

Converting Colors

XYZ(43.7812, 42.9110, 63.9882)

Have a look what the booklet for
XYZ(43.7812, 42.9110, 63.9882)
contains.

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Color

**XYZ(43.7138, 42.8807,
63.7304)**

Conversions

Conversions Part 1

Format	Color
Hex	B1ABCD
RGB	177, 171, 205
RGB Percent	69%, 67%, 80%
CMY	0.3059, 0.3294, 0.1961
CMYK	0.14, 0.17, 0.00, 0.20
HSL	251°, 25%, 74%
HSV	251°, 17%, 80%
XYZ	43.7138, 42.8807, 63.7304
YIQ	176.6700, -7.3380, 11.8460

Conversions

Conversions Part 2

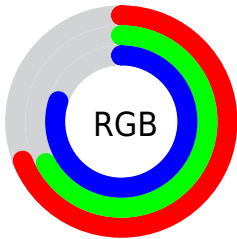
Format	Color
R _Y B	177, 171, 205
Decimal	11643853
CIE Lab	71.47, 8.91, -16.48
CIE LCh	71, 18.734, 298.386
Yxy	42.8807, 0.2908, 0.2853
Android (android.graphics.Color)	4289833933 (0xFFB1ABCD)
YUV	176.6700, 13.9667, 0.2894
Hunter-Lab	65.4834, 4.5629, -11.8645

Details

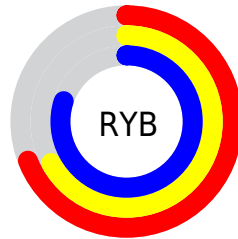
The XYZ color **43.7138, 42.8807, 63.7304** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **52.7366, 58.7461, 47.0897**, and the grayscale version is **41.5499, 43.7137, 47.6042**.

A 20% lighter version of the original color is **78.8506, 78.9364, 105.6881**, and **20.4949, 19.7131, 32.0030** is the 20% darker color. If you saturate the color by 10%, you get **36.5274, 33.8675, 62.3701**, and if you desaturate by 10%, it is **51.9792, 53.3438, 65.3150**.

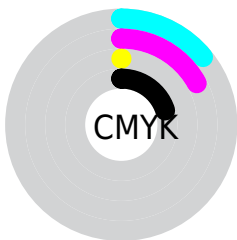
Distribution



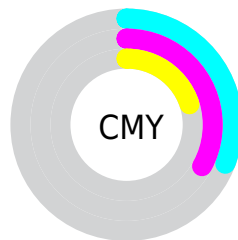
- Red (69%)
- Green (67%)
- Blue (80%)



- Red (69%)
- Yellow (67%)
- Blue (80%)



- Cyan (14%)
- Magenta (17%)
- Yellow (0%)
- Black (20%)



- Cyan (31%)
- Magenta (33%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.7138, 42.8807, 63.7304 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 43.7138, 42.8807, 63.7304 by changing the saturation by 10% instead.

