

Converting Colors

XYZ(41.8603, 43.1940, 46.9152)

Have a look what the booklet for
XYZ(41.8603, 43.1940, 46.9152)
contains.

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Color

**XYZ(41.6963, 43.0705,
46.6733)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B4AEAF |
| RGB | 180, 174, 175 |
| RGB Percent | 71%, 68%, 69% |
| CMY | 0.2941, 0.3176, 0.3137 |
| CMYK | 0.00, 0.03, 0.03, 0.29 |
| HSL | 350°, 4%, 69% |
| HSV | 350°, 3%, 71% |
| XYZ | 41.6963, 43.0705, 46.6733 |
| YIQ | 175.9080, 3.2550, 1.5830 |

Conversions

Conversions Part 2

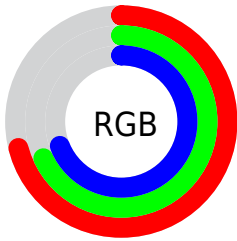
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 180, 174, 175 |
| Decimal | 11841199 |
| CIE Lab | 71.60, 2.32, 0.24 |
| CIE LCh | 72, 2.332, 5.906 |
| Yxy | 43.0705, 0.3172, 0.3277 |
| Android (android.graphics.Color) | 4290031279 (0xFFB4AEAF) |
| YUV | 175.9080, -0.4476, 3.5887 |
| Hunter-Lab | 65.6281, -1.4407, 3.7739 |

Details

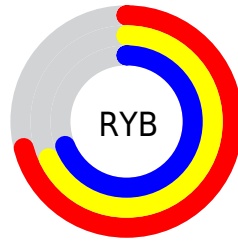
The XYZ color **41.6963, 43.0705, 46.6733** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.9151, 44.8970, 49.1068**, and the grayscale version is **41.2210, 43.3677, 47.2274**.

A 20% lighter version of the original color is **76.8943, 79.5847, 86.1715**, and **19.2871, 19.8612, 21.5559** is the 20% darker color. If you saturate the color by 10%, you get **37.0565, 36.0196, 38.2544**, and if you desaturate by 10%, it is **46.9684, 51.1227, 56.1122**.

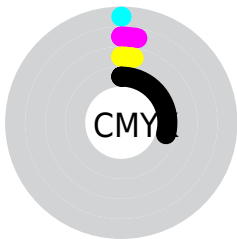
Distribution



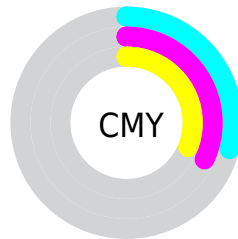
- Red (71%)
- Green (68%)
- Blue (69%)



- Red (71%)
- Yellow (68%)
- Blue (69%)



- Cyan (0%)
- Magenta (3%)
- Yellow (3%)
- Black (29%)



- Cyan (29%)
- Magenta (32%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.6963, 43.0705, 46.6733 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 41.6963, 43.0705, 46.6733 by changing the saturation by 10% instead.

■ 41.6963, 43.0705,
46.6733

■ 41.6963, 43.0705,
46.6733

344.2355,
358.9016, 389.8649

■ 29.0536, 29.9404,
32.4250

■ 77.0078, 79.8172,
86.5706

■ 19.2659, 19.7934,
21.4188

100.4074,
104.2027, 113.0567

■ 11.9677, 12.2449,
13.2363

128.1233,
133.1087, 144.4591

■ 6.7937, 6.9107,
7.4588

160.5209,
166.9198, 181.1964

■ 3.3786, 3.4063,
3.6679

197.9656,
206.0202, 223.6870

■ 1.3570, 1.3474,
1.4450

240.8227,

■ 0.2253, 0.1774,

250.7944, 272.3497

0.1764

289.4575,
301.6267, 327.6028

■ 0.0000, 0.0000,
0.0000

■ 41.6963, 43.0705,
46.6733

■ 41.6963, 43.0705,
46.6733

■ 37.0565, 36.0196,
38.2544

■ 46.9684, 51.1227,
56.1122

■ 33.0215, 29.9255,
30.8186

■ 52.8917, 60.2073,
66.6010

■ 29.5675, 24.7485,
24.3306

■ 59.4886, 70.3613,
78.1717

■ 26.6673, 20.4441,
18.7520

■ 66.7796, 81.6177,
90.8541

■ 24.2918, 16.9641,
14.0419

■ 71.8438, 88.1279,
103.6969

■ 22.4091, 14.2555,
10.1561

■ 72.6327, 88.4434,
107.8509

■ 20.9837, 12.2592,
7.0466

■ 19.9753, 10.9074,
4.6599

■ 19.3361, 10.1192,
2.9359

Harmonies

Analogous

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



41.6335, 43.0705, 47.7888



41.6963, 43.0705, 46.6733



41.5546, 43.0705, 45.6341

Triad

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



41.6963, 43.0705, 46.6733



40.4940, 43.0705, 45.1589



40.6284, 43.0705, 48.9075

Complementary

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



41.6963, 43.0705, 46.6733



41.9151, 44.8970, 49.1068

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.



