

Converting Colors

XYZ(41.6127, 43.8506, 43.2225)

Have a look what the booklet for
XYZ(41.6127, 43.8506, 43.2225)
contains.

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Color

**XYZ(41.6124, 43.9747,
43.3406)**

Conversions

Conversions Part 1

Format	Color
Hex	B4B1A8
RGB	180, 177, 168
RGB Percent	71%, 69%, 66%
CMY	0.2941, 0.3059, 0.3412
CMYK	0.00, 0.02, 0.07, 0.29
HSL	45°, 7%, 68%
HSV	45°, 7%, 71%
XYZ	41.6124, 43.9747, 43.3406
YIQ	176.8710, 4.6770, -2.1630

Conversions

Conversions Part 2

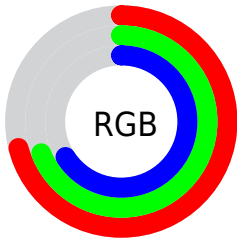
Format	Color
RYB	172, 180, 168
Decimal	11841960
CIELab	72.21, -0.56, 4.97
CIELCh	72, 4.999, 96.426
Yxy	43.9747, 0.3228, 0.3411
Android (android.graphics.Color)	4290032040 (0xFFB4B1A8)
YUV	176.8710, -4.3734, 2.7441
Hunter-Lab	66.3134, -4.0378, 7.6691

Details

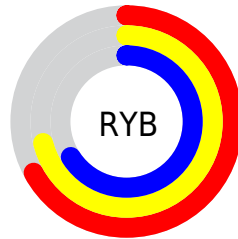
The XYZ color **41.6124, 43.9747, 43.3406** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.9496, 40.7454, 48.9923**, and the grayscale version is **41.7437, 43.9177, 47.8263**.

A 20% lighter version of the original color is **77.0503, 81.4384, 81.4702**, and **19.1124, 20.1883, 19.4124** is the 20% darker color. If you saturate the color by 10%, you get **39.1774, 41.6048, 34.8204**, and if you desaturate by 10%, it is **44.3113, 46.4999, 53.0951**.

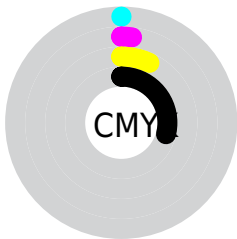
Distribution



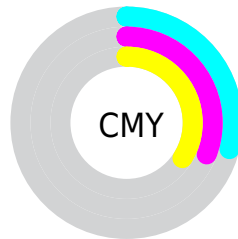
- Red (71%)
- Green (69%)
- Blue (66%)



- Red (67%)
- Yellow (71%)
- Blue (66%)



- Cyan (0%)
- Magenta (2%)
- Yellow (7%)
- Black (29%)



- Cyan (29%)
- Magenta (31%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.6124, 43.9747, 43.3406 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 41.6124, 43.9747, 43.3406 by changing the saturation by 10% instead.

■ 41.6124, 43.9747,
43.3406

■ 41.6124, 43.9747,
43.3406

343.8927,
362.6050, 375.9729

■ 28.9877, 30.6506,
29.8191

■ 76.8815, 81.1797,
81.5164

■ 19.2157, 20.3330,
19.4504

100.2566,
105.8294, 107.0078

■ 11.9312, 12.6373,
11.8161

127.9460,
135.0230, 137.3263

■ 6.7687, 7.1793,
6.4976

160.3148,
169.1451, 172.8903

■ 3.3629, 3.5745,
3.0763

197.7285,
208.5799, 214.1184

■ 1.3485, 1.4385,
1.1337

240.5525,

■ 0.2191, 0.2448,

253.7119, 261.4292

0.0000

289.1521,
304.9255, 315.2412

■ 0.0000, 0.0000,
0.0000

■ 41.6124, 43.9747,
43.3406

■ 41.6124, 43.9747,
43.3406

■ 39.1774, 41.6048,
34.8204

■ 44.3113, 46.4999,
53.0951

■ 36.9928, 39.3799,
27.4816

■ 47.2796, 49.1786,
64.1283

■ 35.0495, 37.2975,
21.2718

■ 50.5273, 52.0167,
76.4856

■ 33.3363, 35.3525,
16.1333

■ 54.0627, 55.0181,
90.2096

■ 31.8409, 33.5397,
12.0035

■ 57.4065, 57.9913,
102.7755

■ 30.5500, 31.8532,
8.8132

■ 58.4594, 60.0971,
103.1265

■ 29.4485, 30.2865,
6.4843

■ 59.5432, 62.2645,
103.4877

■ 28.5188, 28.8321,
4.9262

■ 60.6580, 64.4941,
103.8593

■ 27.7372, 27.4799,
4.0146

■ 61.8041, 66.7865,
104.2414

Harmonies

Analogous

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



42.4595, 43.9747, 43.6825



41.6124, 43.9747, 43.3406



40.8253, 43.9747, 44.1814

Triad

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



41.6124, 43.9747, 43.3406



40.4841, 43.9747, 50.7396



43.3260, 43.9747, 49.7943

Complementary

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



41.6124, 43.9747, 43.3406



38.9496, 40.7454, 48.9923

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.



