

Converting Colors

XYZ(47.6167, 43.0843, 83.1880)

Have a look what the booklet for
XYZ(47.6167, 43.0843, 83.1880)
contains.

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Color

**XYZ(47.6356, 43.1007,
82.8994)**

Conversions

Conversions Part 1

Format	Color
Hex	B6A6E9
RGB	182, 166, 233
RGB Percent	71%, 65%, 91%
CMY	0.2863, 0.3490, 0.0863
CMYK	0.22, 0.29, 0.00, 0.09
HSL	254°, 60%, 78%
HSV	254°, 29%, 91%
XYZ	47.6356, 43.1007, 82.8994
YIQ	178.4220, -11.9710, 24.2290

Conversions

Conversions Part 2

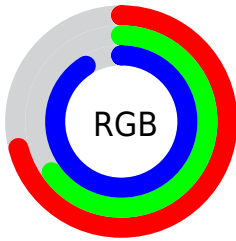
Format	Color
R_{YB}	182, 166, 233
Decimal	11970281
CIE _{Lab}	71.62, 19.48, -31.55
CIE _{LCh}	72, 37.077, 301.686
Yxy	43.1007, 0.2743, 0.2482
Android (android.graphics.Color)	4290160361 (0xFFB6A6E9)
YUV	178.4220, 26.9070, 3.1379
Hunter-Lab	65.6511, 14.6278, -28.9113

Details

The XYZ color **47.6356, 43.1007, 82.8994** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **64.6383, 75.7837, 47.2991**, and the grayscale version is **42.4080, 44.6165, 48.5874**.

A 20% lighter version of the original color is **79.5031, 77.2836, 105.3347**, and **22.8552, 19.7981, 44.2118** is the 20% darker color. If you saturate the color by 10%, you get **39.8511, 33.3602, 81.4303**, and if you desaturate by 10%, it is **56.7208, 54.6527, 84.6510**.

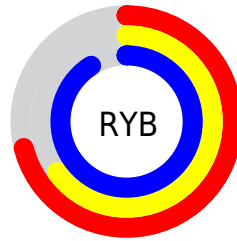
Distribution



Red (71%)

Green (65%)

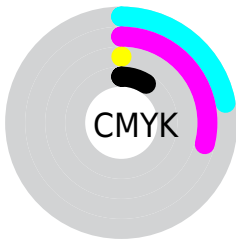
Blue (91%)



Red (71%)

Yellow (65%)

Blue (91%)

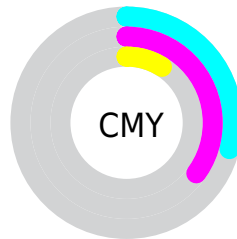


Cyan (22%)

Magenta (29%)

Yellow (0%)

Black (9%)



Cyan (29%)


Magenta (35%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.6356, 43.1007, 82.8994 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 47.6356, 43.1007, 82.8994 by changing the saturation by 10% instead.


