

Converting Colors

XYZ(42.9604, 42.4122, 54.6373)

Have a look what the booklet for
XYZ(42.9604, 42.4122, 54.6373)
contains.

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Color

**XYZ(42.9604, 42.4122,
54.6373)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B6AABE |
| RGB | 182, 170, 190 |
| RGB Percent | 71%, 67%, 75% |
| CMY | 0.2863, 0.3333, 0.2549 |
| CMYK | 0.04, 0.11, 0.00, 0.25 |
| HSL | 276°, 13%, 71% |
| HSV | 276°, 11%, 75% |
| XYZ | 42.9604, 42.4122, 54.6373 |
| YIQ | 175.8680, 0.7320, 8.7640 |

Conversions

Conversions Part 2

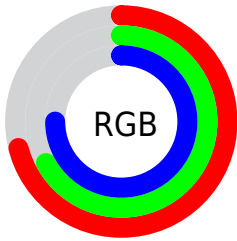
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 182, 170, 190 |
| Decimal | 11971262 |
| CIE _{Lab} | 71.15, 8.05, -8.66 |
| CIE _{LCh} | 71, 11.830, 312.911 |
| Yxy | 42.4122, 0.3068, 0.3029 |
| Android (android.graphics.Color) | 4290161342 (0xFFB6AABE) |
| YUV | 175.8680, 6.9671, 5.3778 |
| Hunter-Lab | 65.1246, 3.7819, -4.1550 |

Details

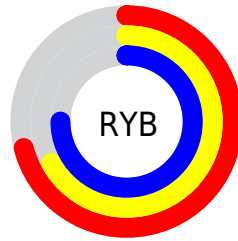
The XYZ color **42.9604, 42.4122, 54.6373** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.0307, 49.1952, 45.2072**, and the grayscale version is **41.1637, 43.3074, 47.1618**.

A 20% lighter version of the original color is **78.8197, 78.6814, 98.2216**, and **20.0471, 19.4301, 26.3607** is the 20% darker color. If you saturate the color by 10%, you get **37.9066, 34.8970, 53.4537**, and if you desaturate by 10%, it is **48.6289, 51.0108, 55.9989**.

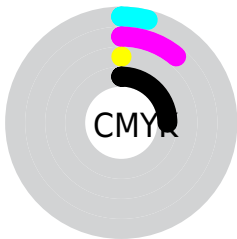
Distribution



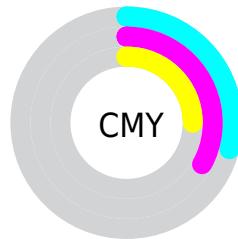
- Red (71%)
- Green (67%)
- Blue (75%)



- Red (71%)
- Yellow (67%)
- Blue (75%)



- Cyan (4%)
- Magenta (11%)
- Yellow (0%)
- Black (25%)





- Cyan (29%)
- Magenta (33%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.9604, 42.4122, 54.6373 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 42.9604, 42.4122, 54.6373 by changing the saturation by 10% instead.


