

Converting Colors

XYZ(43.0612, 32.3557, 67.7283)

Have a look what the booklet for
XYZ(43.0612, 32.3557, 67.7283)
contains.

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Color

**XYZ(43.0138, 32.4259,
67.6101)**

Conversions

Conversions Part 1

Format	Color
Hex	C581D6
RGB	197, 129, 214
RGB Percent	77%, 51%, 84%
CMY	0.2274, 0.4941, 0.1608
CMYK	0.08, 0.40, 0.00, 0.16
HSL	288°, 51%, 67%
HSV	288°, 40%, 84%
XYZ	43.0138, 32.4259, 67.6101
YIQ	159.0220, 13.2430, 40.8510

Conversions

Conversions Part 2

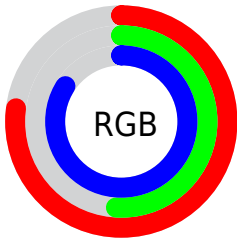
Format	Color
R_{YB}	197, 129, 214
Decimal	12943830
CIE _{Lab}	63.69, 40.37, -33.22
CIE _{LCh}	64, 52.286, 320.547
Yxy	32.4259, 0.3007, 0.2267
Android (android.graphics.Color)	4291133910 (0xFFC581D6)
YUV	159.0220, 27.1042, 33.3067
Hunter-Lab	56.9437, 35.1826, -30.5352

Details

The XYZ color **43.0138, 32.4259, 67.6101** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **39.8642, 55.7899, 29.4379**, and the grayscale version is **32.8415, 34.5518, 37.6269**.

A 20% lighter version of the original color is **76.2235, 62.3470, 102.6245**, and **20.1377, 13.7028, 34.3844** is the 20% darker color. If you saturate the color by 10%, you get **39.3800, 26.7978, 66.7158**, and if you desaturate by 10%, it is **47.2719, 39.2537, 68.7041**.

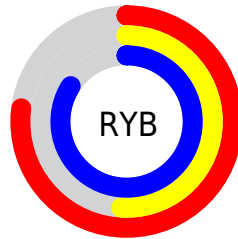
Distribution



Red (77%)

Green (51%)

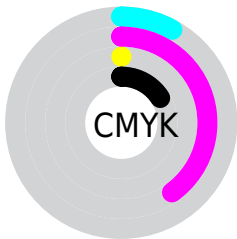
Blue (84%)



Red (77%)

Yellow (51%)

Blue (84%)

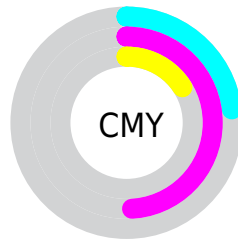


Cyan (8%)

Magenta (40%)

Yellow (0%)

Black (16%)



Cyan (23%)


Magenta (49%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0138, 32.4259, 67.6101 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 43.0138, 32.4259, 67.6101 by changing the saturation by 10% instead.


 43.0138, 32.4259,
67.6101


 43.0138, 32.4259,
67.6101

349.5891,
313.0548, 470.6738


 30.0905, 21.6870,
49.1159


 78.9873, 63.4782,
117.4431

 20.0557, 13.6271,
34.3452


 102.7682, 84.5603,
149.6190

 12.5440, 7.8618,
22.8794

 130.8990,
109.8591, 187.1926

 7.1902, 4.0066,
14.3000

163.7450,
139.7588, 230.5823

 3.6287, 1.6773,
8.1885

201.6717,
174.6438, 280.2067

 1.4943, 0.4089,
4.1263

245.0444,

 0.3219, 0.0000,

214.8985, 336.4844

1.6949

294.2284,
260.9074, 399.8340

■ 0.0000, 0.0000,
0.3572

■ 0.0000, 0.0000,
0.0000

■ 43.0138, 32.4259,
67.6101

■ 43.0138, 32.4259,
67.6101

■ 39.3800, 26.7978,
66.7158

■ 47.2719, 39.2537,
68.7041

■ 36.3298, 22.2909,
66.0066

■ 52.1851, 47.3449,
70.0069

■ 33.8227, 18.8235,
65.4695

■ 57.7862, 56.7640,
71.5297

■ 31.8112, 16.3015,
65.0887

■ 64.1047, 67.5693,
73.2824

■ 30.2392, 14.6128,
64.8456

■ 71.1682, 79.8162,
75.2739

■ 29.0090, 13.5623,
64.7077

■ 78.2311, 92.0125,
77.2558

■ 28.9761, 13.5356,
64.7043

■ 79.5641, 92.6997,
77.3182

■ 80.9307, 93.4042,
77.3822

■ 82.3311, 94.1262,
77.4477

Harmonies

Analogous

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



36.0279, 32.4259, 88.0926



43.0138, 32.4259, 67.6101



46.8908, 32.4259, 42.3482

Triad

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



43.0138, 32.4259, 67.6101



33.1895, 32.4259, 8.6047



19.4308, 32.4259, 51.4260

Complementary

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



43.0138, 32.4259, 67.6101



39.8642, 55.7899, 29.4379

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.



