

Converting Colors

XYZ(47.4261, 45.9364, 70.3218)

Have a look what the booklet for
XYZ(47.4261, 45.9364, 70.3218)
contains.

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Color

**XYZ(47.3629, 45.7566,
70.6256)**

Conversions

Conversions Part 1

Format	Color
Hex	B8AFD7
RGB	184, 175, 215
RGB Percent	72%, 69%, 84%
CMY	0.2784, 0.3137, 0.1569
CMYK	0.14, 0.19, 0.00, 0.16
HSL	253°, 33%, 76%
HSV	253°, 19%, 84%
XYZ	47.3629, 45.7566, 70.6256
YIQ	182.2510, -7.4760, 14.3480

Conversions

Conversions Part 2

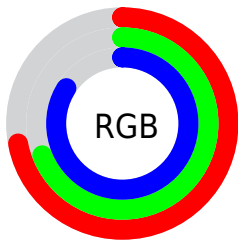
Format	Color
RYB	184, 175, 215
Decimal	12103639
CIELab	73.39, 11.11, -19.01
CIElCh	73, 22.020, 300.308
Yxy	45.7566, 0.2892, 0.2794
Android (android.graphics.Color)	4290293719 (0xFFB8AFD7)
YUV	182.2510, 16.1453, 1.5339
Hunter-Lab	67.6436, 6.6063, -14.5532

Details

The XYZ color **47.3629, 45.7566, 70.6256** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **57.4934, 64.8190, 50.0406**, and the grayscale version is **44.5190, 46.8375, 51.0060**.

A 20% lighter version of the original color is **82.5611, 82.8971, 106.2570**, and **22.7882, 21.5293, 36.2122** is the 20% darker color. If you saturate the color by 10%, you get **39.7478, 36.1066, 69.1650**, and if you desaturate by 10%, it is **56.1173, 56.9852, 72.3323**.

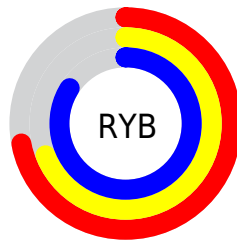
Distribution



Red (72%)

Green (69%)

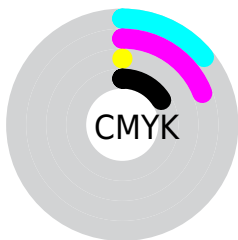
Blue (84%)



Red (72%)

Yellow (69%)

Blue (84%)

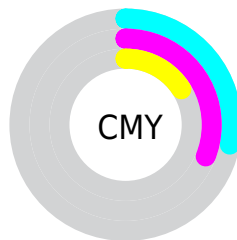


Cyan (14%)

Magenta (19%)

Yellow (0%)

Black (16%)



Cyan (28%)

Magenta (31%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.3629, 45.7566, 70.6256 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 47.3629, 45.7566, 70.6256 by changing the saturation by 10% instead.