 42.9604, 42.4122,
54.6373

 42.9604, 42.4122,
54.6373


349.3732,
356.1888, 421.7787

 30.0484, 29.4242,
38.7148


 78.9072, 78.8231,
98.4752

 20.0236, 19.4019,
26.2318


102.6727,
103.0148, 127.2276

 12.5206, 11.9611,
16.7698


130.7868,
131.7098, 161.0937

 7.1740, 6.7172,
9.9103

163.6148,
165.2925, 200.4920

 3.6184, 3.2859,
5.2347

201.5221,
204.1474, 245.8412

 1.4886, 1.2827,
2.3245

244.8740,

 0.3181, 0.1278,

248.6588, 297.5596

0.7449

294.0359,
299.2112, 356.0660

■ 0.0000, 0.0000,
0.0000

■ 42.9604, 42.4122,
54.6373

■ 42.9604, 42.4122,
54.6373

■ 37.9066, 34.8970,
53.4537

■ 48.6289, 51.0108,
55.9989

■ 33.4403, 28.4151,
52.4380

■ 54.9305, 60.7293,
57.5426

■ 29.5376, 22.9202,
51.5831

■ 61.8874, 71.6096,
59.2760

■ 26.1713, 18.3605,
50.8804

■ 69.5197, 83.6893,
61.2054

■ 23.3119, 14.6795,
50.3206

■ 74.5712, 90.4542,
62.2449

■ 20.9267, 11.8140,
49.8932

■ 76.9244, 91.6674,
62.3550

■ 18.9784, 9.6923,
49.5864

■ 79.3836, 92.9351,
62.4701

■ 17.4234, 8.2296,
49.3860

■ 81.9501, 94.2582,
62.5902

■ 16.2330, 7.2947,
49.2683

■ 84.6251, 95.6372,
62.7154

Harmonies

Analogous

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



41.1684, 42.4122, 57.6472



42.9604, 42.4122, 54.6373



44.0623, 42.4122, 49.4594

Triad

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



42.9604, 42.4122, 54.6373



41.4410, 42.4122, 36.5194



36.7123, 42.4122, 48.6597

Complementary

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



42.9604, 42.4122, 54.6373



44.0307, 49.1952, 45.2072

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.



36.7799, 42.4122, 43.0482



42.9604, 42.4122, 54.6373



39.4666, 42.4122, 36.3437

Square

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



42.9604, 42.4122, 54.6373



43.1656, 42.4122, 39.1448



37.7738, 42.4122, 38.6432



37.5861, 42.4122, 54.0107

Rectangle

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



42.9604, 42.4122, 54.6373



44.2357, 42.4122, 45.6281



37.7738, 42.4122, 38.6432



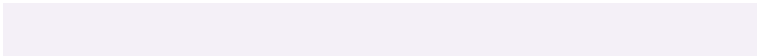
36.6265, 42.4122, 46.7357

Sweetspot

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



42.9617, 42.4140, 54.6382



85.4227, 88.3171, 100.8238



41.8602, 44.2390, 55.0485



18.5705, 19.1081, 22.0948



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.



42.9617, 42.4140, 54.6382



75.2843, 73.0119, 98.4039



44.7242, 43.3436, 53.7753



9.5506, 9.5007, 12.0027



10.8844, 4.8972, 32.7645



0.4983, 0.2289, 1.2868

Inverse Universe

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



43.6472, 42.9128, 48.1039



76.8430, 74.1425, 83.7018



42.4069, 48.3398, 45.9594



9.6840, 9.5979, 10.7251



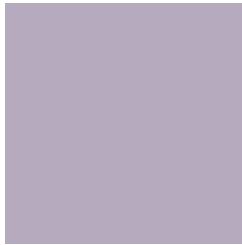
15.0243, 7.6409, 5.4217



0.6209, 0.3123, 0.3832

Previews

White Background



This preview shows how the XYZ color 42.9604, 42.4122, 54.6373 looks on a white background.

Color Contrast Check

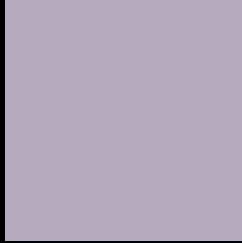
Large Text (above 18pt) WCAG AA × Fail

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 42.9604, 42.4122, 54.6373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

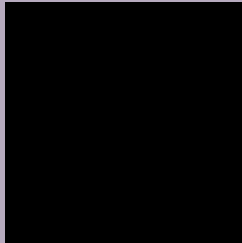
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.9604, 42.4122, 54.6373

Background



This preview shows how black text looks on a background with the XYZ color 42.9604, 42.4122, 54.6373.



This preview shows how white text looks on a background with the XYZ color 42.9604, 42.4122,

54.6373.

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

42.9604, 42.4122, 54.6373

Protanopia

41.4713, 42.4636, 55.8797

Deuteranopia

43.2494, 42.2840, 54.5973



Tritanopia

42.2707, 42.4103, 51.3055

Trichromacy



Original Color

42.9604, 42.4122, 54.6373

Protanomaly

42.0610, 42.4967, 55.2761

Deuteranomaly

43.0107, 42.1609, 54.5862

Tritanomaly

42.4819, 42.4947, 52.4176

Monochromacy



Original Color

42.9604, 42.4122, 54.6373

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.8366, 43.0733, 49.8250

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9604, 42.4122, 54.6373 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, 170, 190)` looks like.

```
.text, #text, p{  
    color:rgb(182, 170, 190)  
}
```

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, 170, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 170, 190) }
```

Border

The CSS property to change the border of an element to XYZ 42.9604, 42.4122, 54.6373 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, 170, 190) }
```


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

```
.border{ border-color:rgb(182, 170, 190) }
```

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

Here you see how a box with a 4 pixel rgb(182, 170, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 170, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 170, 190);  
box-shadow:4px 4px 4px 4px rgb(182, 170,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9604, 42.4122, 54.6373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 170, 190) }
```

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

```
.background{ background-color: rgb(182,  
170, 190) }
```

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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