

Converting Colors

XYZ(43.3663, 32.6799, 72.5864)

Have a look what the booklet for
XYZ(43.3663, 32.6799, 72.5864)
contains.

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Color

**XYZ(43.2819, 32.6551,
72.4285)**

Conversions

Conversions Part 1

Format	Color
Hex	C282DD
RGB	194, 130, 221
RGB Percent	76%, 51%, 87%
CMY	0.2392, 0.4902, 0.1333
CMYK	0.12, 0.41, 0.00, 0.13
HSL	282°, 57%, 69%
HSV	282°, 41%, 87%
XYZ	43.2819, 32.6551, 72.4285
YIQ	159.5100, 8.9330, 41.8690

Conversions

Conversions Part 2

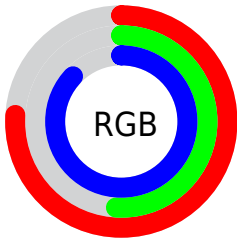
Format	Color
RYB	194, 130, 221
Decimal	12747485
CIELab	63.88, 40.36, -36.86
CIELCh	64, 54.661, 317.594
Yxy	32.6551, 0.2917, 0.2201
Android (android.graphics.Color)	4290937565 (0xFFC282DD)
YUV	159.5100, 30.3146, 30.2477
Hunter-Lab	57.1446, 35.1945, -35.1464

Details

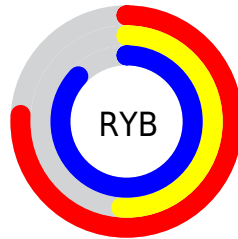
The XYZ color **43.2819, 32.6551, 72.4285** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **43.7915, 60.4936, 30.4890**, and the grayscale version is **33.0517, 34.7730, 37.8678**.

A 20% lighter version of the original color is **75.3354, 62.1964, 102.6422**, and **20.3264, 13.8341, 37.6753** is the 20% darker color. If you saturate the color by 10%, you get **39.0062, 26.5464, 71.4753**, and if you desaturate by 10%, it is **48.2654, 40.0673, 73.5971**.

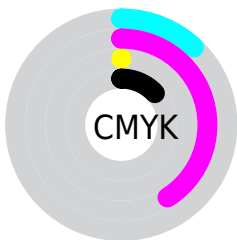
Distribution



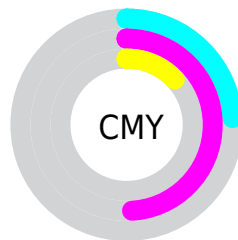
- Red (76%)
- Green (51%)
- Blue (87%)



- Red (76%)
- Yellow (51%)
- Blue (87%)



- Cyan (12%)
- Magenta (41%)
- Yellow (0%)
- Black (13%)



- Cyan (24%)
- Magenta (49%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.2819, 32.6551, 72.4285 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 43.2819, 32.6551, 72.4285 by changing the saturation by 10% instead.

