

Converting Colors

XYZ(56.3315, 44.0368, 71.0171)

Have a look what the booklet for
XYZ(56.3315, 44.0368, 71.0171)
contains.

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Color

**XYZ(56.2241, 43.9660,
71.1686)**

Conversions

Conversions Part 1

Format	Color
Hex	E697D9
RGB	230, 151, 217
RGB Percent	90%, 59%, 85%
CMY	0.0980, 0.4078, 0.1490
CMYK	0.00, 0.34, 0.06, 0.10
HSL	310°, 61%, 75%
HSV	310°, 34%, 90%
XYZ	56.2241, 43.9660, 71.1686
YIQ	182.1450, 25.8980, 37.2740

Conversions

Conversions Part 2

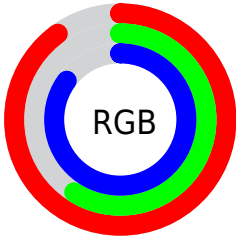
Format	Color
R_{YB}	230, 151, 217
Decimal	15112153
CIE _{Lab}	72.21, 39.53, -21.49
CIE _{LCh}	72, 44.992, 331.468
Yxy	43.9660, 0.3281, 0.2566
Android (android.graphics.Color)	4293302233 (0xFFE697D9)
YUV	182.1450, 17.1835, 41.9688
Hunter-Lab	66.3069, 35.3199, -17.2224

Details

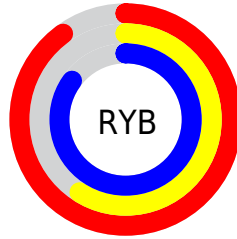
The XYZ color **56.2241, 43.9660, 71.1686** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **47.7620, 65.8546, 45.3185**, and the grayscale version is **44.4431, 46.7576, 50.9190**.

A 20% lighter version of the original color is **81.3613, 72.6226, 104.3371**, and **28.1229, 20.2282, 36.6046** is the 20% darker color. If you saturate the color by 10%, you get **52.3910, 37.0780, 67.4900**, and if you desaturate by 10%, it is **60.7933, 52.3065, 75.1492**.

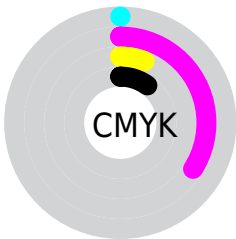
Distribution



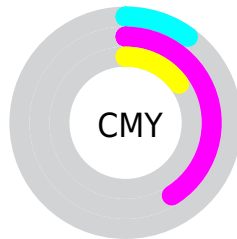
- Red (90%)
- Green (59%)
- Blue (85%)



- Red (90%)
- Yellow (59%)
- Blue (85%)



- Cyan (0%)
- Magenta (34%)
- Yellow (6%)
- Black (10%)





- Cyan (10%)
- Magenta (41%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.2241, 43.9660, 71.1686 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 56.2241, 43.9660, 71.1686 by changing the saturation by 10% instead.

