

Converting Colors

XYZ(43.1285, 41.7996, 71.2280)

Have a look what the booklet for
XYZ(43.1285, 41.7996, 71.2280)
contains.

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Color

**XYZ(43.2899, 41.9317,
71.4577)**

Conversions

Conversions Part 1

Format	Color
Hex	AAA9D9
RGB	170, 169, 217
RGB Percent	67%, 66%, 85%
CMY	0.3333, 0.3372, 0.1490
CMYK	0.22, 0.22, 0.00, 0.15
HSL	241°, 39%, 76%
HSV	241°, 22%, 85%
XYZ	43.2899, 41.9317, 71.4577
YIQ	174.7710, -14.8120, 15.1400

Conversions

Conversions Part 2

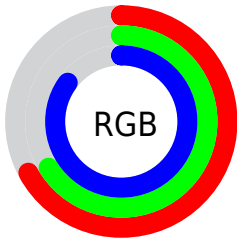
Format	Color
R _Y B	170, 169, 217
Decimal	11184601
CIE Lab	70.82, 10.46, -24.11
CIE LCh	71, 26.278, 293.449
Yxy	41.9317, 0.2763, 0.2676
Android (android.graphics.Color)	4289374681 (0xFFAAA9D9)
YUV	174.7710, 20.8189, -4.1842
Hunter-Lab	64.7547, 6.0104, -20.0991

Details

The XYZ color **43.2899, 41.9317, 71.4577** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **60.2945, 67.0903, 47.3097**, and the grayscale version is **40.5316, 42.6424, 46.4376**.

A 20% lighter version of the original color is **76.0697, 76.7001, 105.4030**, and **20.2190, 19.1131, 36.8060** is the 20% darker color. If you saturate the color by 10%, you get **35.3551, 32.3382, 70.0249**, and if you desaturate by 10%, it is **52.6398, 53.2512, 73.1505**.

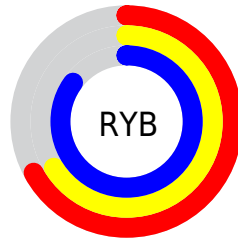
Distribution



Red (67%)

Green (66%)

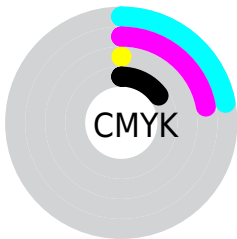
Blue (85%)



Red (67%)

Yellow (66%)

Blue (85%)

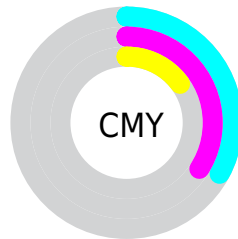


Cyan (22%)

Magenta (22%)

Yellow (0%)

Black (15%)



Cyan (33%)

Magenta (34%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.2899, 41.9317, 71.4577 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 43.2899, 41.9317, 71.4577 by changing the saturation by 10% instead.

