

Converting Colors

XYZ(43.1974, 41.8353, 56.2508)

Have a look what the booklet for
XYZ(43.1974, 41.8353, 56.2508)
contains.

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Color

**XYZ(43.1567, 41.9228,
56.2694)**

Conversions

Conversions Part 1

Format	Color
Hex	B7A8C1
RGB	183, 168, 193
RGB Percent	72%, 66%, 76%
CMY	0.2823, 0.3412, 0.2431
CMYK	0.05, 0.13, 0.00, 0.24
HSL	276°, 17%, 71%
HSV	276°, 13%, 76%
XYZ	43.1567, 41.9228, 56.2694
YIQ	175.3350, 0.9150, 10.9550

Conversions

Conversions Part 2

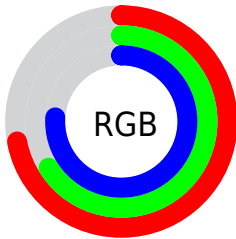
Format	Color
R_{YB}	183, 168, 193
Decimal	12036289
CIE _{Lab}	70.82, 10.09, -10.81
CIE _{LCh}	71, 14.787, 313.019
Yxy	41.9228, 0.3053, 0.2966
Android (android.graphics.Color)	4290226369 (0xFFB7A8C1)
YUV	175.3350, 8.7088, 6.7222
Hunter-Lab	64.7478, 5.6679, -6.2028

Details

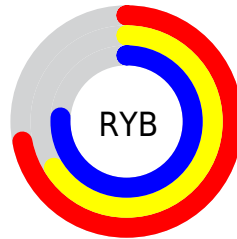
The XYZ color **43.1567, 41.9228, 56.2694** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.4995, 50.4332, 44.4371**, and the grayscale version is **40.8781, 43.0069, 46.8345**.

A 20% lighter version of the original color is **79.0832, 77.9656, 100.5033**, and **20.1115, 19.1007, 27.0529** is the 20% darker color. If you saturate the color by 10%, you get **38.0687, 34.3982, 55.0858**, and if you desaturate by 10%, it is **48.8768, 50.5606, 57.6358**.

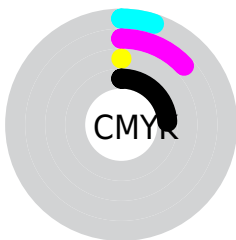
Distribution



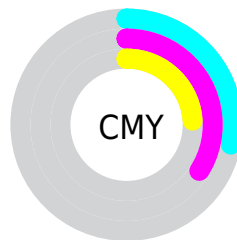
- Red (72%)
- Green (66%)
- Blue (76%)



- Red (72%)
- Yellow (66%)
- Blue (76%)



- Cyan (5%)
- Magenta (13%)
- Yellow (0%)
- Black (24%)



- Cyan (28%)
- Magenta (34%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.1567, 41.9228, 56.2694 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 43.1567, 41.9228, 56.2694 by changing the saturation by 10% instead.

