

Converting Colors

XYZ(43.0959, 31.9373, 78.3884)

Have a look what the booklet for
XYZ(43.0959, 31.9373, 78.3884)
contains.

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Color

**XYZ(43.2373, 32.0987,
78.7797)**

Conversions

Conversions Part 1

Format	Color
Hex	BE80E6
RGB	190, 128, 230
RGB Percent	75%, 50%, 90%
CMY	0.2549, 0.4980, 0.0980
CMYK	0.17, 0.44, 0.00, 0.10
HSL	276°, 67%, 70%
HSV	276°, 44%, 90%
XYZ	43.2373, 32.0987, 78.7797
YIQ	158.1660, 4.2100, 44.8660

Conversions

Conversions Part 2

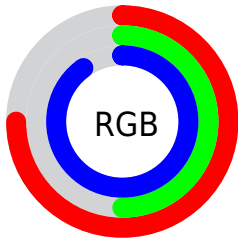
Format	Color
RYB	190, 128, 230
Decimal	12484838
CIELab	63.42, 42.20, -42.61
CIELCh	63, 59.967, 314.720
Yxy	32.0987, 0.2806, 0.2083
Android (android.graphics.Color)	4290674918 (0xFFBE80E6)
YUV	158.1660, 35.4142, 27.9184
Hunter-Lab	56.6557, 37.0763, -42.7837

Details

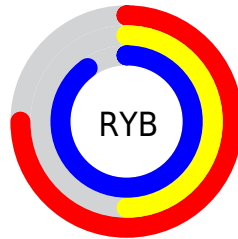
The XYZ color **43.2373, 32.0987, 78.7797** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **48.3425, 66.4777, 30.7070**, and the grayscale version is **32.4188, 34.1071, 37.1426**.

A 20% lighter version of the original color is **73.4893, 60.6324, 102.4376**, and **20.2855, 13.5146, 41.5838** is the 20% darker color. If you saturate the color by 10%, you get **38.3870, 25.6388, 77.7890**, and if you desaturate by 10%, it is **48.9092, 39.9928, 80.0050**.

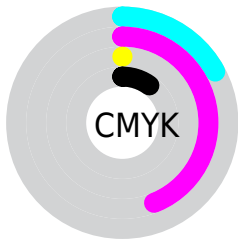
Distribution



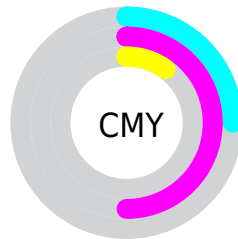
- Red (75%)
- Green (50%)
- Blue (90%)



- Red (75%)
- Yellow (50%)
- Blue (90%)



- Cyan (17%)
- Magenta (44%)
- Yellow (0%)
- Black (10%)



- Cyan (25%)
- Magenta (50%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.2373, 32.0987, 78.7797 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 43.2373, 32.0987, 78.7797 by changing the saturation by 10% instead.

