

Converting Colors

XYZ(43.8402, 43.1972, 57.4313)

Have a look what the booklet for
XYZ(43.8402, 43.1972, 57.4313)
contains.

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Color

**XYZ(43.7046, 43.0110,
57.6282)**

Conversions

Conversions Part 1

Format	Color
Hex	B6ABC3
RGB	182, 171, 195
RGB Percent	71%, 67%, 76%
CMY	0.2863, 0.3294, 0.2353
CMYK	0.07, 0.12, 0.00, 0.24
HSL	267°, 17%, 72%
HSV	267°, 12%, 76%
XYZ	43.7046, 43.0110, 57.6282
YIQ	177.0250, -1.1480, 9.7960

Conversions

Conversions Part 2

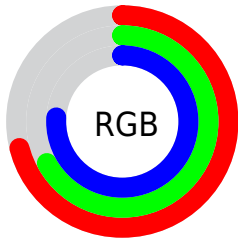
Format	Color
R_{YB}	182, 171, 195
Decimal	11971523
CIE Lab	71.56, 8.50, -10.81
CIE LCh	72, 13.749, 308.173
Yxy	43.0110, 0.3028, 0.2980
Android (android.graphics.Color)	4290161603 (0xFFB6ABC3)
YUV	177.0250, 8.8617, 4.3631
Hunter-Lab	65.5828, 4.1832, -6.1907

Details

The XYZ color **43.7046, 43.0110, 57.6282** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.6345, 52.1619, 46.1405**, and the grayscale version is **41.7595, 43.9342, 47.8444**.

A 20% lighter version of the original color is **80.0269, 79.5981, 103.2416**, and **20.4578, 19.7839, 27.9397** is the 20% darker color. If you saturate the color by 10%, you get **37.8885, 34.9432, 56.3782**, and if you desaturate by 10%, it is **50.2549, 52.2663, 59.0701**.

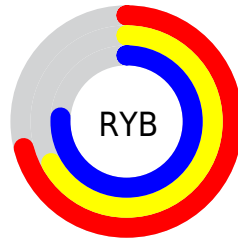
Distribution



Red (71%)

Green (67%)

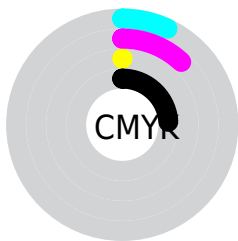
Blue (76%)



Red (71%)

Yellow (67%)

Blue (76%)

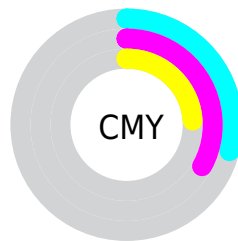


Cyan (7%)

Magenta (12%)

Yellow (0%)

Black (24%)



Cyan (29%)

Magenta (33%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.7046, 43.0110, 57.6282 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 43.7046, 43.0110, 57.6282 by changing the saturation by 10% instead.