■ 43.1567, 41.9228,
56.2694

■ 43.1567, 41.9228,
56.2694

350.1664,
354.1628, 428.1228

■ 30.2031, 29.0408,
40.0135

■ 79.2015, 78.0828,
100.8881

■ 20.1417, 19.1117,
27.2352

■ 103.0235,
102.1296, 130.0880

■ 12.6069, 11.7510,
17.5160

131.1989,
130.6668, 164.4396

■ 7.2336, 6.5744,
10.4372

164.0933,
164.0788, 204.3615

■ 3.6562, 3.1974,
5.5804

202.0718,
202.7500, 250.2722

■ 1.5095, 1.2356,
2.5270

245.5000,

■ 0.3323, 0.0905,

247.0648, 302.5903

0.8544

294.7430,
297.4076, 361.7343

■ 0.0000, 0.0000,
0.0000

■ 43.1567, 41.9228,
56.2694

■ 43.1567, 41.9228,
56.2694

■ 38.0687, 34.3982,
55.0858

■ 48.8768, 50.5606,
57.6358

■ 33.5842, 27.9341,
54.0745

■ 55.2485, 60.3506,
59.1897

■ 29.6779, 22.4816,
53.2279

■ 62.2953, 71.3364,
60.9387

■ 26.3211, 17.9858,
52.5371

■ 70.0380, 83.5578,
62.8896

■ 23.4823, 14.3863,
51.9919

■ 75.3892, 90.8377,
64.0127

■ 21.1264, 11.6156,
51.5813

■ 77.8031, 92.0820,
64.1257

■ 19.2135, 9.5963,
51.2923

■ 80.3265, 93.3829,
64.2438

■ 17.6956, 8.2358,
51.1097

■ 82.9610, 94.7410,
64.3671

■ 16.8007, 7.5491,
51.0244

■ 85.7078, 96.1571,
64.4956

Harmonies

Analogous

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



40.9200, 41.9228, 60.1367



43.1567, 41.9228, 56.2694



44.5370, 41.9228, 49.7130

Triad

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



43.1567, 41.9228, 56.2694



41.2420, 41.9228, 33.8923



35.4190, 41.9228, 48.7626

Complementary

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



43.1567, 41.9228, 56.2694



44.4995, 50.4332, 44.4371

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.



35.4972, 41.9228, 41.8086



43.1567, 41.9228, 56.2694



38.7917, 41.9228, 33.6941

Square

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



43.1567, 41.9228, 56.2694



43.4008, 41.9228, 37.0254



36.7098, 41.9228, 36.4530



36.4915, 41.9228, 55.5123

Rectangle

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



43.1567, 41.9228, 56.2694



44.7521, 41.9228, 44.9381



36.7098, 41.9228, 36.4530



35.3129, 41.9228, 46.3629

Sweetspot

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



43.1579, 41.9246, 56.2703



86.3429, 88.7345, 102.9370



41.7791, 44.1836, 56.7790



18.3500, 18.7729, 22.0417



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



43.1579, 41.9246, 56.2703



74.1659, 70.4239, 100.0445



45.3910, 43.1024, 55.1702



10.0948, 10.0400, 12.6907



11.2665, 5.0685, 33.9411



0.5629, 0.2582, 1.4701

Inverse Universe

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



44.0323, 42.5589, 48.0155



76.1297, 71.8434, 81.7423



42.4835, 49.3713, 45.3640



10.2364, 10.1432, 11.3354



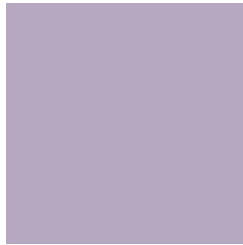
15.5605, 7.9140, 5.5977



0.7064, 0.3556, 0.4211

Previews

White Background



This preview shows how the XYZ color 43.1567, 41.9228, 56.2694 looks on a white background.

Color Contrast Check

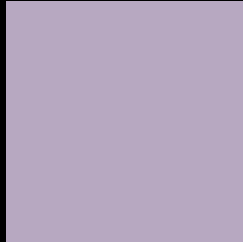
Large Text (above 18pt) WCAG AA × Fail

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 43.1567, 41.9228, 56.2694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

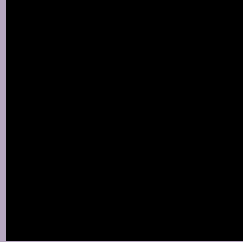
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.1567, 41.9228, 56.2694

Background



This preview shows how black text looks on a background with the XYZ color 43.1567, 41.9228, 56.2694.



This preview shows how white text looks on a background with the XYZ color 43.1567, 41.9228,

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

43.1567, 41.9228, 56.2694

Protanopia

41.2939, 42.0366, 58.1620

Deuteranopia

42.8697, 42.0499, 56.3091



Tritanopia

41.9780, 41.9921, 50.6926

Trichromacy



Original Color

43.1567, 41.9228, 56.2694

Protanomaly

42.0924, 42.1799, 57.5528

Deuteranomaly

43.1050, 42.1713, 56.3201

Tritanomaly

42.4490, 41.9089, 52.8656

Monochromacy



Original Color

43.1567, 41.9228, 56.2694

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.5561, 42.3474, 50.2396

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1567, 41.9228, 56.2694 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(183, 168, 193)` looks like.

```
.text, #text, p{  
    color:rgb(183, 168, 193)  
}
```

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(183, 168, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 168, 193) }
```

Border

The CSS property to change the border of an element to XYZ 43.1567, 41.9228, 56.2694 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(183, 168, 193) }
```


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

```
.border{ border-color:rgb(183, 168, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 168, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 168, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 168, 193);  
box-shadow:4px 4px 4px 4px rgb(183, 168,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1567, 41.9228, 56.2694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 168, 193) }
```

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

```
.background{ background-color: rgb(183,  
168, 193) }
```

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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