

Converting Colors

XYZ(43.3218, 46.9141, 37.2281)

Have a look what the booklet for
XYZ(43.3218, 46.9141, 37.2281)
contains.

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Color

**XYZ(43.2597, 46.7649,
37.3183)**

Conversions

Conversions Part 1

Format	Color
Hex	BBB79A
RGB	187, 183, 154
RGB Percent	73%, 72%, 60%
CMY	0.2667, 0.2823, 0.3961
CMYK	0.00, 0.02, 0.18, 0.27
HSL	53°, 20%, 67%
HSV	53°, 18%, 73%
XYZ	43.2597, 46.7649, 37.3183
YIQ	180.8900, 11.6930, -8.1710

Conversions

Conversions Part 2

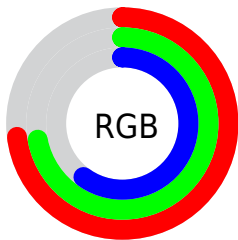
Format	Color
R_{YB}	159, 187, 154
Decimal	12302234
CIE Lab	74.04, -3.49, 15.28
CIE LCh	74, 15.670, 102.875
Yxy	46.7649, 0.3397, 0.3672
Android (android.graphics.Color)	4290492314 (0xFFBBB79A)
YUV	180.8900, -13.2568, 5.3585
Hunter-Lab	68.3849, -6.7559, 15.5143

Details

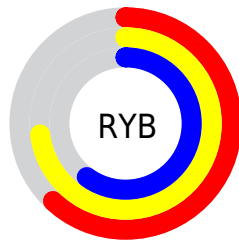
The XYZ color **43.2597, 46.7649, 37.3183** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.5227, 34.9107, 51.9328**, and the grayscale version is **43.9275, 46.2152, 50.3283**.

A 20% lighter version of the original color is **79.2138, 85.3418, 71.9721**, and **20.2623, 22.0129, 16.0129** is the 20% darker color. If you saturate the color by 10%, you get **41.3592, 45.2650, 29.5902**, and if you desaturate by 10%, it is **45.4128, 48.3810, 46.3288**.

Distribution



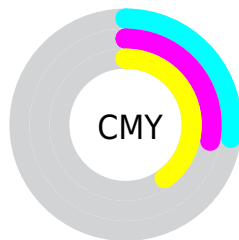
- Red (73%)
- Green (72%)
- Blue (60%)



- Red (62%)
- Yellow (73%)
- Blue (60%)



- Cyan (0%)
- Magenta (2%)
- Yellow (18%)
- Black (27%)




- Cyan (27%)
- Magenta (28%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2597, 46.7649, 37.3183 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 43.2597, 46.7649, 37.3183 by changing the saturation by 10% instead.

 43.2597, 46.7649,
37.3183


 43.2597, 46.7649,
37.3183


350.5821,
373.8753, 349.8966

 30.2843, 32.8498,
25.1563


 79.3559, 85.3626,
72.2538

 20.2037, 22.0114,
15.9735


 103.2074,
110.8140, 95.8645

 12.6523, 13.8653,
9.3512


131.4150,
140.8797, 124.1284

 7.2649, 8.0270,
4.8711

164.3441,
175.9439, 157.4642

 3.6761, 4.1123,
2.1144

202.3600,
216.3913, 196.2904

 1.5206, 1.7366,
0.6243

245.8281,

 0.3398, 0.4472,

262.6060, 241.0255

0.0000

295.1137,
314.9726, 292.0881

■ 0.0000, 0.0000,
0.0000

■ 43.2597, 46.7649,
37.3183

■ 43.2597, 46.7649,
37.3183

■ 41.3592, 45.2650,
29.5902

■ 45.4128, 48.3810,
46.3288

■ 39.6965, 43.8706,
23.0826

■ 47.8255, 50.1114,
56.6740

■ 38.2606, 42.5789,
17.7329

■ 50.5087, 51.9622,
68.4067

■ 37.0383, 41.3845,
13.4715

■ 53.4719, 53.9372,
81.5762

■ 36.0150, 40.2814,
10.2217

■ 56.7239, 56.0399,
96.2291

■ 35.1742, 39.2631,
7.8965

■ 58.4168, 57.5312,
102.6335

■ 34.4966, 38.3217,
6.3946

■ 58.9334, 58.5644,
102.8057

■ 33.9533, 37.4458,
5.5646

■ 59.4577, 59.6131,
102.9805

■ 33.8334, 37.2444,
5.4057

■ 59.9899, 60.6774,
103.1578

Harmonies

Analogous

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



46.0528, 46.7649, 37.5593



43.2597, 46.7649, 37.3183



40.8851, 46.7649, 40.4347

Triad

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



43.2597, 46.7649, 37.3183



40.6187, 46.7649, 62.1472



49.7949, 46.7649, 55.5954

Complementary

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



43.2597, 46.7649, 37.3183



34.5227, 34.9107, 51.9328

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.