18.9176, 32.4259, 29.0918



43.0138, 32.4259, 67.6101



26.1396, 32.4259, 9.4159

Square

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



43.0138, 32.4259, 67.6101



40.6555, 32.4259, 12.4334



21.1802, 32.4259, 15.3885



22.7141, 32.4259, 76.4677

Rectangle

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



43.0138, 32.4259, 67.6101



46.8291, 32.4259, 28.4306



21.1802, 32.4259, 15.3885



18.9513, 32.4259, 43.2098

Sweetspot

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



43.0149, 32.4273, 67.6108



83.8375, 80.8643, 105.7974



31.4711, 30.0815, 67.7664



17.7038, 16.9017, 22.5792



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.



43.0149, 32.4273, 67.6108



59.1832, 40.7949, 99.3627



44.7139, 33.6505, 51.9996



12.6984, 12.5014, 15.6813



17.6006, 8.2259, 39.1133



1.1248, 0.5288, 2.3621

Inverse Universe

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



40.7712, 32.0734, 31.2375



55.6655, 40.3628, 36.7910



38.9755, 55.1109, 39.3753



12.5238, 12.4610, 13.4326



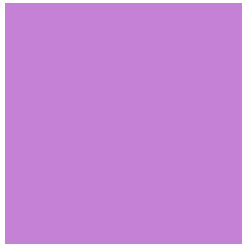
17.0531, 8.7576, 2.3178



1.0585, 0.5402, 0.2974

Previews

White Background



This preview shows how the XYZ color 43.0138, 32.4259, 67.6101 looks on a white background.

Color Contrast Check

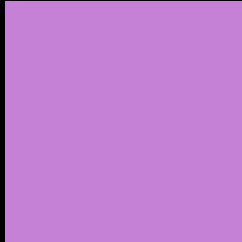
Large Text (above 18pt) WCAG AA × Fail

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 43.0138, 32.4259, 67.6101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

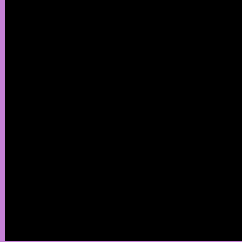
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.0138, 32.4259, 67.6101

Background



This preview shows how black text looks on a background with the XYZ color 43.0138, 32.4259, 67.6101.

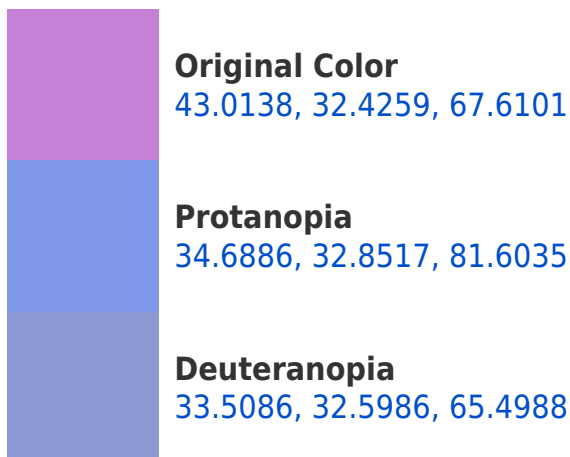


This preview shows how white text looks on a background with the XYZ color 43.0138, 32.4259,

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





Tritanopia

36.1618, 32.3373, 34.4728

Trichromacy



Original Color

43.0138, 32.4259, 67.6101

Protanomaly

36.6496, 32.1129, 76.2183

Deuteranomaly

36.2283, 32.1232, 65.9190

Tritanomaly

38.1694, 32.0628, 44.7344

Monochromacy



Original Color

43.0138, 32.4259, 67.6101

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

35.9602, 33.3187, 47.1837

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0138, 32.4259, 67.6101 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(197, 129, 214)` looks like.

```
.text, #text, p{  
    color:rgb(197, 129, 214)  
}
```

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(197, 129, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 129, 214) }
```

Border

The CSS property to change the border of an element to XYZ 43.0138, 32.4259, 67.6101 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(197, 129, 214) }
```


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

```
.border{ border-color:rgb(197, 129, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 129, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 129, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 129, 214);  
box-shadow:4px 4px 4px 4px rgb(197, 129,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0138, 32.4259, 67.6101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 129, 214) }
```

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

```
.background{ background-color: rgb(197,  
129, 214) }
```

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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