

Converting Colors

XYZ(43.1098, 37.1839, 60.6131)

Have a look what the booklet for
XYZ(43.1098, 37.1839, 60.6131)
contains.

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Color

**XYZ(43.0529, 37.1533,
60.7793)**

Conversions

Conversions Part 1

Format	Color
Hex	BF96CA
RGB	191, 150, 202
RGB Percent	75%, 59%, 79%
CMY	0.2510, 0.4117, 0.2078
CMYK	0.05, 0.26, 0.00, 0.21
HSL	287°, 33%, 69%
HSV	287°, 26%, 79%
XYZ	43.0529, 37.1533, 60.7793
YIQ	168.1870, 7.7440, 24.8640

Conversions

Conversions Part 2

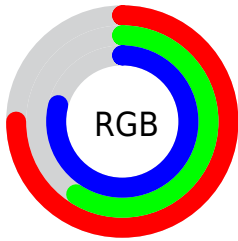
Format	Color
R_{YB}	191, 150, 202
Decimal	12555978
CIE _{Lab}	67.39, 24.55, -20.90
CIE _{LCh}	67, 32.236, 319.592
Yxy	37.1533, 0.3054, 0.2635
Android (android.graphics.Color)	4290746058 (0xFFBF96CA)
YUV	168.1870, 16.6698, 20.0070
Hunter-Lab	60.9535, 19.4101, -16.4531

Details

The XYZ color **43.0529, 37.1533, 60.7793** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **41.3247, 52.0210, 36.7189**, and the grayscale version is **37.2303, 39.1691, 42.6552**.

A 20% lighter version of the original color is **78.3543, 70.3622, 104.0593**, and **20.1237, 16.3802, 30.1180** is the 20% darker color. If you saturate the color by 10%, you get **39.0446, 30.7081, 59.7471**, and if you desaturate by 10%, it is **47.6506, 44.7291, 61.9998**.

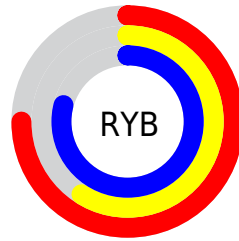
Distribution



Red (75%)

Green (59%)

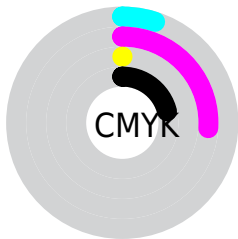
Blue (79%)



Red (75%)

Yellow (59%)

Blue (79%)

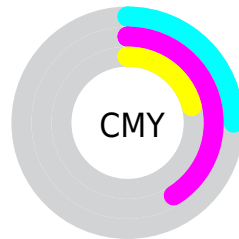


Cyan (5%)

Magenta (26%)

Yellow (0%)

Black (21%)



Cyan (25%)

Magenta (41%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.0529, 37.1533, 60.7793 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 43.0529, 37.1533, 60.7793 by changing the saturation by 10% instead.