42.7832, 43.9747, 51.7815



41.6124, 43.9747, 43.3406



41.1407, 43.9747, 52.3402

Square

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



41.6124, 43.9747, 43.3406



40.1796, 43.9747, 48.4113



41.9814, 43.9747, 52.7279



43.4564, 43.9747, 47.3545

Rectangle

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



41.6124, 43.9747, 43.3406



40.4380, 43.9747, 45.3170



41.9814, 43.9747, 52.7279



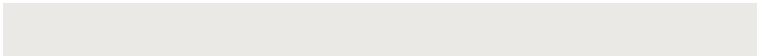
43.1853, 43.9747, 50.5399

Sweetspot

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



41.6136, 43.9766, 43.3415



77.6593, 81.8228, 86.4955



40.1763, 40.6495, 44.2573



16.7964, 17.6955, 18.7361



86.6293, 91.1408, 99.2523



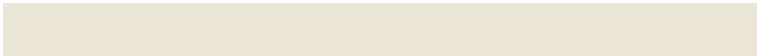
17.0014, 17.8868, 19.4787

Same Dimension

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



41.6136, 43.9766, 43.3415



74.7746, 79.0887, 76.1765



41.5212, 44.8173, 43.5087



9.0138, 9.5401, 9.0189



19.2439, 18.9865, 2.6505



0.6485, 0.6833, 0.0977

Inverse Universe

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



38.9496, 40.7454, 48.9923



68.9365, 72.0076, 88.5601



39.0361, 39.9592, 48.8360



8.2087, 8.5636, 10.7266



6.4495, 3.6995, 30.5111



0.2500, 0.2106, 0.9757

Previews

White Background



This preview shows how the XYZ color 41.6124, 43.9747, 43.3406 looks on a white background.

Color Contrast Check

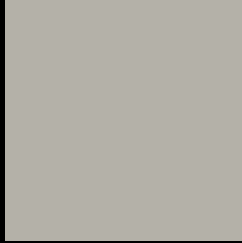
Large Text (above 18pt) WCAG AA × Fail

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 41.6124, 43.9747, 43.3406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

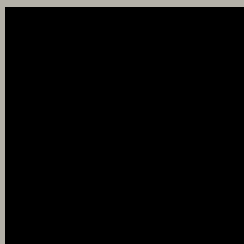
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

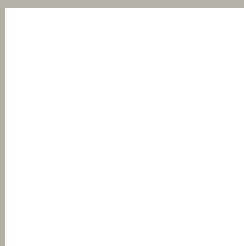
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.6124, 43.9747, 43.3406

Background



This preview shows how black text looks on a background with the XYZ color 41.6124, 43.9747, 43.3406.

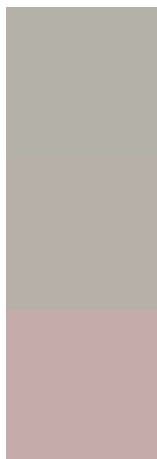


This preview shows how white text looks on a background with the XYZ color 41.6124, 43.9747,

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

41.6124, 43.9747, 43.3406

Protanopia

41.8846, 43.8229, 43.2969

Deuteranopia

44.7503, 43.8607, 43.6435



Tritanopia

43.7416, 43.9702, 53.7586

Trichromacy



Original Color

41.6124, 43.9747, 43.3406

Protanomaly

41.6493, 43.7016, 43.2859

Deuteranomaly

43.5909, 43.8281, 43.6983

Tritanomaly

42.9619, 43.9412, 49.9332

Monochromacy



Original Color

41.6124, 43.9747, 43.3406

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.7222, 43.9653, 46.3315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6124, 43.9747, 43.3406 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(180, 177, 168)` looks like.

```
.text, #text, p{  
    color:rgb(180, 177, 168)  
}
```

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(180, 177, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 177, 168) }
```

Border

The CSS property to change the border of an element to XYZ 41.6124, 43.9747, 43.3406 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(180, 177, 168) }
```


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

```
.border{ border-color:rgb(180, 177, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 177, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 177, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 177, 168);  
box-shadow:4px 4px 4px 4px rgb(180, 177,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6124, 43.9747, 43.3406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 177, 168) }
```

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

```
.background{ background-color: rgb(180,  
177, 168) }
```

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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