 47.6356, 43.1007,
82.8994


 47.6356, 43.1007,
82.8994


367.9526,
359.0257, 524.6134

 33.7485, 29.9641,
61.5670


 85.8746, 79.8628,
139.2825

 22.8624, 19.8114,
44.2494


 110.9571,
104.2571, 175.1704

 14.6121, 12.2580,
30.5280


140.5022,
133.1728, 216.7471

 8.6321, 6.9196,
19.9843

174.8751,
166.9943, 264.4313

 4.5572, 3.4119,
12.1996

214.4413,
206.1059, 318.6415

 2.0219, 1.3504,
6.7556

259.5660,

 0.6462, 0.1797,

250.8921, 379.7962

3.2336

310.6146,
301.7372, 448.3140

■ 0.0000, 0.0000,
1.2151

■ 0.0000, 0.0000,
0.0000

■ 47.6356, 43.1007,
82.8994

■ 47.6356, 43.1007,
82.8994

■ 39.8511, 33.3602,
81.4303

■ 56.7208, 54.6527,
84.6510

■ 33.3017, 25.3329,
80.2261

■ 67.1594, 68.0973,
86.6959

■ 27.9225, 18.9189,
79.2716

■ 79.0065, 83.5169,
89.0478

■ 23.6407, 14.0058,
78.5489

■ 90.9568, 98.2759,
91.2667

■ 20.3745, 10.4662,
78.0378

■ 91.7081, 98.6632,
91.3019

■ 18.0298, 8.1507,
77.7145

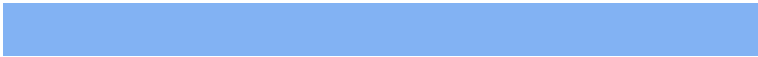
■ 16.4759, 6.8413,
77.5437

■ 16.3190, 6.7137,
77.5273

Harmonies

Analogous

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



41.3220, 43.1007, 90.6327



47.6356, 43.1007, 82.8994



52.5318, 43.1007, 65.2994

Triad

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



47.6356, 43.1007, 82.8994



46.9588, 43.1007, 22.6094



30.0510, 43.1007, 47.9535

Complementary

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



47.6356, 43.1007, 82.8994



64.6383, 75.7837, 47.2991

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.



31.2360, 43.1007, 32.3746



47.6356, 43.1007, 82.8994



40.6119, 43.1007, 20.1714

Square

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



47.6356, 43.1007, 82.8994



52.1138, 43.1007, 31.0190



34.9498, 43.1007, 23.2400



31.5332, 43.1007, 67.5191

Rectangle

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



47.6356, 43.1007, 82.8994



54.1012, 43.1007, 52.1048



34.9498, 43.1007, 23.2400



30.1500, 43.1007, 42.1085

Sweetspot

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



47.6370, 43.1024, 82.9004



82.0231, 83.0574, 106.3163



55.3427, 63.8064, 86.4905



17.1342, 17.2316, 22.6729



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.



47.6370, 43.1024, 82.9004



52.1497, 44.9744, 100.5401



56.4090, 47.6246, 83.3109



14.5680, 14.7225, 18.9962



9.3518, 3.8569, 43.9945



0.8182, 0.3461, 3.4586

Inverse Universe

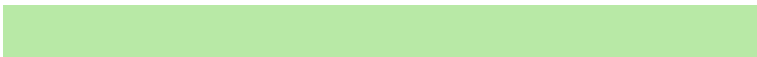
The Inverse Universe completely reimagines the original color for something new.



59.7661, 49.6074, 72.0722



69.6372, 54.3642, 84.4295



55.7584, 71.2059, 46.8835



15.5521, 15.2487, 18.1925



23.6419, 11.6594, 24.9791



1.8934, 0.9303, 2.1559

Previews

White Background



This preview shows how the XYZ color 47.6356, 43.1007, 82.8994 looks on a white background.

Color Contrast Check

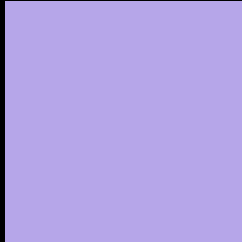
Large Text (above 18pt) WCAG AA × Fail

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 47.6356, 43.1007, 82.8994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

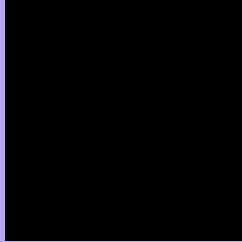
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.6356, 43.1007, 82.8994

Background



This preview shows how black text looks on a background with the XYZ color 47.6356, 43.1007, 82.8994.



This preview shows how white text looks on a background with the XYZ color 47.6356, 43.1007,

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

47.6356, 43.1007, 82.8994

Protanopia

44.2808, 43.2283, 86.8990

Deuteranopia

44.4093, 43.3947, 82.3793



Tritanopia

41.8626, 43.2895, 53.7263

Trichromacy



Original Color

47.6356, 43.1007, 82.8994

Protanomaly

45.2409, 42.9126, 85.2554

Deuteranomaly

45.3024, 43.0107, 82.2581

Tritanomaly

43.7831, 43.2118, 63.1598

Monochromacy



Original Color

47.6356, 43.1007, 82.8994

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

43.9195, 43.9330, 59.5912

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6356, 43.1007, 82.8994 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, 166, 233)` looks like.

```
.text, #text, p{  
    color:rgb(182, 166, 233)  
}
```

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, 166, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 166, 233) }
```

Border

The CSS property to change the border of an element to XYZ 47.6356, 43.1007, 82.8994 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, 166, 233) }
```


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

```
.border{ border-color:rgb(182, 166, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 166, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 166, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 166, 233);  
box-shadow:4px 4px 4px 4px rgb(182, 166,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6356, 43.1007, 82.8994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 166, 233) }
```

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

```
.background{ background-color: rgb(182,  
166, 233) }
```

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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