40.3259, 43.0705, 48.1819



41.6963, 43.0705, 46.6733



40.2487, 43.0705, 46.0153

Square

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



41.6963, 43.0705, 46.6733



40.8592, 43.0705, 44.7688



40.1874, 43.0705, 47.1203



41.0153, 43.0705, 49.0905

Rectangle

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



41.6963, 43.0705, 46.6733



41.3639, 43.0705, 45.1205



40.1874, 43.0705, 47.1203



40.5135, 43.0705, 48.7184

Sweetspot

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



41.6975, 43.0724, 46.6742



77.7144, 81.3134, 88.4235



41.9660, 43.1530, 49.2981



16.8077, 17.5913, 19.1310



86.6293, 91.1408, 99.2523



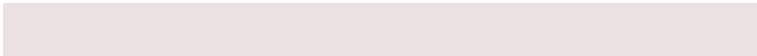
17.0014, 17.8868, 19.4787

Same Dimension

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



41.6975, 43.0724, 46.6742



74.9469, 77.0952, 83.4420



41.9890, 43.8115, 46.2900



9.0365, 9.2642, 10.0169



13.3171, 6.8444, 1.5640



0.4366, 0.2224, 0.1417

Inverse Universe

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



41.6975, 43.0724, 46.6742



74.9469, 77.0952, 83.4420



41.6157, 44.1361, 49.5064



9.0365, 9.2642, 10.0169



13.3171, 6.8444, 1.5640



0.4366, 0.2224, 0.1417

Previews

White Background



This preview shows how the XYZ color 41.6963, 43.0705, 46.6733 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 41.6963, 43.0705, 46.6733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

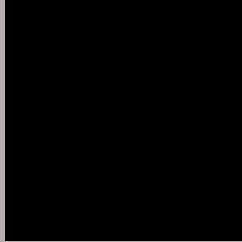
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

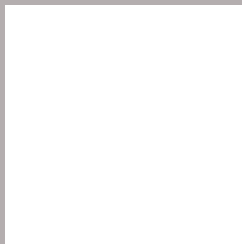
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.6963, 43.0705, 46.6733

Background



This preview shows how black text looks on a background with the XYZ color 41.6963, 43.0705, 46.6733.



This preview shows how white text looks on a background with the XYZ color 41.6963, 43.0705,

46.6733.

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

41.6963, 43.0705, 46.6733

Protanopia

41.4279, 43.2201, 46.7163

Deuteranopia

43.9494, 43.0905, 47.0752



Tritanopia

42.9069, 42.9953, 52.4919

Trichromacy



Original Color

41.6963, 43.0705, 46.6733

Protanomaly

41.6582, 43.3388, 46.7270

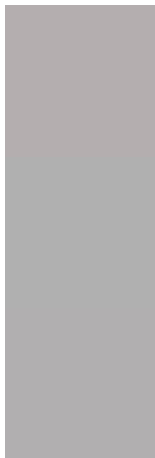
Deuteranomaly

43.1384, 42.9518, 47.0912

Tritanomaly

42.4431, 43.0883, 50.3358

Monochromacy



Original Color

41.6963, 43.0705, 46.6733

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.2979, 43.1416, 47.2248

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6963, 43.0705, 46.6733 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, 174, 175)` looks like.

```
.text, #text, p{  
    color:rgb(180, 174, 175)  
}
```

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, 174, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 174, 175) }
```

Border

The CSS property to change the border of an element to XYZ 41.6963, 43.0705, 46.6733 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, 174, 175) }
```


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

```
.border{ border-color:rgb(180, 174, 175) }
```

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

Here you see how a box with a 4 pixel rgb(180, 174, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 174, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 174, 175);  
box-shadow:4px 4px 4px 4px rgb(180, 174,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6963, 43.0705, 46.6733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 174, 175) }
```

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

```
.background{ background-color: rgb(180,  
174, 175) }
```

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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