

Converting Colors

XYZ(56.8039, 43.0578, 72.1844)

Have a look what the booklet for
XYZ(56.8039, 43.0578, 72.1844)
contains.

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Color

**XYZ(56.9968, 43.1647,
72.3454)**

Conversions

Conversions Part 1

Format	Color
Hex	EA92DB
RGB	234, 146, 219
RGB Percent	92%, 57%, 86%
CMY	0.0823, 0.4274, 0.1412
CMYK	0.00, 0.38, 0.06, 0.08
HSL	310°, 68%, 75%
HSV	310°, 38%, 92%
XYZ	56.9968, 43.1647, 72.3454
YIQ	180.6340, 29.0150, 41.3590

Conversions

Conversions Part 2

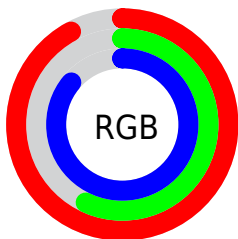
Format	Color
RYB	234, 146, 219
Decimal	15373019
CIELab	71.67, 43.77, -23.37
CIElCh	72, 49.615, 331.897
Yxy	43.1647, 0.3304, 0.2502
Android (android.graphics.Color)	4293563099 (0xFFEA92DB)
YUV	180.6340, 18.9144, 46.8020
Hunter-Lab	65.6998, 39.8799, -19.2973

Details

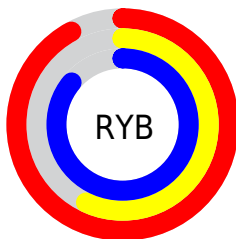
The XYZ color **56.9968, 43.1647, 72.3454** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **47.7118, 67.5313, 44.2412**, and the grayscale version is **43.6150, 45.8864, 49.9703**.

A 20% lighter version of the original color is **80.1766, 70.2533, 103.9422**, and **28.7467, 19.8561, 37.4395** is the 20% darker color. If you saturate the color by 10%, you get **53.2335, 36.4678, 68.5313**, and if you desaturate by 10%, it is **61.5136, 51.3469, 76.4737**.

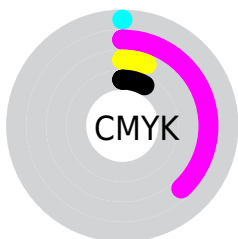
Distribution



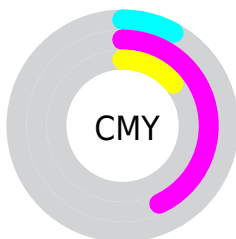
- Red (92%)
- Green (57%)
- Blue (86%)



- Red (92%)
- Yellow (57%)
- Blue (86%)



- Cyan (0%)
- Magenta (38%)
- Yellow (6%)
- Black (8%)





- Cyan (8%)
- Magenta (43%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.9968, 43.1647, 72.3454 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 56.9968, 43.1647, 72.3454 by changing the saturation by 10% instead.


