

Converting Colors

XYZ(43.3277, 37.1613, 75.4077)

Have a look what the booklet for
XYZ(43.3277, 37.1613, 75.4077)
contains.

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Color

**XYZ(43.3435, 37.2183,
75.4204)**

Conversions

Conversions Part 1

Format	Color
Hex	B497E0
RGB	180, 151, 224
RGB Percent	71%, 59%, 88%
CMY	0.2941, 0.4078, 0.1216
CMYK	0.20, 0.33, 0.00, 0.12
HSL	264°, 54%, 74%
HSV	264°, 33%, 88%
XYZ	43.3435, 37.2183, 75.4204
YIQ	167.9930, -6.1490, 28.8510

Conversions

Conversions Part 2

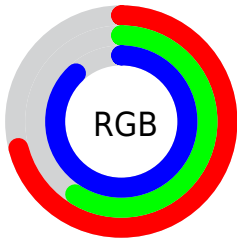
Format	Color
RYB	180, 151, 224
Decimal	11835360
CIELab	67.44, 25.20, -33.10
CIELCh	67, 41.597, 307.285
Yxy	37.2183, 0.2779, 0.2386
Android (android.graphics.Color)	4290025440 (0xFFB497E0)
YUV	167.9930, 27.6115, 10.5301
Hunter-Lab	61.0068, 20.0570, -30.5932

Details

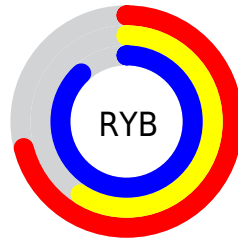
The XYZ color **43.3435, 37.2183, 75.4204** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.7483, 67.1486, 39.3551**, and the grayscale version is **37.0880, 39.0195, 42.4922**.

A 20% lighter version of the original color is **74.8064, 68.8872, 103.9616**, and **20.2292, 16.3771, 39.1407** is the 20% darker color. If you saturate the color by 10%, you get **37.0839, 29.1393, 74.1915**, and if you desaturate by 10%, it is **50.5967, 46.8278, 76.8936**.

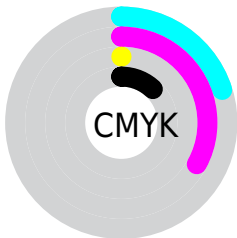
Distribution



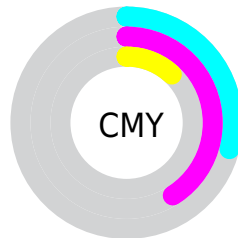
- Red (71%)
- Green (59%)
- Blue (88%)



- Red (71%)
- Yellow (59%)
- Blue (88%)



- Cyan (20%)
- Magenta (33%)
- Yellow (0%)
- Black (12%)



- Cyan (29%)
- Magenta (41%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.3435, 37.2183, 75.4204 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 43.3435, 37.2183, 75.4204 by changing the saturation by 10% instead.