■ 43.7138, 42.8807,
63.7304

■ 43.7138, 42.8807,
63.7304

352.4111,
358.1209, 456.3961

■ 30.6425, 29.7915,
45.9876

■ 80.0359, 79.5308,
111.8183

■ 20.4773, 19.6804,
31.8874

104.0175,
103.8605, 143.0005

■ 12.8527, 12.1629,
21.0114

132.3665,
132.7059, 179.4995

■ 7.4035, 6.8547,
12.9410

165.4483,
166.4512, 221.7338

■ 3.7643, 3.3714,
7.2577

203.6284,
205.4810, 270.1222

■ 1.5697, 1.3286,
3.5429

247.2719,

■ 0.3725, 0.1632,

250.1797, 325.0830

1.3781

296.7444,
300.9315, 387.0348

■ 0.0000, 0.0000,
0.1245

■ 0.0000, 0.0000,
0.0000

■ 43.7138, 42.8807,
63.7304

■ 43.7138, 42.8807,
63.7304

■ 36.5274, 33.8675,
62.3701

■ 51.9792, 53.3438,
65.3150

■ 30.3711, 26.2347,
61.2213

■ 61.3618, 65.3116,
67.1305

■ 25.1982, 19.9153,
60.2742

■ 71.9030, 78.8425,
69.1867

■ 20.9567, 14.8342,
59.5170

■ 83.6405, 93.9902,
71.4918

■ 17.5896, 10.9088,
58.9368

■ 88.0196, 97.1878,
71.8782

■ 15.0335, 8.0463,
58.5190

■ 13.2160, 6.1392,
58.2467

■ 12.0478, 5.0507,
58.0981

■ 11.7530, 4.7859,
58.0626

Harmonies

Analogous

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



40.5860, 42.8807, 66.3307



43.7138, 42.8807, 63.7304



46.1525, 42.8807, 56.4169

Triad

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



43.7138, 42.8807, 63.7304



44.0250, 42.8807, 33.3850



34.9807, 42.8807, 46.2015

Complementary

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



43.7138, 42.8807, 63.7304



52.7366, 58.7461, 47.0897

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.



35.7990, 42.8807, 38.1504



43.7138, 42.8807, 63.7304



40.9282, 42.8807, 31.3679

Square

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



43.7138, 42.8807, 63.7304



46.3386, 42.8807, 38.8970



37.9363, 42.8807, 32.9947



35.6423, 42.8807, 55.4595

Rectangle

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



43.7138, 42.8807, 63.7304



47.0020, 42.8807, 50.2808



37.9363, 42.8807, 32.9947



35.0909, 42.8807, 43.2740

Sweetspot

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



43.7151, 42.8825, 63.7314



87.3584, 90.1957, 107.4130



48.3156, 54.0673, 65.6478



18.4751, 19.0217, 22.9478



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.



43.7151, 42.8825, 63.7314



67.0827, 64.5515, 103.5318



47.7464, 44.9607, 63.9200



10.7832, 10.9376, 14.1132



7.3736, 3.0088, 36.1484



0.4384, 0.1851, 1.8676

Inverse Universe

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



50.0499, 46.2303, 60.3201



79.4678, 71.0997, 96.7259



48.5536, 56.5896, 46.8939



11.5993, 11.3685, 13.6905



20.1536, 9.8720, 24.3255



1.0626, 0.5184, 1.3753

Previews

White Background



This preview shows how the XYZ color 43.7138, 42.8807, 63.7304 looks on a white background.

Color Contrast Check

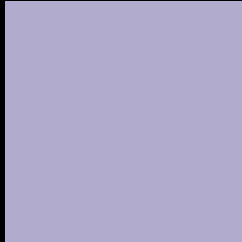
Large Text (above 18pt) WCAG AA × Fail

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 43.7138, 42.8807, 63.7304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

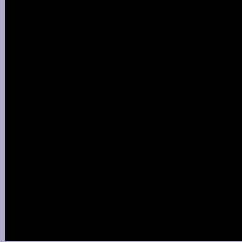
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.7138, 42.8807, 63.7304

Background



This preview shows how black text looks on a background with the XYZ color 43.7138, 42.8807, 63.7304.



This preview shows how white text looks on a background with the XYZ color 43.7138, 42.8807,

63.7304.

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

43.7138, 42.8807, 63.7304

Protanopia

42.5470, 43.1019, 65.1085

Deuteranopia

43.9425, 42.9986, 63.7411



Tritanopia

41.6687, 42.9016, 53.6616

Trichromacy



Original Color

43.7138, 42.8807, 63.7304

Protanomaly

42.8787, 43.0013, 64.4326

Deuteranomaly

43.9425, 42.9986, 63.7411

Tritanomaly

42.3604, 42.8961, 57.0861

Monochromacy



Original Color

43.7138, 42.8807, 63.7304

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.4311, 43.5949, 53.1920

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7138, 42.8807, 63.7304 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(177, 171, 205)` looks like.

```
.text, #text, p{  
    color:rgb(177, 171, 205)  
}
```

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(177, 171, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 171, 205) }
```

Border

The CSS property to change the border of an element to XYZ 43.7138, 42.8807, 63.7304 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(177, 171, 205) }
```


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

```
.border{ border-color:rgb(177, 171, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 171, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 171, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 171, 205);  
box-shadow:4px 4px 4px 4px rgb(177, 171,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7138, 42.8807, 63.7304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 171, 205) }
```

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

```
.background{ background-color: rgb(177,  
171, 205) }
```

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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