

Converting Colors

XYZ(57.0488, 42.4169, 69.9138)

Have a look what the booklet for
XYZ(57.0488, 42.4169, 69.9138)
contains.

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Color

**XYZ(56.9927, 42.3084,
70.1282)**

Conversions

Conversions Part 1

Format	Color
Hex	ED8ED8
RGB	237, 142, 216
RGB Percent	93%, 56%, 85%
CMY	0.0706, 0.4431, 0.1529
CMYK	0.00, 0.40, 0.09, 0.07
HSL	313°, 73%, 74%
HSV	313°, 40%, 93%
XYZ	56.9927, 42.3084, 70.1282
YIQ	178.8410, 32.8660, 43.1540

Conversions

Conversions Part 2

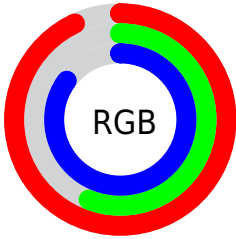
Format	Color
RYB	237, 142, 216
Decimal	15568600
CIELab	71.08, 46.27, -22.58
CIELCh	71, 51.485, 333.992
Yxy	42.3084, 0.3364, 0.2497
Android (android.graphics.Color)	4293758680 (0xFFED8ED8)
YUV	178.8410, 18.3194, 51.0054
Hunter-Lab	65.0449, 42.5741, -18.3921

Details

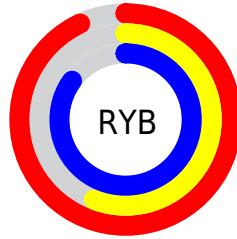
The XYZ color **56.9927, 42.3084, 70.1282** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **48.0522, 68.9648, 45.4321**, and the grayscale version is **42.6577, 44.8792, 48.8734**.

A 20% lighter version of the original color is **79.2563, 68.4125, 103.6354**, and **28.5958, 19.3017, 35.9366** is the 20% darker color. If you saturate the color by 10%, you get **53.1679, 35.7249, 65.5647**, and if you desaturate by 10%, it is **61.5914, 50.4036, 75.0571**.

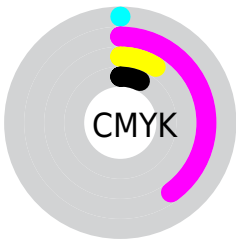
Distribution



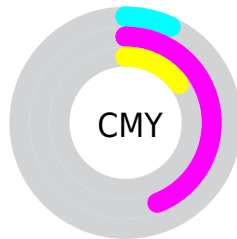
- Red (93%)
- Green (56%)
- Blue (85%)



- Red (93%)
- Yellow (56%)
- Blue (85%)



- Cyan (0%)
- Magenta (40%)
- Yellow (9%)
- Black (7%)





- Cyan (7%)
- Magenta (44%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.9927, 42.3084, 70.1282 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 56.9927, 42.3084, 70.1282 by changing the saturation by 10% instead.