43.3435, 37.2183,
75.4204

43.3435, 37.2183,
75.4204

350.9201,
334.2547, 498.6552

30.3504, 25.3766,
55.4536

79.4814, 70.9084,
128.6598

20.2541, 16.3578,
39.3639

103.3570, 93.5256,
162.7695

12.6892, 9.7777,
26.7330

131.5908,
120.5033, 202.4306

7.2904, 5.2518,
17.1421

164.5481,
152.2260, 248.0615

3.6923, 2.3958,
10.1728

202.5944,
189.0781, 300.0809

1.5296, 0.8237,
5.4066

246.0949,

0.3458, 0.0000,

231.4440, 358.9073

2.4249

295.4150,
279.7081, 424.9592

■ 0.0000, 0.0000,
0.7999

■ 0.0000, 0.0000,
0.0000

■ 43.3435, 37.2183,
75.4204

■ 43.3435, 37.2183,
75.4204

■ 37.0839, 29.1393,
74.1915

■ 50.5967, 46.8278,
76.8936

■ 31.7664, 22.5041,
73.1911

■ 58.8839, 58.0394,
78.6208

■ 27.3405, 17.2239,
72.4052

■ 68.2478, 70.9253,
80.6145

■ 23.7486, 13.1979,
71.8174

■ 78.7272, 85.5521,
82.8854

■ 20.9255, 10.3104,
71.4088

■ 87.7525, 96.7688,
84.5748

■ 18.7939, 8.4228,
71.1568

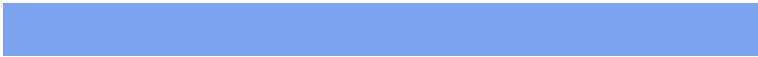
■ 90.4547, 98.1619,
84.7013

■ 17.5731, 7.5050,
71.0440

Harmonies

Analogous

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



36.9543, 37.2183, 86.3499



43.3435, 37.2183, 75.4204



47.9480, 37.2183, 55.6703

Triad

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



43.3435, 37.2183, 75.4204



40.3293, 37.2183, 15.9782



24.5431, 37.2183, 45.1474

Complementary

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



43.3435, 37.2183, 75.4204



54.7483, 67.1486, 39.3551

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.



25.2177, 37.2183, 28.4096



43.3435, 37.2183, 75.4204



33.8411, 37.2183, 14.7004

Square

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



43.3435, 37.2183, 75.4204



46.0668, 37.2183, 22.7419



28.4482, 37.2183, 18.4969



26.4802, 37.2183, 65.7669

Rectangle

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



43.3435, 37.2183, 75.4204



49.1063, 37.2183, 42.2123



28.4482, 37.2183, 18.4969



24.4763, 37.2183, 38.8821

Sweetspot

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



43.3448, 37.2198, 75.4212



82.0176, 81.9963, 106.1118



45.9619, 51.4498, 78.0300



17.1887, 17.0490, 22.6348



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.



43.3448, 37.2198, 75.4212



52.3835, 42.4559, 100.0416



52.6887, 42.0368, 75.8585



13.4647, 13.5076, 17.2852



10.3499, 4.4309, 41.3581



0.8162, 0.3581, 2.8713

Inverse Universe

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



51.6585, 41.9220, 57.0001



65.3823, 49.8179, 70.7923



46.6435, 62.9705, 38.9758



14.0524, 13.8386, 16.0462



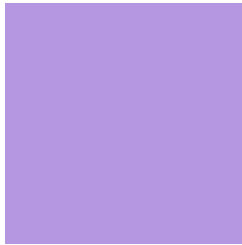
20.4975, 10.2660, 14.5512



1.4645, 0.7291, 1.2391

Previews

White Background



This preview shows how the XYZ color 43.3435, 37.2183, 75.4204 looks on a white background.

Color Contrast Check

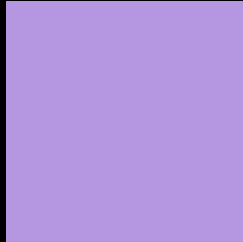
Large Text (above 18pt) WCAG AA × Fail

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 43.3435, 37.2183, 75.4204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

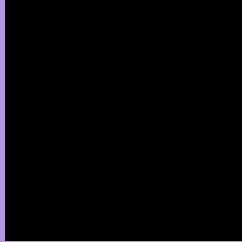
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.3435, 37.2183, 75.4204

Background



This preview shows how black text looks on a background with the XYZ color 43.3435, 37.2183, 75.4204.



This preview shows how white text looks on a background with the XYZ color 43.3435, 37.2183,

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

43.3435, 37.2183, 75.4204

Protanopia

38.7836, 37.4746, 82.2800

Deuteranopia

38.3179, 37.4105, 74.3086



Tritanopia

37.1794, 37.2037, 45.2659

Trichromacy



Original Color

43.3435, 37.2183, 75.4204

Protanomaly

40.2201, 37.2348, 79.9301

Deuteranomaly

40.0433, 37.2550, 74.8925

Tritanomaly

39.0270, 36.9184, 54.9382

Monochromacy



Original Color

43.3435, 37.2183, 75.4204

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

39.0107, 38.2422, 52.9023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3435, 37.2183, 75.4204 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(180, 151, 224)` looks like.

```
.text, #text, p{  
    color:rgb(180, 151, 224)  
}
```

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(180, 151, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 151, 224) }
```

Border

The CSS property to change the border of an element to XYZ 43.3435, 37.2183, 75.4204 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(180, 151, 224) }
```


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

```
.border{ border-color:rgb(180, 151, 224) }
```

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

Here you see how a box with a 4 pixel rgb(180, 151, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 151, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 151, 224);  
box-shadow:4px 4px 4px 4px rgb(180, 151,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3435, 37.2183, 75.4204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 151, 224) }
```

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

```
.background{ background-color: rgb(180,  
151, 224) }
```

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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