■ 43.0529, 37.1533,
60.7793

■ 43.0529, 37.1533,
60.7793

349.7471,
333.9737, 445.3485

■ 30.1213, 25.3262,
43.6177

■ 79.0459, 70.8085,
107.5137

■ 20.0792, 16.3203,
30.0351

■ 102.8380, 93.4054,
137.9236

■ 12.5612, 9.7511,
19.6129

130.9811,
120.3610, 173.5867

■ 7.2020, 5.2342,
11.9327

163.8403,
152.0597, 214.9214

■ 3.6362, 2.3853,
6.5759

201.7812,
188.8860, 262.3465

■ 1.4985, 0.8183,
3.1239

245.1691,

■ 0.3248, 0.0000,

231.2241, 316.2803

1.1583

294.3693,
279.4586, 377.1414

■ 0.0000, 0.0000,
0.0000

■ 43.0529, 37.1533,
60.7793

■ 43.0529, 37.1533,
60.7793

■ 39.0446, 30.7081,
59.7471

■ 47.6506, 44.7291,
61.9998

■ 35.5933, 25.3315,
58.8912

■ 52.8607, 53.4838,
63.4150

■ 32.6689, 20.9631,
58.2021

■ 58.7096, 63.4686,
65.0340

■ 30.2369, 17.5339,
57.6684

■ 65.2208, 74.7302,
66.8646

■ 28.2583, 14.9668,
57.2772

■ 72.4167, 87.3132,
68.9141

■ 26.6881, 13.1718,
57.0135

■ 74.9291, 90.4809,
69.3931

■ 25.4703, 12.0375,
56.8587

■ 76.2131, 91.1428,
69.4532

■ 25.0126, 11.6629,
56.8106

■ 77.5302, 91.8218,
69.5148

■ 78.8806, 92.5180,
69.5780

Harmonies

Analogous

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



38.5958, 37.1533, 71.8841



43.0529, 37.1533, 60.7793



45.5062, 37.1533, 45.5708

Triad

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



43.0529, 37.1533, 60.7793



37.0574, 37.1533, 19.1591



27.0972, 37.1533, 50.2811

Complementary

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



43.0529, 37.1533, 60.7793



41.3247, 52.0210, 36.7189

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.



26.7685, 37.1533, 35.7346



43.0529, 37.1533, 60.7793



32.2220, 37.1533, 19.8525

Square

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



43.0529, 37.1533, 60.7793



41.8368, 37.1533, 23.0704



28.5614, 37.1533, 25.2548



29.5055, 37.1533, 64.9113

Rectangle

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



43.0529, 37.1533, 60.7793



45.5340, 37.1533, 36.0867



28.5614, 37.1533, 25.2548



26.7490, 37.1533, 45.1594

Sweetspot

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



43.0541, 37.1549, 60.7801



87.3141, 86.8586, 106.7712



36.0313, 36.3330, 60.9916



18.3944, 18.0951, 22.7732



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.



43.0541, 37.1549, 60.7801



68.9189, 56.4764, 101.8764



44.2628, 37.9700, 52.1606



11.4462, 11.2793, 14.1442



16.1718, 7.5444, 36.5601



0.8940, 0.4200, 1.8889

Inverse Universe

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



41.6977, 36.9440, 38.6529



66.3446, 56.1267, 57.5972



40.4667, 51.4329, 43.2664



11.3078, 11.2519, 12.1556



15.9778, 8.2017, 2.3359



0.8529, 0.4346, 0.2713

Previews

White Background



This preview shows how the XYZ color 43.0529, 37.1533, 60.7793 looks on a white background.

Color Contrast Check

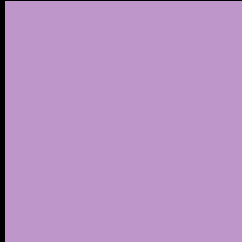
Large Text (above 18pt) WCAG AA × Fail

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 43.0529, 37.1533, 60.7793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

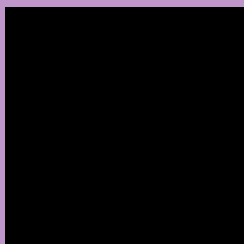
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.0529, 37.1533, 60.7793

Background



This preview shows how black text looks on a background with the XYZ color 43.0529, 37.1533, 60.7793.



This preview shows how white text looks on a background with the XYZ color 43.0529, 37.1533,

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

43.0529, 37.1533, 60.7793

Protanopia

37.8040, 37.5729, 66.8878

Deuteranopia

38.0705, 37.3413, 59.8446



Tritanopia

39.2061, 37.0432, 42.1295

Trichromacy



Original Color

43.0529, 37.1533, 60.7793

Protanomaly

39.3379, 37.1148, 64.7650

Deuteranomaly

39.8332, 37.2152, 60.3422

Tritanomaly

40.5329, 37.0979, 48.2043

Monochromacy



Original Color

43.0529, 37.1533, 60.7793

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.8876, 38.0151, 48.4681

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0529, 37.1533, 60.7793 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(191, 150, 202)` looks like.

```
.text, #text, p{  
    color:rgb(191, 150, 202)  
}
```

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(191, 150, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 150, 202) }
```

Border

The CSS property to change the border of an element to XYZ 43.0529, 37.1533, 60.7793 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(191, 150, 202) }
```


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

```
.border{ border-color:rgb(191, 150, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 150, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 150, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 150, 202);  
box-shadow:4px 4px 4px 4px rgb(191, 150,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0529, 37.1533, 60.7793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 150, 202) }
```

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

```
.background{ background-color: rgb(191,  
150, 202) }
```

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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