

Converting Colors

XYZ(41.6980, 43.8803, 41.9537)

Have a look what the booklet for
XYZ(41.6980, 43.8803, 41.9537)
contains.

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Color

**XYZ(41.6083, 43.7124,
41.8416)**

Conversions

Conversions Part 1

Format	Color
Hex	B6B0A5
RGB	182, 176, 165
RGB Percent	71%, 69%, 65%
CMY	0.2863, 0.3098, 0.3529
CMYK	0.00, 0.03, 0.09, 0.29
HSL	39°, 10%, 68%
HSV	39°, 9%, 71%
XYZ	41.6083, 43.7124, 41.8416
YIQ	176.5400, 7.1070, -2.1490

Conversions

Conversions Part 2

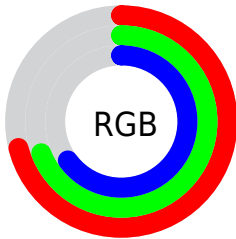
Format	Color
RYB	174, 182, 165
Decimal	11972773
CIELab	72.04, 0.19, 6.38
CIELCh	72, 6.384, 88.334
Yxy	43.7124, 0.3272, 0.3438
Android (android.graphics.Color)	4290162853 (0xFFB6B0A5)
YUV	176.5400, -5.6892, 4.7884
Hunter-Lab	66.1154, -3.3667, 8.7586

Details

The XYZ color **41.6083, 43.7124, 41.8416** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.5234, 40.5018, 50.0437**, and the grayscale version is **41.5761, 43.7413, 47.6343**.

A 20% lighter version of the original color is **77.0348, 81.0577, 79.2957**, and **19.2415, 20.2747, 18.5221** is the 20% darker color. If you saturate the color by 10%, you get **38.8395, 40.6395, 33.3192**, and if you desaturate by 10%, it is **44.6748, 47.0025, 51.6274**.

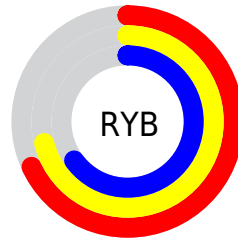
Distribution



Red (71%)

Green (69%)

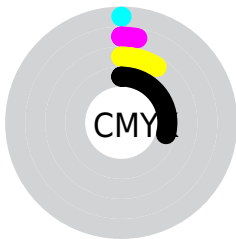
Blue (65%)



Red (68%)

Yellow (71%)

Blue (65%)

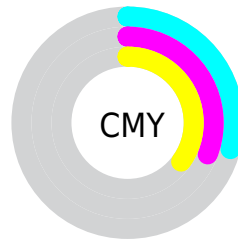


Cyan (0%)

Magenta (3%)

Yellow (9%)

Black (29%)



Cyan (29%)

Magenta (31%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.6083, 43.7124, 41.8416 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 41.6083, 43.7124, 41.8416 by changing the saturation by 10% instead.

■ 41.6083, 43.7124,
41.8416

■ 41.6083, 43.7124,
41.8416

343.8759,
361.5334, 369.6062

■ 28.9845, 30.4445,
28.6526

■ 76.8753, 80.7848,
79.2273

■ 19.2133, 20.1762,
18.5749

■ 100.2493,
105.3581, 104.2612

■ 11.9294, 12.5232,
11.1898

127.9373,
134.4686, 134.0804

■ 6.7675, 7.1010,
6.0789

160.3047,
168.5007, 169.1036

■ 3.3622, 3.5254,
2.8235

197.7170,
207.8388, 209.7492

■ 1.3480, 1.4118,
1.0053

240.5393,

■ 0.2187, 0.2254,

252.8674, 256.4358

0.0000

289.1372,
303.9708, 309.5819

■ 0.0000, 0.0000,
0.0000

■ 41.6083, 43.7124,
41.8416

■ 41.6083, 43.7124,
41.8416

■ 38.8395, 40.6395,
33.3192

■ 44.6748, 47.0025,
51.6274

■ 36.3541, 37.7726,
26.0049

■ 48.0456, 50.5094,
62.7232

■ 34.1419, 35.1075,
19.8435

■ 51.7315, 54.2400,
75.1766

■ 32.1905, 32.6381,
14.7745

■ 55.7415, 58.1994,
89.0319

■ 30.4866, 30.3575,
10.7315

■ 59.9228, 62.3275,
103.4799

■ 29.0154, 28.2585,
7.6410

■ 61.5209, 65.5237,
104.0126

■ 27.7602, 26.3329,
5.4197

■ 63.1831, 68.8481,
104.5667

■ 26.7015, 24.5714,
3.9696

■ 64.9101, 72.3022,
105.1423

■ 25.8033, 22.9581,
3.1058

■ 66.7027, 75.8873,
105.7398

Harmonies

Analogous

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



42.6578, 43.7124, 42.6650



41.6083, 43.7124, 41.8416



40.5601, 43.7124, 42.5030

Triad

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



41.6083, 43.7124, 41.8416



39.7289, 43.7124, 50.5028



43.3577, 43.7124, 50.8179

Complementary

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



41.6083, 43.7124, 41.8416



38.5234, 40.5018, 50.0437

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.



