

Converting Colors

XYZ(41.8669, 42.0568, 52.5965)

Have a look what the booklet for
XYZ(41.8669, 42.0568, 52.5965)
contains.

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Color

**XYZ(42.0162, 42.2547,
52.3959)**

Conversions

Conversions Part 1

Format	Color
Hex	B3ABBA
RGB	179, 171, 186
RGB Percent	70%, 67%, 73%
CMY	0.2980, 0.3294, 0.2706
CMYK	0.04, 0.08, 0.00, 0.27
HSL	272°, 10%, 70%
HSV	272°, 8%, 73%
XYZ	42.0162, 42.2547, 52.3959
YIQ	175.1020, -0.0470, 6.3610

Conversions

Conversions Part 2

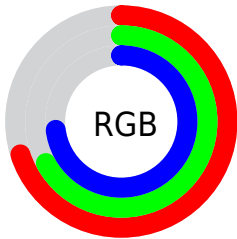
Format	Color
R _Y B	179, 171, 186
Decimal	11774906
CIE Lab	71.05, 5.69, -6.65
CIE LCh	71, 8.748, 310.555
Yxy	42.2547, 0.3074, 0.3092
Android (android.graphics.Color)	4289964986 (0xFFB3ABBA)
YUV	175.1020, 5.3727, 3.4185
Hunter-Lab	65.0036, 1.6202, -2.2879

Details

The XYZ color **42.0162, 42.2547, 52.3959** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.2714, 47.5243, 45.4227**, and the grayscale version is **40.7745, 42.8979, 46.7158**.

A 20% lighter version of the original color is **77.4843, 78.4657, 95.0659**, and **19.4346, 19.3227, 24.8956** is the 20% darker color. If you saturate the color by 10%, you get **36.8036, 34.7148, 51.2159**, and if you desaturate by 10%, it is **47.8520, 50.8522, 53.7484**.

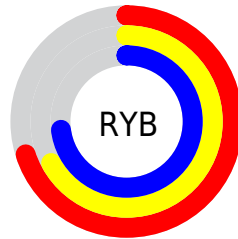
Distribution



Red (70%)

Green (67%)

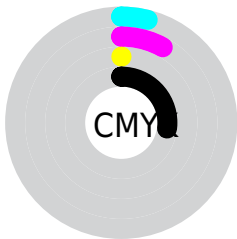
Blue (73%)



Red (70%)

Yellow (67%)

Blue (73%)

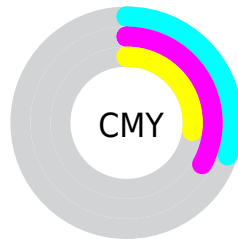


Cyan (4%)

Magenta (8%)

Yellow (0%)

Black (27%)



Cyan (30%)

Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.0162, 42.2547, 52.3959 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 42.0162, 42.2547, 52.3959 by changing the saturation by 10% instead.