■ 43.2899, 41.9317,
71.4577

■ 43.2899, 41.9317,
71.4577

350.7040,
354.1997, 484.5786

■ 30.3081, 29.0478,
52.2317

■ 79.4011, 78.0962,
122.9857

■ 20.2218, 19.1170,
36.8063

103.2613,
102.1457, 156.1248

■ 12.6656, 11.7548,
24.7629

131.4784,
130.6858, 194.7387

■ 7.2741, 6.5770,
15.6831

164.4176,
164.1009, 239.2459

■ 3.6819, 3.1990,
9.1483

202.4445,
202.7755, 290.0649

■ 1.5238, 1.2365,
4.7399

245.9242,

■ 0.3420, 0.0912,

247.0939, 347.6144

2.0394

295.2223,
297.4405, 412.3127

■ 0.0000, 0.0000,
0.5794

■ 0.0000, 0.0000,
0.0000

■ 43.2899, 41.9317,
71.4577

■ 43.2899, 41.9317,
71.4577

■ 35.3551, 32.3382,
70.0249

■ 52.6398, 53.2512,
73.1505

■ 28.7626, 24.3812,
68.8365

■ 63.4647, 66.3703,
75.1122

■ 23.4395, 17.9709,
67.8797

■ 75.8260, 81.3644,
77.3548

■ 19.3042, 13.0068,
67.1395

■ 89.5233, 97.7892,
79.8032

■ 16.2656, 9.3764,
66.5989

■ 89.5245, 97.7898,
79.8033

■ 14.2195, 6.9510,
66.2386

■ 13.0414, 5.5762,
66.0353

■ 12.5811, 5.0390,
65.9559

Harmonies

Analogous

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



38.9047, 41.9317, 73.9514



43.2899, 41.9317, 71.4577



46.9867, 41.9317, 61.5245

Triad

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



43.2899, 41.9317, 71.4577



45.0666, 41.9317, 28.9371



32.0825, 41.9317, 42.9681

Complementary

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



43.2899, 41.9317, 71.4577



60.2945, 67.0903, 47.3097

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.



33.4838, 41.9317, 32.7823



43.2899, 41.9317, 71.4577



40.8203, 41.9317, 25.6932

Square

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



43.2899, 41.9317, 71.4577



48.0637, 41.9317, 36.7413



36.6064, 41.9317, 26.9600



32.6382, 41.9317, 55.9084

Rectangle

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



43.2899, 41.9317, 71.4577



48.4562, 41.9317, 52.8539



36.6064, 41.9317, 26.9600



32.3367, 41.9317, 39.1441

Sweetspot

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



43.2912, 41.9334, 71.4587



83.4771, 85.9697, 106.8018



53.4949, 62.6601, 74.9215



17.6649, 18.1555, 22.8233



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.



43.2912, 41.9334, 71.4587



56.2769, 53.0395, 101.8793



48.9106, 44.8303, 71.7216



12.3636, 12.6300, 16.4383



7.6268, 3.0559, 39.9263



0.5031, 0.2026, 2.5870

Inverse Universe

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



55.1992, 48.0871, 71.3397



76.6507, 63.5691, 101.6332



53.7644, 63.7239, 47.0041



13.6021, 13.2699, 16.4318



24.5582, 11.8243, 38.9149



1.5948, 0.7676, 2.5412

Previews

White Background



This preview shows how the XYZ color 43.2899, 41.9317, 71.4577 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 43.2899, 41.9317, 71.4577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

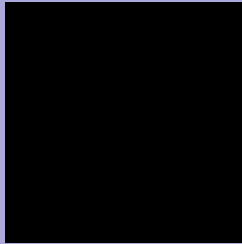
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.2899, 41.9317, 71.4577

Background



This preview shows how black text looks on a background with the XYZ color 43.2899, 41.9317, 71.4577.



This preview shows how white text looks on a background with the XYZ color 43.2899, 41.9317,

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

43.2899, 41.9317, 71.4577

Protanopia

42.0470, 41.8174, 72.8733

Deuteranopia

43.0476, 42.0840, 71.4998



Tritanopia

39.7302, 41.9023, 53.5709

Trichromacy



Original Color

43.2899, 41.9317, 71.4577

Protanomaly

42.3395, 41.7039, 72.1478

Deuteranomaly

43.2613, 42.1942, 71.5098

Tritanomaly

40.9977, 41.8441, 59.9487

Monochromacy



Original Color

43.2899, 41.9317, 71.4577

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.4714, 42.4891, 54.7306

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2899, 41.9317, 71.4577 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(170, 169, 217)` looks like.

```
.text, #text, p{  
    color:rgb(170, 169, 217)  
}
```

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(170, 169, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 169, 217) }
```

Border

The CSS property to change the border of an element to XYZ 43.2899, 41.9317, 71.4577 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(170, 169, 217) }
```


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

```
.border{ border-color:rgb(170, 169, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 169, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 169, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 169, 217);  
box-shadow:4px 4px 4px 4px rgb(170, 169,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2899, 41.9317, 71.4577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 169, 217) }
```

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

```
.background{ background-color: rgb(170,  
169, 217) }
```

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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