopia

46.7884, 45.6954, 33.9578



Tritanopia

47.0210, 45.9362, 54.5324

Trichromacy



Original Color

42.6210, 45.9109, 33.4034

Protanomaly

42.9180, 45.7632, 33.3592

Deuteranomaly

45.0708, 45.6825, 33.6363

Tritanomaly

45.2573, 45.7989, 45.9899

Monochromacy



Original Color

42.6210, 45.9109, 33.4034

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.8247, 45.4998, 43.0845

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6210, 45.9109, 33.4034 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, 181, 145)` looks like.

```
.text, #text, p{  
    color:rgb(189, 181, 145)  
}
```

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, 181, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 181, 145) }
```

Border

The CSS property to change the border of an element to XYZ 42.6210, 45.9109, 33.4034 is called "border". The border property can be set on classes, ids or directly on the HTML element.

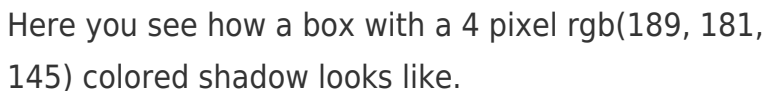
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 181, 145) }
```


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

```
.border{ border-color:rgb(189, 181, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 181, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 181, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 181, 145); box-shadow:4px 4px 4px 4px rgb(189, 181, 145) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6210, 45.9109, 33.4034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 181, 145) }
```

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

```
.background{ background-color: rgb(189,  
181, 145) }
```

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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