 56.2241, 43.9660,
71.1686

 56.2241, 43.9660,
71.1686


400.5968,
362.5695, 483.5421

 40.6203, 30.6438,
51.9971


 98.4701, 81.1666,
122.5705

 28.2089, 20.3277,
36.6206


 125.8430,
105.8137, 155.6379

 18.6244, 12.6335,
24.6204


157.8697,
135.0046, 194.1744

 11.5016, 7.1767,
15.5780

194.9154,
169.1237, 238.5986

 6.4751, 3.5728,
9.0749

237.3457,
208.5553, 289.3289

 3.1794, 1.4376,
4.6926

285.5258,

 1.2493, 0.2442,

253.6839, 346.7839

2.0125

339.8210,
304.8939, 411.3821

■ 0.1448, 0.0000,
0.5629

■ 0.0000, 0.0000,
0.0000

■ 56.2241, 43.9660,
71.1686

■ 56.2241, 43.9660,
71.1686

■ 52.3910, 37.0780,
67.4900

■ 60.7933, 52.3065,
75.1492

■ 49.2476, 31.5522,
64.0961

■ 66.1332, 62.1712,
79.4424

■ 46.7487, 27.2976,
60.9721

■ 72.2813, 73.6339,
84.0614

■ 44.8419, 24.2093,
58.1000

■ 79.2714, 86.7622,
89.0179

43.4662, 22.1659,
55.4593

83.5231, 94.3950,
93.1187

42.5477, 21.0192,
53.0247

84.0788, 94.6173,
96.0450

42.1645, 20.6356,
51.7172

84.6462, 94.8443,
99.0331

85.2255, 95.0760,
102.0833

85.8166, 95.3124,
105.1960

Harmonies

Analogous

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



50.0211, 43.9660, 94.0242



56.2241, 43.9660, 71.1686



58.4426, 43.9660, 46.7913

Triad

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



56.2241, 43.9660, 71.1686



41.4095, 43.9660, 16.7209



30.3689, 43.9660, 73.6527

Complementary

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



56.2241, 43.9660, 71.1686



47.7620, 65.8546, 45.3185

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.



28.6430, 43.9660, 48.9682



56.2241, 43.9660, 71.1686



34.5125, 43.9660, 20.0077

Square

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



56.2241, 43.9660, 71.1686



49.2826, 43.9660, 19.4054



30.0628, 43.9660, 30.3100



35.0952, 43.9660, 95.7416

Rectangle

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



56.2241, 43.9660, 71.1686



57.1709, 43.9660, 33.9447



30.0628, 43.9660, 30.3100



29.4468, 43.9660, 65.1656

Sweetspot

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



56.2255, 43.9680, 71.1695



86.7795, 84.5284, 102.8463



40.4251, 35.6195, 79.6083



18.3438, 17.6633, 21.8386



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.



56.2255, 43.9680, 71.1695



67.6207, 49.3776, 86.6974



51.8027, 42.1989, 47.8795



14.8879, 14.5723, 17.6100



23.9098, 11.6981, 29.4837



1.7941, 0.8754, 2.3223

Inverse Universe

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



56.2255, 43.9680, 71.1695



67.6207, 49.3776, 86.6974



51.7631, 67.4551, 66.3882



14.8879, 14.5723, 17.6100



23.9098, 11.6981, 29.4837



1.7941, 0.8754, 2.3223

Previews

White Background



This preview shows how the XYZ color 56.2241, 43.9660, 71.1686 looks on a white background.

Color Contrast Check

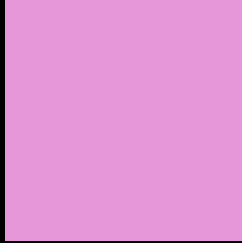
Large Text (above 18pt) WCAG AA × Fail

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 56.2241, 43.9660, 71.1686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

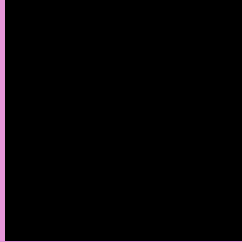
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.2241, 43.9660, 71.1686

Background



This preview shows how black text looks on a background with the XYZ color 56.2241, 43.9660, 71.1686.



This preview shows how white text looks on a background with the XYZ color 56.2241, 43.9660,

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

56.2241, 43.9660, 71.1686

Protanopia

44.8792, 44.1775, 84.0036

Deuteranopia

45.0853, 44.0383, 69.0748



Tritanopia

50.7577, 43.9675, 44.8411

Trichromacy



Original Color

56.2241, 43.9660, 71.1686



Protanomaly

47.8895, 43.3130, 79.2350



Deuteranomaly

48.3577, 43.5011, 69.4661



Tritanomaly

52.4981, 43.9135, 53.2862

Monochromacy



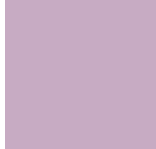
Original Color

56.2241, 43.9660, 71.1686



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

47.9664, 45.2081, 57.8277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2241, 43.9660, 71.1686 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(230, 151, 217)` looks like.

```
.text, #text, p{  
    color:rgb(230, 151, 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(230, 151, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 151, 217) }
```

Border

The CSS property to change the border of an element to XYZ 56.2241, 43.9660, 71.1686 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(230, 151, 217) }
```


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

```
.border{ border-color:rgb(230, 151, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 151, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 151, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 151, 217);  
box-shadow:4px 4px 4px 4px rgb(230, 151,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2241, 43.9660, 71.1686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 151, 217) }
```

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

```
.background{ background-color: rgb(230,  
151, 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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