

Converting Colors

XYZ(55.9770, 42.2767, 73.5755)

Have a look what the booklet for
XYZ(55.9770, 42.2767, 73.5755)
contains.

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Color

**XYZ(56.1315, 42.4602,
73.6438)**

Conversions

Conversions Part 1

Format	Color
Hex	E791DD
RGB	231, 145, 221
RGB Percent	91%, 57%, 87%
CMY	0.0941, 0.4314, 0.1333
CMYK	0.00, 0.37, 0.04, 0.09
HSL	307°, 64%, 74%
HSV	307°, 37%, 91%
XYZ	56.1315, 42.4602, 73.6438
YIQ	179.3780, 26.8600, 41.8680

Conversions

Conversions Part 2

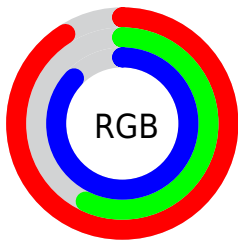
Format	Color
RYB	231, 145, 221
Decimal	15176157
CIELab	71.19, 43.69, -25.24
CIELCh	71, 50.453, 329.987
Yxy	42.4602, 0.3259, 0.2465
Android (android.graphics.Color)	4293366237 (0xFFE791DD)
YUV	179.3780, 20.5196, 45.2725
Hunter-Lab	65.1615, 39.7311, -21.3950

Details

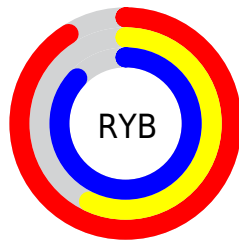
The XYZ color **56.1315, 42.4602, 73.6438** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **46.1711, 65.5394, 41.2298**, and the grayscale version is **42.9345, 45.1704, 49.1905**.

A 20% lighter version of the original color is **79.9443, 69.7886, 103.8648**, and **28.1656, 19.4061, 38.3377** is the 20% darker color. If you saturate the color by 10%, you get **52.5994, 35.9634, 70.7150**, and if you desaturate by 10%, it is **60.3896, 50.3983, 76.8437**.

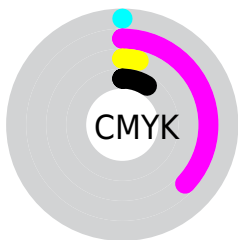
Distribution



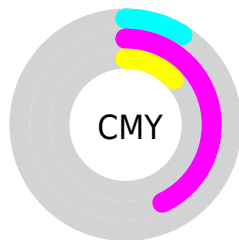
- Red (91%)
- Green (57%)
- Blue (87%)



- Red (91%)
- Yellow (57%)
- Blue (87%)



- Cyan (0%)
- Magenta (37%)
- Yellow (4%)
- Black (9%)



- Cyan (9%)
- Magenta (43%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.1315, 42.4602, 73.6438 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 56.1315, 42.4602, 73.6438 by changing the saturation by 10% instead.