■ 43.7046, 43.0110,
57.6282

■ 43.7046, 43.0110,
57.6282

352.3741,
358.6570, 433.3586

■ 30.6353, 29.8937,
41.0971

■ 80.0222, 79.7275,
102.8907

■ 20.4717, 19.7580,
28.0747

104.0011,
104.0955, 132.4591

■ 12.8487, 12.2192,
18.1424

132.3472,
132.9825, 167.2104

■ 7.4007, 6.8932,
10.8818

165.4260,
166.7729, 207.5631

■ 3.7625, 3.3954,
5.8742

203.6027,
205.8512, 253.9357

■ 1.5687, 1.3415,
2.7012

247.2427,

■ 0.3718, 0.1730,

250.6017, 306.7468

0.9440

296.7114,
301.4089, 366.4149

■ 0.0000, 0.0000,
0.0000

■ 43.7046, 43.0110,
57.6282

■ 43.7046, 43.0110,
57.6282

■ 37.8885, 34.9432,
56.3782

■ 50.2549, 52.2663,
59.0701

■ 32.7748, 28.0078,
55.3090

■ 57.5618, 62.7501,
60.7085

■ 28.3353, 22.1536,
54.4130

■ 65.6514, 74.5083,
62.5517

■ 24.5377, 17.3230,
53.6808

■ 74.5474, 87.5826,
64.6065

■ 21.3474, 13.4532,
53.1020

■ 79.8118, 93.0916,
65.3923

■ 18.7254, 10.4739,
52.6651

■ 83.4005, 94.9416,
65.5603

■ 16.6281, 8.3049,
52.3570

■ 86.8504, 96.7202,
65.7217

■ 15.0037, 6.8504,
52.1619

■ 14.0054, 6.0821,
52.0662

Harmonies

Analogous

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



41.5191, 43.0110, 60.6733



43.7046, 43.0110, 57.6282



45.1700, 43.0110, 51.7520

Triad

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



43.7046, 43.0110, 57.6282



42.5644, 43.0110, 35.9294



36.6158, 43.0110, 48.6744

Complementary

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



43.7046, 43.0110, 57.6282



46.6345, 52.1619, 46.1405

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.



36.8718, 43.0110, 42.2336



43.7046, 43.0110, 57.6282



40.2488, 43.0110, 35.2736

Square

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



43.7046, 43.0110, 57.6282



44.4946, 43.0110, 39.3603



38.1811, 43.0110, 37.4756



37.4679, 43.0110, 55.1933

Rectangle

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



43.7046, 43.0110, 57.6282



45.5108, 43.0110, 47.2407



38.1811, 43.0110, 37.4756



36.5757, 43.0110, 46.4250

Sweetspot

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



43.7059, 43.0128, 57.6291



87.8497, 90.5413, 105.3158



43.8285, 46.9637, 58.3853



19.0349, 19.5391, 23.0181



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



43.7059, 43.0128, 57.6291



75.0944, 72.5905, 102.5233



46.6113, 44.5106, 57.7651



9.9570, 9.9690, 12.6842



9.1973, 4.0018, 33.8443



0.4768, 0.2138, 1.4660

Inverse Universe

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



45.7218, 44.1905, 51.4693



79.5116, 75.1718, 88.9890



43.9245, 50.7649, 46.0137



10.2962, 10.1671, 11.6506



16.3489, 8.2293, 9.7495



0.7408, 0.3693, 0.6027

Previews

White Background



This preview shows how the XYZ color 43.7046, 43.0110, 57.6282 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 43.7046, 43.0110, 57.6282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

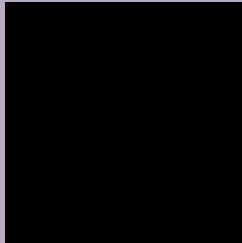
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.7046, 43.0110, 57.6282

Background



This preview shows how black text looks on a background with the XYZ color 43.7046, 43.0110, 57.6282.



This preview shows how white text looks on a background with the XYZ color 43.7046, 43.0110,

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

43.7046, 43.0110, 57.6282

Protanopia

42.2274, 43.0740, 58.9118

Deuteranopia

43.9417, 43.1332, 57.6393



Tritanopia

42.6715, 42.8740, 52.4808

Trichromacy



Original Color

43.7046, 43.0110, 57.6282

Protanomaly

42.8119, 43.1028, 58.2878

Deuteranomaly

43.9417, 43.1332, 57.6393

Tritanomaly

42.9939, 43.0029, 54.1785

Monochromacy



Original Color

43.7046, 43.0110, 57.6282

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.5721, 43.7043, 51.5394

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7046, 43.0110, 57.6282 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, 171, 195)` looks like.

```
.text, #text, p{  
    color:rgb(182, 171, 195)  
}
```

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, 171, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 171, 195) }
```

Border

The CSS property to change the border of an element to XYZ 43.7046, 43.0110, 57.6282 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, 171, 195) }
```


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

```
.border{ border-color:rgb(182, 171, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 171, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 171, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 171, 195);  
box-shadow:4px 4px 4px 4px rgb(182, 171,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7046, 43.0110, 57.6282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 171, 195) }
```

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

```
.background{ background-color: rgb(182,  
171, 195) }
```

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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