 56.9927, 42.3084,
70.1282


 56.9927, 42.3084,
70.1282


403.4366,
355.7598, 479.8013

 41.2395, 29.3429,
51.1536

 99.5860, 78.6662,
121.0744

 28.6948, 19.3403,
35.9533


 127.1567,
102.8272, 153.8831

 18.9932, 11.9165,
24.1087


159.3974,
131.4888, 192.1402

 11.7693, 6.6868,
15.2013

196.6733,
165.0354, 236.2643

 6.6579, 3.2670,
8.8126

239.3498,
203.8514, 286.6739

 3.2935, 1.2727,
4.5240

287.7923,

 1.3108, 0.1199,

248.3212, 343.7876

1.9170

342.3661,
298.8292, 408.0239

■ 0.1913, 0.0000,
0.5035

■ 0.0000, 0.0000,
0.0000

■ 56.9927, 42.3084,
70.1282

■ 56.9927, 42.3084,
70.1282

■ 53.1679, 35.7249,
65.5647

■ 61.5914, 50.4036,
75.0571

■ 50.0648, 30.5513,
61.3469

■ 67.0038, 60.0922,
80.3643


■ 47.6311, 26.6825,
57.4569


■ 73.2719, 71.4568,
86.0653


■ 45.8054, 23.9963,
53.8731


■ 80.4334, 84.5729,
92.1735

 44.5148, 22.3469,
50.5703

 86.7421, 95.9474,
98.1077

 43.6410, 21.4910,
47.5303

 87.5414, 96.2671,
102.3168

 88.3634, 96.5959,
106.6456

 88.7354, 96.7447,
108.6045

Harmonies

Analogous

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



50.1914, 42.3084, 97.5876



56.9927, 42.3084, 70.1282



59.0814, 42.3084, 42.8459

Triad

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



56.9927, 42.3084, 70.1282



39.0720, 42.3084, 13.1196



27.9945, 42.3084, 77.9645

Complementary

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



56.9927, 42.3084, 70.1282



48.0522, 68.9648, 45.4321

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.



25.8616, 42.3084, 49.4449



56.9927, 42.3084, 70.1282



31.6531, 42.3084, 16.8875

Square

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



56.9927, 42.3084, 70.1282



47.9139, 42.3084, 15.2535



27.0994, 42.3084, 28.2543



33.3846, 42.3084, 103.1307

Rectangle

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



56.9927, 42.3084, 70.1282



57.3038, 42.3084, 29.3596



27.0994, 42.3084, 28.2543



26.9107, 42.3084, 68.1468

Sweetspot

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



56.9940, 42.3103, 70.1291



84.9831, 81.5785, 100.2656



39.9801, 33.2053, 84.4236



17.9752, 17.0710, 21.2689



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.



56.9940, 42.3103, 70.1291



63.5683, 43.5239, 78.4067



51.7533, 40.2140, 42.5317



15.5640, 15.2534, 18.2553



23.8774, 11.7537, 26.2196



1.9101, 0.9370, 2.2437

Inverse Universe

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



56.9940, 42.3103, 70.1291



63.5683, 43.5239, 78.4067



53.0843, 70.9777, 71.9310



15.5640, 15.2534, 18.2553



23.8774, 11.7537, 26.2196



1.9101, 0.9370, 2.2437

Previews

White Background



This preview shows how the XYZ color 56.9927, 42.3084, 70.1282 looks on a white background.

Color Contrast Check

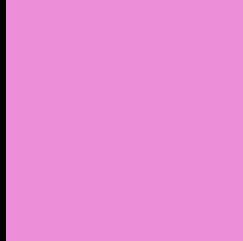
Large Text (above 18pt) WCAG AA × Fail

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 56.9927, 42.3084, 70.1282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

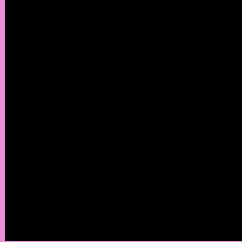
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.9927, 42.3084, 70.1282

Background



This preview shows how black text looks on a background with the XYZ color 56.9927, 42.3084, 70.1282.



This preview shows how white text looks on a background with the XYZ color 56.9927, 42.3084,

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

56.9927, 42.3084, 70.1282

Protanopia

43.7027, 42.6467, 86.8172

Deuteranopia

43.5544, 42.7132, 67.5769



Tritanopia

51.0471, 42.4517, 40.6255

Trichromacy



Original Color

56.9927, 42.3084, 70.1282



Protanomaly

47.0354, 41.5172, 80.3975



Deuteranomaly

47.3460, 41.6815, 68.5007



Tritanomaly

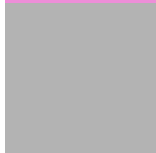
52.8990, 42.2374, 50.1643

Monochromacy



Original Color

56.9927, 42.3084, 70.1282



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

46.9701, 43.3576, 55.7624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9927, 42.3084, 70.1282 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(237, 142, 216)` looks like.

```
.text, #text, p{  
    color:rgb(237, 142, 216)  
}
```

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(237, 142, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 142, 216) }
```

Border

The CSS property to change the border of an element to XYZ 56.9927, 42.3084, 70.1282 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(237, 142, 216) }
```


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

```
.border{ border-color:rgb(237, 142, 216) }
```

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

Here you see how a box with a 4 pixel rgb(237, 142, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 142, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 142, 216);  
box-shadow:4px 4px 4px 4px rgb(237, 142,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9927, 42.3084, 70.1282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 142, 216) }
```

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

```
.background{ background-color: rgb(237,  
142, 216) }
```

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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