56.1315, 42.4602,
73.6438

56.1315, 42.4602,
73.6438

400.2539,
356.3871, 492.3736

40.5458, 29.4618,
54.0075

98.3355, 78.8956,
126.1201

28.1504, 19.4304,
38.2145

125.6845,
103.1015, 159.7972

18.5801, 11.9817,
25.8461

157.6853,
131.8119, 198.9917

11.4695, 6.7312,
16.4838

194.7033,
165.4114, 244.1221

6.4532, 3.2946,
9.7091

237.1038,
204.2842, 295.6070

3.1658, 1.2874,
5.1034

285.2521,

1.2420, 0.1314,

248.8149, 353.8648

2.2483

339.5137,
299.3877, 419.3142

■ 0.1392, 0.0000,
0.7020

■ 0.0000, 0.0000,
0.0000

■ 56.1315, 42.4602,
73.6438

■ 56.1315, 42.4602,
73.6438

■ 52.5994, 35.9634,
70.7150

■ 60.3896, 50.3983,
76.8437

■ 49.7454, 30.8146,
68.0400

■ 65.4098, 59.8520,
80.3255

■ 47.5224, 26.9186,
65.6033

■ 71.2306, 70.8977,
84.1028

■ 45.8753, 24.1654,
63.3865

■ 77.8866, 83.6046,
88.1871

44.7395, 22.4257,
61.3678

83.6288, 94.4745,
91.9955

44.0302, 21.5303,
59.5189

84.0187, 94.6305,
94.0487

43.8710, 21.3554,
59.0236

84.4145, 94.7888,
96.1330

84.8162, 94.9495,
98.2483

85.2239, 95.1125,
100.3949

Harmonies

Analogous

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



49.0385, 42.4602, 99.4078



56.1315, 42.4602, 73.6438



58.8911, 42.4602, 46.2421

Triad

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



56.1315, 42.4602, 73.6438



40.3607, 42.4602, 13.5572



27.8524, 42.4602, 73.6197

Complementary

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



56.1315, 42.4602, 73.6438



46.1711, 65.5394, 41.2298

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.



26.1875, 42.4602, 46.2217



56.1315, 42.4602, 73.6438



32.7661, 42.4602, 16.4979

Square

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



56.1315, 42.4602, 73.6438



49.0455, 42.4602, 16.5030



27.8552, 42.4602, 26.6380



32.7607, 42.4602, 99.3908

Rectangle

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



56.1315, 42.4602, 73.6438



57.6405, 42.4602, 32.0759



27.8552, 42.4602, 26.6380



26.9282, 42.4602, 64.0389

Sweetspot

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



56.1329, 42.4621, 73.6447



86.2246, 83.1825, 103.3893



37.8016, 32.8534, 79.9511



18.2417, 17.3984, 21.9911



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.



56.1329, 42.4621, 73.6447



66.6300, 46.4795, 89.1934



51.2592, 40.5126, 47.9803



14.9191, 14.5848, 17.7746



24.6245, 11.9840, 33.2470



1.8402, 0.8938, 2.5652

Inverse Universe

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



56.1329, 42.4621, 73.6447



66.6300, 46.4795, 89.1934



50.2868, 67.1857, 62.9028



14.9191, 14.5848, 17.7746



24.6245, 11.9840, 33.2470



1.8402, 0.8938, 2.5652

Previews

White Background



This preview shows how the XYZ color 56.1315, 42.4602, 73.6438 looks on a white background.

Color Contrast Check

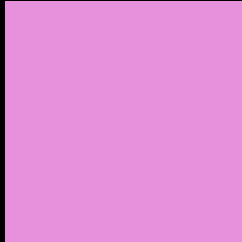
Large Text (above 18pt) WCAG AA × Fail

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 56.1315, 42.4602, 73.6438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

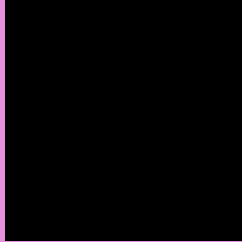
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.1315, 42.4602, 73.6438

Background



This preview shows how black text looks on a background with the XYZ color 56.1315, 42.4602, 73.6438.



This preview shows how white text looks on a background with the XYZ color 56.1315, 42.4602,

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

56.1315, 42.4602, 73.6438

Protanopia

43.9561, 42.7259, 89.1493

Deuteranopia

43.5351, 42.6297, 70.8996



Tritanopia

49.6968, 42.4514, 42.6204

Trichromacy



Original Color

56.1315, 42.4602, 73.6438



Protanomaly

47.0630, 41.7263, 83.4154



Deuteranomaly

47.3134, 42.1091, 71.9638



Tritanomaly

51.8764, 42.3752, 52.4588

Monochromacy



Original Color

56.1315, 42.4602, 73.6438



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

46.8450, 43.5382, 56.9737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1315, 42.4602, 73.6438 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(231, 145, 221)` looks like.

```
.text, #text, p{  
    color:rgb(231, 145, 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(231, 145, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 145, 221) }
```

Border

The CSS property to change the border of an element to XYZ 56.1315, 42.4602, 73.6438 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(231, 145, 221) }
```


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

```
.border{ border-color:rgb(231, 145, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 145, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 145, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 145, 221);  
box-shadow:4px 4px 4px 4px rgb(231, 145,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1315, 42.4602, 73.6438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 145, 221) }
```

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

```
.background{ background-color: rgb(231,  
145, 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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