42.5505, 43.7124, 53.0791



41.6083, 43.7124, 41.8416



40.4563, 43.7124, 52.8916

Square

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



41.6083, 43.7124, 41.8416



39.4864, 43.7124, 47.4210



41.4864, 43.7124, 53.8538



43.6787, 43.7124, 47.7701

Rectangle

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



41.6083, 43.7124, 41.8416



40.0005, 43.7124, 43.7139



41.4864, 43.7124, 53.8538



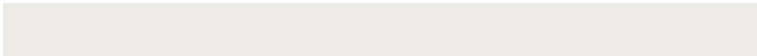
43.1335, 43.7124, 51.7001

Sweetspot

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



41.6095, 43.7143, 41.8425



78.8686, 82.9565, 86.7444



40.1200, 39.8051, 44.2140



17.3198, 18.2158, 18.8397



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.



41.6095, 43.7143, 41.8425



74.4702, 78.1951, 72.8379



42.2804, 45.8444, 42.2183



9.4764, 9.9558, 9.5291



18.2462, 16.2688, 2.1785



0.6991, 0.6853, 0.0954

Inverse Universe

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



38.5234, 40.5018, 50.0437



67.8530, 71.3071, 90.4231



37.8919, 38.5328, 49.6970



8.7733, 9.2239, 11.3974



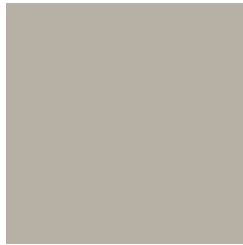
7.3226, 5.1049, 31.8525



0.3176, 0.2989, 1.1427

Previews

White Background



This preview shows how the XYZ color 41.6083, 43.7124, 41.8416 looks on a white background.

Color Contrast Check

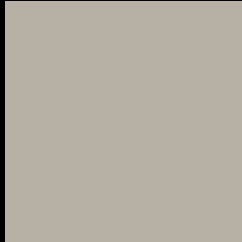
Large Text (above 18pt) WCAG AA × Fail

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 41.6083, 43.7124, 41.8416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

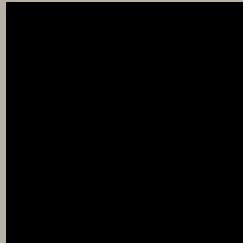
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.6083, 43.7124, 41.8416

Background



This preview shows how black text looks on a background with the XYZ color 41.6083, 43.7124, 41.8416.

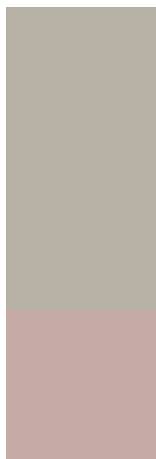


This preview shows how white text looks on a background with the XYZ color 41.6083, 43.7124,

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

41.6083, 43.7124, 41.8416

Protanopia

41.6083, 43.7124, 41.8416

Deuteranopia

44.2836, 43.3729, 42.1142



Tritanopia

43.8141, 43.7466, 52.5891

Trichromacy



Original Color

41.6083, 43.7124, 41.8416

Protanomaly

41.6083, 43.7124, 41.8416

Deuteranomaly

43.3737, 43.4647, 42.1799

Tritanomaly

42.9391, 43.6768, 48.2868

Monochromacy



Original Color

41.6083, 43.7124, 41.8416

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.8554, 44.0451, 45.8307

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6083, 43.7124, 41.8416 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(182, 176, 165)` looks like.

```
.text, #text, p{  
    color:rgb(182, 176, 165)  
}
```

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(182, 176, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 176, 165) }
```

Border

The CSS property to change the border of an element to XYZ 41.6083, 43.7124, 41.8416 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(182, 176, 165) }
```


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

```
.border{ border-color:rgb(182, 176, 165) }
```

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

Here you see how a box with a 4 pixel rgb(182, 176, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 176, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 176, 165);  
box-shadow:4px 4px 4px 4px rgb(182, 176,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6083, 43.7124, 41.8416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 176, 165) }
```

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

```
.background{ background-color: rgb(182,  
176, 165) }
```

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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