

Converting Colors

XYZ(42.5316, 42.2445, 52.3657)

Have a look what the booklet for
XYZ(42.5316, 42.2445, 52.3657)
contains.

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Color

**XYZ(42.5291, 42.2397,
52.3659)**

Conversions

Conversions Part 1

Format	Color
Hex	B6AABA
RGB	182, 170, 186
RGB Percent	71%, 67%, 73%
CMY	0.2863, 0.3333, 0.2706
CMYK	0.02, 0.09, 0.00, 0.27
HSL	285°, 10%, 70%
HSV	285°, 9%, 73%
XYZ	42.5291, 42.2397, 52.3659
YIQ	175.4120, 2.0160, 7.5200

Conversions

Conversions Part 2

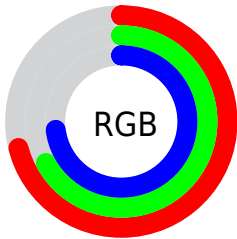
Format	Color
R_{YB}	182, 170, 186
Decimal	11971258
CIE Lab	71.04, 7.28, -6.63
CIE LCh	71, 9.847, 317.639
Yxy	42.2397, 0.3101, 0.3080
Android (android.graphics.Color)	4290161338 (0xFFB6AABA)
YUV	175.4120, 5.2199, 5.7777
Hunter-Lab	64.9921, 3.0696, -2.2771

Details

The XYZ color **42.5291, 42.2397, 52.3659** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.2716, 47.0198, 44.8801**, and the grayscale version is **40.9351, 43.0669, 46.8999**.

A 20% lighter version of the original color is **78.2121, 78.4384, 95.0223**, and **19.7653, 19.3174, 24.8772** is the 20% darker color. If you saturate the color by 10%, you get **38.2064, 35.1971, 51.2350**, and if you desaturate by 10%, it is **47.3841, 50.2913, 53.6648**.

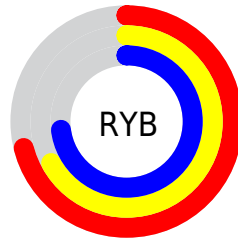
Distribution



Red (71%)

Green (67%)

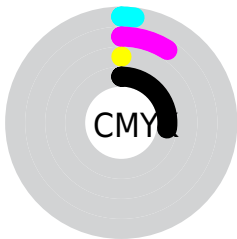
Blue (73%)



Red (71%)

Yellow (67%)

Blue (73%)

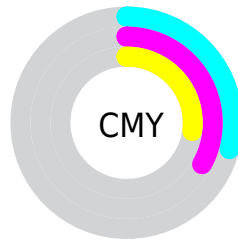


Cyan (2%)

Magenta (9%)

Yellow (0%)

Black (27%)



Cyan (29%)

Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5291, 42.2397, 52.3659 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 42.5291, 42.2397, 52.3659 by changing the saturation by 10% instead.