 56.9968, 43.1647,
72.3454


 56.9968, 43.1647,
72.3454


403.4517,
359.2887, 487.7527

 41.2428, 30.0144,
52.9523

 99.5919, 79.9593,
124.2598

 28.6974, 19.8495,
37.3772


 127.1637,
104.3724, 157.6181

 18.9951, 12.2857,
25.2016


159.4055,
133.3086, 196.4686

 11.7707, 6.9386,
16.0070


196.6827,
167.1521, 241.2299

 6.6589, 3.4237,
9.3747

239.3605,
206.2875, 292.3204

 3.2941, 1.3567,
4.8862

287.8044,

 1.3111, 0.1845,

251.0992, 350.1586

2.1231

342.3796,
301.9714, 415.1633

■ 0.1915, 0.0000,
0.6295

■ 0.0000, 0.0000,
0.0000

■ 56.9968, 43.1647,
72.3454

■ 56.9968, 43.1647,
72.3454

■ 53.2335, 36.4678,
68.5313

■ 61.5136, 51.3469,
76.4737

■ 50.1742, 31.1596,
65.0130


■ 66.8214, 61.0917,
80.9277


■ 47.7698, 27.1414,
61.7743


■ 72.9600, 72.4777,
85.7216


■ 45.9631, 24.2989,
58.7956


■ 79.9655, 85.5768,
90.8679


 44.6869, 22.4977,
56.0542


 85.2641, 95.2414,
95.5089

 43.8509, 21.5575,
53.5193

 85.8599, 95.4798,
98.6465

 43.6823, 21.3927,
52.9316

 86.4688, 95.7233,
101.8530

 87.0909, 95.9722,
105.1289

 87.7263, 96.2263,
108.4746

Harmonies

Analogous

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



50.1721, 43.1647, 98.2605



56.9968, 43.1647, 72.3454



59.3907, 43.1647, 45.4833

Triad

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



56.9968, 43.1647, 72.3454



40.4941, 43.1647, 14.2580



28.7791, 43.1647, 75.9415

Complementary

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



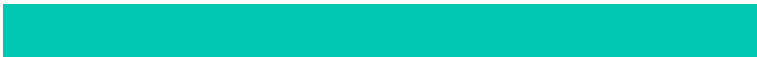
56.9968, 43.1647, 72.3454



47.7118, 67.5313, 44.2412

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.



26.9019, 43.1647, 48.5480



56.9968, 43.1647, 72.3454



33.0663, 43.1647, 17.6386

Square

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



56.9968, 43.1647, 72.3454



49.1198, 43.1647, 16.8533



28.3588, 43.1647, 28.3947



33.8754, 43.1647, 100.7872

Rectangle

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



56.9968, 43.1647, 72.3454



57.9223, 43.1647, 31.7651



28.3588, 43.1647, 28.3947



27.7847, 43.1647, 66.4590

Sweetspot

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



56.9982, 43.1667, 72.3463



85.9850, 83.0867, 102.1275



39.7630, 34.0431, 82.3181



18.1842, 17.3754, 21.6886



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.



56.9982, 43.1667, 72.3463



65.7135, 46.1129, 84.3672



51.9829, 41.1606, 45.9364



15.5982, 15.2671, 18.4352



24.5879, 12.0378, 29.9607



1.9599, 0.9569, 2.5060

Inverse Universe

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



56.9982, 43.1667, 72.3463



65.7135, 46.1129, 84.3672



52.2578, 69.3497, 68.1802



15.5982, 15.2671, 18.4352



24.5879, 12.0378, 29.9607



1.9599, 0.9569, 2.5060

Previews

White Background



This preview shows how the XYZ color 56.9968, 43.1647, 72.3454 looks on a white background.

Color Contrast Check

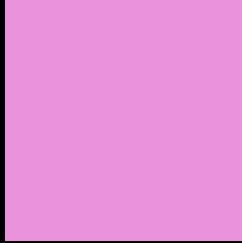
Large Text (above 18pt) WCAG AA × Fail

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 56.9968, 43.1647, 72.3454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

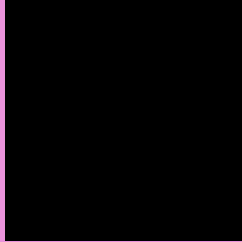
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.9968, 43.1647, 72.3454

Background



This preview shows how black text looks on a background with the XYZ color 56.9968, 43.1647, 72.3454.



This preview shows how white text looks on a background with the XYZ color 56.9968, 43.1647,

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

56.9968, 43.1647, 72.3454

Protanopia

44.6207, 43.6722, 87.7392

Deuteranopia

44.3457, 43.3588, 69.6501



Tritanopia

50.9513, 43.0981, 42.6791

Trichromacy



Original Color

56.9968, 43.1647, 72.3454



Protanomaly

47.8485, 42.6914, 82.0623



Deuteranomaly

48.2568, 42.8880, 70.7006



Tritanomaly

52.8310, 42.8673, 52.5034

Monochromacy



Original Color

56.9968, 43.1647, 72.3454



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

47.6724, 44.2248, 57.6534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9968, 43.1647, 72.3454 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(234, 146, 219)` looks like.

```
.text, #text, p{  
    color:rgb(234, 146, 219)  
}
```

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(234, 146, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 146, 219) }
```

Border

The CSS property to change the border of an element to XYZ 56.9968, 43.1647, 72.3454 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(234, 146, 219) }
```


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

```
.border{ border-color:rgb(234, 146, 219) }
```

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

Here you see how a box with a 4 pixel rgb(234, 146, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 146, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 146, 219);  
box-shadow:4px 4px 4px 4px rgb(234, 146,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9968, 43.1647, 72.3454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 146, 219) }
```

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

```
.background{ background-color: rgb(234,  
146, 219) }
```

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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