■ 42.0162, 42.2547,
52.3959

■ 42.0162, 42.2547,
52.3959

345.5406,
355.5377, 412.9635

■ 29.3051, 29.3008,
36.9363

■ 77.4892, 78.5850,
95.1474

■ 19.4572, 19.3085,
24.8628

100.9818,
102.7301, 123.2763

■ 12.1071, 11.8934,
15.7568

128.7989,
131.3744, 156.4655

■ 6.8894, 6.6711,
9.1997

161.3060,
164.9023, 195.1334

■ 3.4387, 3.2573,
4.7731

198.8683,
203.6982, 239.6987

■ 1.3898, 1.2675,
2.0583

241.8513,

■ 0.2489, 0.1158,

248.1465, 290.5797

0.5908

290.6203,
298.6315, 348.1951

■ 0.0000, 0.0000,
0.0000

■ 42.0162, 42.2547,
52.3959

■ 42.0162, 42.2547,
52.3959

■ 36.8036, 34.7148,
51.2159

■ 47.8520, 50.8522,
53.7484

■ 32.1877, 28.1847,
50.1988

■ 54.3289, 60.5416,
55.2773

■ 28.1454, 22.6212,
49.3380

■ 61.4686, 71.3625,
56.9897

■ 24.6506, 17.9755,
48.6254

■ 69.2907, 83.3507,
58.8913

■ 21.6747, 14.1946,
48.0525

■ 74.8734, 90.6598,
60.0079

■ 19.1867, 11.2198,
47.6095

■ 77.6082, 92.0697,
60.1359

■ 17.1513, 8.9850,
47.2854

■ 80.4820, 93.5512,
60.2704

■ 15.5278, 7.4127,
47.0675

■ 83.4968, 95.1054,
60.4115

■ 14.2536, 6.3822,
46.9357

■ 85.8631, 96.3252,
60.5222

Harmonies

Analogous

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



40.6786, 42.2547, 54.3796



42.0162, 42.2547, 52.3959



42.8696, 42.2547, 48.7389

Triad

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



42.0162, 42.2547, 52.3959



41.1043, 42.2547, 38.8308



37.4629, 42.2547, 47.4977

Complementary

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



42.0162, 42.2547, 52.3959



43.2714, 47.5243, 45.4227

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.



37.5706, 42.2547, 43.3814



42.0162, 42.2547, 52.3959



39.6494, 42.2547, 38.5432

Square

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



42.0162, 42.2547, 52.3959



42.3343, 42.2547, 40.9728



38.3628, 42.2547, 40.1619



38.0649, 42.2547, 51.4400

Rectangle

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



42.0162, 42.2547, 52.3959



43.0370, 42.2547, 45.9303



38.3628, 42.2547, 40.1619



37.4176, 42.2547, 46.0861

Sweetspot

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



42.0174, 42.2565, 52.3968



82.3975, 85.7523, 96.4104



41.6293, 44.1451, 52.7818



18.1697, 18.9200, 21.2369



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



42.0174, 42.2565, 52.3968



74.0789, 73.5610, 94.4957



43.6502, 43.1013, 52.3346



8.9660, 8.9489, 11.3342



9.5250, 4.2215, 31.5659



0.4065, 0.1853, 1.1161

Inverse Universe

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



42.8501, 42.7812, 48.1210



75.9711, 74.7530, 84.7971



41.7296, 46.7267, 45.4750



9.1744, 9.0801, 10.2656



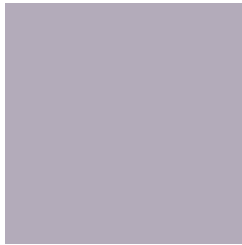
14.8130, 7.4989, 6.9019



0.5535, 0.2769, 0.4082

Previews

White Background



This preview shows how the XYZ color 42.0162, 42.2547, 52.3959 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 42.0162, 42.2547, 52.3959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

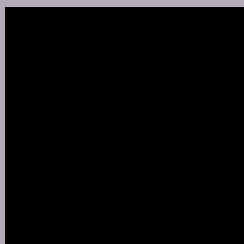
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.0162, 42.2547, 52.3959

Background



This preview shows how black text looks on a background with the XYZ color 42.0162, 42.2547, 52.3959.



This preview shows how white text looks on a background with the XYZ color 42.0162, 42.2547,

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

42.0162, 42.2547, 52.3959

Protanopia

41.1468, 42.3592, 53.0212

Deuteranopia

43.0585, 42.2354, 52.3372



Tritanopia

41.9103, 42.2123, 51.8378

Trichromacy



Original Color

42.0162, 42.2547, 52.3959

Protanomaly

41.4014, 42.2069, 52.9784

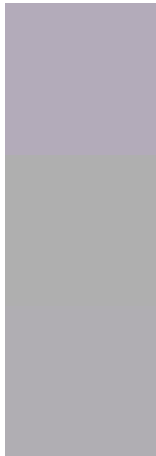
Deuteranomaly

42.7661, 42.3619, 52.3770

Tritanomaly

41.9103, 42.2123, 51.8378

Monochromacy



Original Color

42.0162, 42.2547, 52.3959

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.1772, 42.7569, 48.7305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0162, 42.2547, 52.3959 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(179, 171, 186)` looks like.

```
.text, #text, p{  
    color:rgb(179, 171, 186)  
}
```

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(179, 171, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 171, 186) }
```

Border

The CSS property to change the border of an element to XYZ 42.0162, 42.2547, 52.3959 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(179, 171, 186) }
```


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

```
.border{ border-color:rgb(179, 171, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 171, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 171, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 171, 186);  
box-shadow:4px 4px 4px 4px rgb(179, 171,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0162, 42.2547, 52.3959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 171, 186) }
```

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

```
.background{ background-color: rgb(179,  
171, 186) }
```

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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