■ 42.5291, 42.2397,
52.3659

■ 42.5291, 42.2397,
52.3659

347.6260,
355.4756, 412.8446

■ 29.7087, 29.2890,
36.9126

■ 78.2599, 78.5623,
95.1027

■ 19.7646, 19.2996,
24.8445

101.9011,
102.7030, 123.2233

■ 12.3313, 11.8869,
15.7433

129.8799,
131.3424, 156.4033

■ 7.0435, 6.6667,
9.1903

162.5617,
164.8651, 195.0614

■ 3.5359, 3.2546,
4.7670

200.3119,
203.6554, 239.6160

■ 1.4431, 1.2660,
2.0549

243.4957,

■ 0.2866, 0.1147,

248.0976, 290.4857

0.5887

292.4787,
298.5762, 348.0891

■ 0.0000, 0.0000,
0.0000

■ 42.5291, 42.2397,
52.3659

■ 42.5291, 42.2397,
52.3659

■ 38.2064, 35.1971,
51.2350

■ 47.3841, 50.2913,
53.6648

■ 34.3913, 29.1168,
50.2625

■ 52.7874, 59.3856,
55.1354

■ 31.0626, 23.9563,
49.4418

■ 58.7589, 69.5611,
56.7847

■ 28.1962, 19.6677,
48.7651

■ 65.3164, 80.8529,
58.6186

■ 25.7657, 16.1989,
48.2237

■ 69.8698, 88.0804,
59.7737

■ 23.7419, 13.4920,
47.8079

■ 71.1739, 88.7527,
59.8347

■ 22.0918, 11.4815,
47.5068

■ 72.5166, 89.4448,
59.8975

■ 20.7766, 10.0905,
47.3076

■ 73.8980, 90.1570,
59.9622

■ 19.7316, 9.1901,
47.1889

■ 75.3185, 90.8893,
60.0287

Harmonies

Analogous

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



41.1132, 42.2397, 55.1707



42.5291, 42.2397, 52.3659



43.3154, 42.2397, 47.9573

Triad

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



42.5291, 42.2397, 52.3659



40.8281, 42.2397, 37.7028



37.2096, 42.2397, 48.7902

Complementary

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



42.5291, 42.2397, 52.3659



42.2716, 47.0198, 44.8801

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.



37.1381, 42.2397, 44.0809



42.5291, 42.2397, 52.3659



39.1972, 42.2397, 37.8921

Square

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



42.5291, 42.2397, 52.3659



42.3155, 42.2397, 39.6210



37.8566, 42.2397, 40.1572



38.0549, 42.2397, 53.0114

Rectangle

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



42.5291, 42.2397, 52.3659



43.3630, 42.2397, 44.7988



37.8566, 42.2397, 40.1572



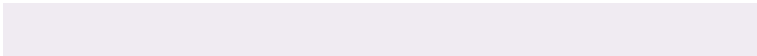
37.0951, 42.2397, 47.2059

Sweetspot

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



42.5303, 42.2415, 52.3668



81.8503, 84.4336, 96.1847



40.6298, 42.4683, 52.5108



17.8677, 18.3331, 21.1395



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.



42.5303, 42.2415, 52.3668



75.7988, 74.4476, 94.5762



43.0968, 42.5788, 50.3487



9.1557, 9.0466, 11.3431



13.2532, 6.1435, 31.7404



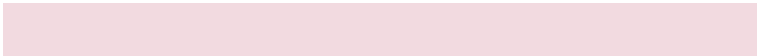
0.5202, 0.2439, 1.1214

Inverse Universe

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



42.2658, 42.2464, 45.9730



75.2473, 74.4635, 80.9860



41.7519, 46.7105, 46.7255



9.0943, 9.0481, 9.8438



13.9878, 7.1689, 2.5564



0.5187, 0.2630, 0.2248

Previews

White Background



This preview shows how the XYZ color 42.5291, 42.2397, 52.3659 looks on a white background.

Color Contrast Check

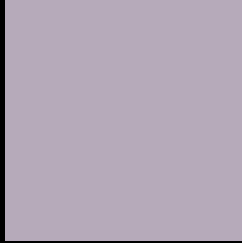
Large Text (above 18pt) WCAG AA × Fail

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 42.5291, 42.2397, 52.3659 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 42.5291, 42.2397, 52.3659

Background



This preview shows how black text looks on a background with the XYZ color 42.5291, 42.2397, 52.3659.



This preview shows how white text looks on a background with the XYZ color 42.5291, 42.2397,

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

42.5291, 42.2397, 52.3659

Protanopia

41.2543, 42.4022, 53.5871

Deuteranopia

43.0585, 42.2354, 52.3372



Tritanopia

42.3179, 42.1552, 51.2538

Trichromacy



Original Color

42.5291, 42.2397, 52.3659

Protanomaly

41.6267, 42.3230, 52.9889

Deuteranomaly

42.8181, 42.1115, 52.3259

Tritanomaly

42.4231, 42.1973, 51.8079

Monochromacy



Original Color

42.5291, 42.2397, 52.3659

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.4404, 42.6068, 48.6876

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5291, 42.2397, 52.3659 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(182, 170, 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(182, 170, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 170, 186) }
```

Border

The CSS property to change the border of an element to XYZ 42.5291, 42.2397, 52.3659 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, 186) }
```


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

```
.border{ border-color:rgb(182, 170, 186) }
```

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, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 170, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 170, 186);  
box-shadow:4px 4px 4px 4px rgb(182, 170,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5291, 42.2397, 52.3659 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, 186) }
```

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

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