43.2373, 32.0987,
78.7797

43.2373, 32.0987,
78.7797

350.4917,
311.5686, 510.4087

30.2667, 21.4369,
58.1945

79.3223, 62.9658,
133.4445

20.1902, 13.4437,
41.5493

103.1674, 83.9399,
168.3612

12.6424, 7.7348,
28.4256

131.3681,
109.1202, 208.8921

7.2581, 3.9257,
18.4049

164.2896,
138.8910, 255.4557

3.6718, 1.6321,
11.0686

202.2974,
173.6369, 308.4707

1.5182, 0.3791,
5.9983

245.7567,

0.3382, 0.0000,

213.7422, 368.3554

2.7752

295.0331,
259.5913, 435.5286

■ 0.0000, 0.0000,
0.9811

■ 0.0000, 0.0000,
0.0000

■ 43.2373, 32.0987,
78.7797

■ 43.2373, 32.0987,
78.7797

■ 38.3870, 25.6388,
77.7890

■ 48.9092, 39.9928,
80.0050

■ 34.3058, 20.5148,
77.0151

■ 55.4439, 49.4028,
81.4769

■ 30.9399, 16.6221,
76.4411

■ 62.8836, 60.4086,
83.2091

■ 28.2260, 13.8377,
76.0467

■ 71.2666, 73.0836,
85.2138

■ 26.0872, 12.0122,
75.8071

■ 80.6289, 87.4962,
87.5023

■ 25.0654, 11.2717,
75.7180

■ 87.3928, 96.4877,
88.8813

■ 90.6017, 98.1420,
89.0315

■ 91.2830, 98.4932,
89.0634

Harmonies

Analogous

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



34.7665, 32.0987, 100.8220



43.2373, 32.0987, 78.7797



48.7347, 32.0987, 48.5005

Triad

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



43.2373, 32.0987, 78.7797



34.9320, 32.0987, 6.7338



17.4815, 32.0987, 47.9631

Complementary

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



43.2373, 32.0987, 78.7797



48.3425, 66.4777, 30.7070

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.



17.5095, 32.0987, 24.1924



43.2373, 32.0987, 78.7797



26.6138, 32.0987, 6.6951

Square

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



43.2373, 32.0987, 78.7797



43.3773, 32.0987, 11.5749



20.5612, 32.0987, 11.4236



20.4761, 32.0987, 78.2353

Rectangle

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



43.2373, 32.0987, 78.7797



49.4382, 32.0987, 31.3064



20.5612, 32.0987, 11.4236



17.1580, 32.0987, 38.8659

Sweetspot

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



43.2385, 32.1000, 78.7804



80.7494, 78.2602, 105.4575



37.3370, 38.6053, 80.3471



16.8081, 16.0390, 22.4599



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.



43.2385, 32.1000, 78.7804



49.1057, 33.1735, 98.4227



53.2449, 37.4192, 71.9884



14.4194, 14.3184, 18.1481



14.3316, 6.4541, 42.8736



1.1626, 0.5303, 3.1731

Inverse Universe

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



47.4211, 35.0897, 41.3206



55.4667, 37.6682, 43.8062



41.8019, 63.0244, 34.0838



14.6099, 14.4611, 16.1459



19.5805, 9.9664, 6.6860



1.4915, 0.7543, 0.7288

Previews

White Background



This preview shows how the XYZ color 43.2373, 32.0987, 78.7797 looks on a white background.

Color Contrast Check

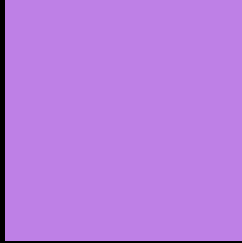
Large Text (above 18pt) WCAG AA × Fail

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 43.2373, 32.0987, 78.7797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

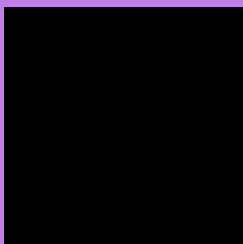
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.2373, 32.0987, 78.7797

Background



This preview shows how black text looks on a background with the XYZ color 43.2373, 32.0987, 78.7797.



This preview shows how white text looks on a background with the XYZ color 43.2373, 32.0987,

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

43.2373, 32.0987, 78.7797

Protanopia

35.3922, 32.6802, 94.8850

Deuteranopia

33.2940, 32.5038, 75.7532



Tritanopia

34.4862, 32.1161, 35.8339

Trichromacy



Original Color

43.2373, 32.0987, 78.7797



Protanomaly

37.1555, 31.8668, 88.9866



Deuteranomaly

36.0511, 31.7885, 76.9087



Tritanomaly

37.0713, 31.8292, 48.9895

Monochromacy



Original Color

43.2373, 32.0987, 78.7797



Achromatopsia

32.4990, 34.1914, 37.2345



Achromatomaly

35.6630, 32.8742, 49.8131

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2373, 32.0987, 78.7797 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(190, 128, 230)` looks like.

```
.text, #text, p{  
    color:rgb(190, 128, 230)  
}
```

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(190, 128, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 128, 230) }
```

Border

The CSS property to change the border of an element to XYZ 43.2373, 32.0987, 78.7797 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(190, 128, 230) }
```


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

```
.border{ border-color:rgb(190, 128, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 128, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 128, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 128, 230);  
box-shadow:4px 4px 4px 4px rgb(190, 128,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2373, 32.0987, 78.7797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 128, 230) }
```

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

```
.background{ background-color: rgb(190,  
128, 230) }
```

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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