48.2134, 46.7649, 63.0750



43.2597, 46.7649, 37.3183



42.8821, 46.7649, 67.1215

Square

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



43.2597, 46.7649, 37.3183



39.4040, 46.7649, 54.4327



45.6592, 46.7649, 67.4779



49.9064, 46.7649, 47.5599

Rectangle

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



43.2597, 46.7649, 37.3183



39.8270, 46.7649, 44.2077



45.6592, 46.7649, 67.4779



49.4146, 46.7649, 58.2774

Sweetspot

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



43.2609, 46.7670, 37.3193



82.3973, 87.4249, 87.4961



38.2556, 36.1590, 37.4922



18.0802, 19.2052, 18.9906



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.



43.2609, 46.7670, 37.3193



76.1709, 82.7428, 61.4646



41.2602, 46.9764, 37.4652



10.2210, 10.9180, 10.1453



23.3467, 25.7323, 3.7363



0.9426, 1.0642, 0.1557

Inverse Universe

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



34.5227, 34.9107, 51.9328



57.7339, 57.7280, 92.3011



36.2726, 34.8174, 51.8225



9.1071, 9.4065, 12.0078



6.4155, 2.9426, 32.6228



0.2823, 0.1773, 1.2882

Previews

White Background



This preview shows how the XYZ color 43.2597, 46.7649, 37.3183 looks on a white background.

Color Contrast Check

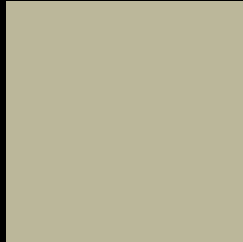
Large Text (above 18pt) WCAG AA × Fail

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 43.2597, 46.7649, 37.3183 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

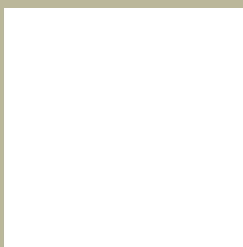
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.2597, 46.7649, 37.3183

Background



This preview shows how black text looks on a background with the XYZ color 43.2597, 46.7649, 37.3183.



This preview shows how white text looks on a background with the XYZ color 43.2597, 46.7649,

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

43.2597, 46.7649, 37.3183

Protanopia

44.2159, 46.9623, 36.8712

Deuteranopia

47.6252, 46.6156, 37.9401



Tritanopia

47.1731, 46.8530, 56.4264

Trichromacy



Original Color

43.2597, 46.7649, 37.3183

Protanomaly

43.7129, 46.7030, 36.8476

Deuteranomaly

45.9242, 46.6249, 37.5894

Tritanomaly

45.5923, 46.8040, 48.7506

Monochromacy



Original Color

43.2597, 46.7649, 37.3183

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.6071, 46.4635, 45.1981

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2597, 46.7649, 37.3183 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(187, 183, 154)` looks like.

```
.text, #text, p{  
    color:rgb(187, 183, 154)  
}
```

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(187, 183, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 183, 154) }
```

Border

The CSS property to change the border of an element to XYZ 43.2597, 46.7649, 37.3183 is called "border". The border property can be set on classes, ids or directly on the HTML element.

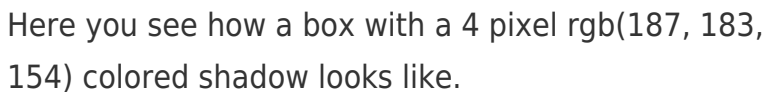
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 183, 154) }
```


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

```
.border{ border-color:rgb(187, 183, 154) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 183, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 183, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 183, 154); box-shadow:4px 4px 4px 4px rgb(187, 183, 154) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2597, 46.7649, 37.3183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 183, 154) }
```

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

```
.background{ background-color: rgb(187,  
183, 154) }
```

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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