43.2819, 32.6551,
72.4285

43.2819, 32.6551,
72.4285

350.6717,
314.0927, 488.0493

30.3018, 21.8624,
53.0198

79.3891, 63.8367,
124.3789

20.2170, 13.7558,
37.4308

103.2470, 84.9943,
157.7578

12.6621, 7.9510,
25.2428

131.4616,
110.3757, 196.6304

7.2717, 4.0636,
16.0374

164.3982,
140.3652, 241.4153

3.6804, 1.7092,
9.3960

202.4221,
175.3473, 292.5311

1.5230, 0.4296,
4.9000

245.8988,

0.3414, 0.0000,

215.7063, 350.3964

2.1310

295.1935,
261.8267, 415.4296

■ 0.0000, 0.0000,
0.6341

■ 0.0000, 0.0000,
0.0000

■ 43.2819, 32.6551,
72.4285

■ 43.2819, 32.6551,
72.4285

■ 39.0062, 26.5464,
71.4753

■ 48.2654, 40.0673,
73.5971

■ 35.3931, 21.6550,
70.7216


■ 53.9914, 48.8538,
74.9912

■ 32.3972, 17.8906,
70.1529


■ 60.4962, 59.0849,
76.6232


■ 29.9654, 15.1484,
69.7517


■ 67.8127, 70.8250,
78.5036


 28.0342, 13.3030,
69.4973


 75.9717, 84.1346,
80.6426

 26.6513, 12.2316,
69.3634

 82.5282, 94.1222,
82.2249

 84.7132, 95.2486,
82.3271

 86.9786, 96.4165,
82.4331

 89.3252, 97.6262,
82.5430

Harmonies

Analogous

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



35.7237, 32.6551, 93.1020



43.2819, 32.6551, 72.4285



47.8286, 32.6551, 45.4485

Triad

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



43.2819, 32.6551, 72.4285



34.3230, 32.6551, 8.1655



18.9719, 32.6551, 49.9487

Complementary

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



43.2819, 32.6551, 72.4285



43.7915, 60.4936, 30.4890

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.



18.7236, 32.6551, 27.2142



43.2819, 32.6551, 72.4285



26.7805, 32.6551, 8.5431

Square

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



43.2819, 32.6551, 72.4285



42.1117, 32.6551, 12.5624



21.3524, 32.6551, 13.9658



22.0982, 32.6551, 76.8703

Rectangle

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



43.2819, 32.6551, 72.4285



48.1167, 32.6551, 30.2496



21.3524, 32.6551, 13.9658



18.5701, 32.6551, 41.4489

Sweetspot

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



43.2830, 32.6565, 72.4292



82.7916, 80.3251, 105.7485



34.3662, 34.1833, 73.1939



17.4566, 16.7743, 22.5677



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.



43.2830, 32.6565, 72.4292



54.9309, 38.0927, 99.0652



48.5581, 35.6410, 60.6961



13.2186, 13.0708, 16.4784



15.6008, 7.1667, 40.2995



1.0956, 0.5081, 2.6148

Inverse Universe

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



43.8883, 33.7731, 36.1054



56.2157, 40.0331, 41.3832



40.4247, 58.6040, 37.2826



13.2142, 13.1148, 14.3893



17.9297, 9.1729, 4.0096



1.1989, 0.6092, 0.4564

Previews

White Background



This preview shows how the XYZ color 43.2819, 32.6551, 72.4285 looks on a white background.

Color Contrast Check

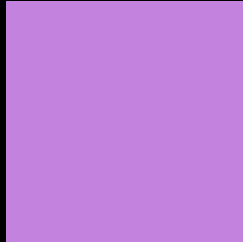
Large Text (above 18pt) WCAG AA × Fail

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 43.2819, 32.6551, 72.4285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

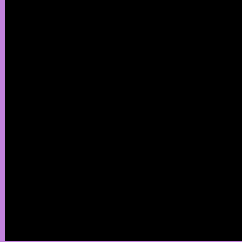
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.2819, 32.6551, 72.4285

Background



This preview shows how black text looks on a background with the XYZ color 43.2819, 32.6551, 72.4285.



This preview shows how white text looks on a background with the XYZ color 43.2819, 32.6551,

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

43.2819, 32.6551, 72.4285

Protanopia

35.1204, 32.9736, 86.1748

Deuteranopia

33.6174, 32.8087, 69.5266



Tritanopia

35.6568, 32.5034, 35.4048

Trichromacy



Original Color

43.2819, 32.6551, 72.4285

Protanomaly

36.9332, 32.1623, 80.6053

Deuteranomaly

36.4906, 32.3807, 70.6565

Tritanomaly

38.1083, 32.4113, 46.8953

Monochromacy



Original Color

43.2819, 32.6551, 72.4285

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

36.2042, 33.6429, 48.8415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2819, 32.6551, 72.4285 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(194, 130, 221)` looks like.

```
.text, #text, p{  
    color:rgb(194, 130, 221)  
}
```

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(194, 130, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 130, 221) }
```

Border

The CSS property to change the border of an element to XYZ 43.2819, 32.6551, 72.4285 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(194, 130, 221) }
```


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

```
.border{ border-color:rgb(194, 130, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 130, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 130, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 130, 221);  
box-shadow:4px 4px 4px 4px rgb(194, 130,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2819, 32.6551, 72.4285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 130, 221) }
```

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

```
.background{ background-color: rgb(194,  
130, 221) }
```

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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