■ 47.3629, 45.7566,
70.6256

■ 47.3629, 45.7566,
70.6256

366.8860,
369.8292, 481.5919

■ 33.5318, 32.0538,
51.5568

■ 85.4705, 83.8546,
121.7899

■ 22.6953, 21.4026,
36.2721

110.4777,
109.0186, 154.7225

■ 14.4881, 13.4186,
24.3531

139.9410,
138.7718, 193.1134

■ 8.5449, 7.7174,
15.3811

174.2257,
173.4985, 237.3812

■ 4.5003, 3.9147,
8.9377

213.6972,
213.5833, 287.9444

■ 1.9889, 1.6259,
4.6043

258.7209,

■ 0.6277, 0.3750,

259.4104, 345.2216

1.9624

309.6620,
311.3642, 409.6312

■ 0.0000, 0.0000,
0.5320

■ 0.0000, 0.0000,
0.0000

■ 47.3629, 45.7566,
70.6256

■ 47.3629, 45.7566,
70.6256

■ 39.7478, 36.1066,
69.1650

■ 56.1173, 56.9852,
72.3323

■ 33.2200, 27.9582,
67.9363

■ 66.0515, 69.8535,
74.2925

■ 27.7298, 21.2366,
66.9283

■ 77.2093, 84.4262,
76.5172

■ 23.2217, 15.8578,
66.1277

■ 87.6855, 96.8716,
78.3673

■ 19.6348, 11.7294,
65.5198

■ 89.2659, 97.6864,
78.4413

■ 16.9012, 8.7465,
65.0882

■ 14.9424, 6.7866,
64.8131

■ 13.6484, 5.6675,
64.6653

■ 13.5022, 5.5437,
64.6491

Harmonies

Analogous

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



43.5304, 45.7566, 74.3729



47.3629, 45.7566, 70.6256



50.2949, 45.7566, 61.1656

Triad

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



47.3629, 45.7566, 70.6256



47.2894, 45.7566, 33.4769



36.4517, 45.7566, 49.9361

Complementary

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



47.3629, 45.7566, 70.6256



57.4934, 64.8190, 50.0406

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.



37.3289, 45.7566, 39.9740



47.3629, 45.7566, 70.6256



43.4502, 45.7566, 31.3718

Square

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



47.3629, 45.7566, 70.6256



50.2507, 45.7566, 39.8025



39.8347, 45.7566, 33.5652



37.3651, 45.7566, 61.3940

Rectangle

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



47.3629, 45.7566, 70.6256



51.2624, 45.7566, 53.5035



39.8347, 45.7566, 33.5652



36.5463, 45.7566, 46.3118

Sweetspot

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



47.3643, 45.7585, 70.6266



86.1330, 88.4436, 107.1394



52.0981, 58.3249, 72.8027



18.2366, 18.6730, 22.8930



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.



47.3643, 45.7585, 70.6266



65.4638, 61.9468, 103.1143



52.4077, 48.3585, 70.8626



12.0014, 12.1421, 15.6486



8.1519, 3.3550, 38.6711



0.5646, 0.2399, 2.3359

Inverse Universe

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



54.4964, 49.5652, 65.0892



77.7245, 68.4945, 93.4277



52.3706, 62.1781, 49.8009



12.8279, 12.5827, 15.0340



20.9552, 10.3184, 22.8659



1.2940, 0.6344, 1.5374

Previews

White Background



This preview shows how the XYZ color 47.3629, 45.7566, 70.6256 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 47.3629, 45.7566, 70.6256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

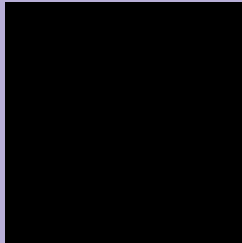
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.3629, 45.7566, 70.6256

Background



This preview shows how black text looks on a background with the XYZ color 47.3629, 45.7566, 70.6256.



This preview shows how white text looks on a background with the XYZ color 47.3629, 45.7566,

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

47.3629, 45.7566, 70.6256

Protanopia

45.6577, 46.0206, 72.1221

Deuteranopia

46.8471, 45.7807, 70.6574



Tritanopia

44.5681, 45.7938, 56.9422

Trichromacy



Original Color

47.3629, 45.7566, 70.6256

Protanomaly

46.2196, 46.0288, 71.4142

Deuteranomaly

47.0825, 45.9020, 70.6684

Tritanomaly

45.5191, 45.8816, 61.7153

Monochromacy



Original Color

47.3629, 45.7566, 70.6256

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

45.3861, 46.2025, 57.5648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3629, 45.7566, 70.6256 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(184, 175, 215)` looks like.

```
.text, #text, p{  
    color:rgb(184, 175, 215)  
}
```

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(184, 175, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 175, 215) }
```

Border

The CSS property to change the border of an element to XYZ 47.3629, 45.7566, 70.6256 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(184, 175, 215) }
```


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

```
.border{ border-color:rgb(184, 175, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 175, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 175, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 175, 215);  
box-shadow:4px 4px 4px 4px rgb(184, 175,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3629, 45.7566, 70.6256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 175, 215) }
```

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

```
.background{ background-color: rgb(184,  
175, 215) }
```

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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