

Converting Colors

XYZ(56.8797, 47.0870, 54.8343)

Have a look what the booklet for
XYZ(56.8797, 47.0870, 54.8343)
contains.

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Color

**XYZ(56.9642, 47.2120,
54.8257)**

Conversions

Conversions Part 1

Format	Color
Hex	EDA1BE
RGB	237, 161, 190
RGB Percent	93%, 63%, 75%
CMY	0.0706, 0.3686, 0.2549
CMYK	0.00, 0.32, 0.20, 0.07
HSL	337°, 68%, 78%
HSV	337°, 32%, 93%
XYZ	56.9642, 47.2120, 54.8257
YIQ	187.0300, 35.9870, 25.1310

Conversions

Conversions Part 2

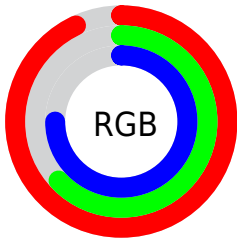
Format	Color
R _Y B	237, 161, 190
Decimal	15573438
CIE Lab	74.33, 32.23, -3.38
CIE LCh	74, 32.403, 354.013
Yxy	47.2120, 0.3583, 0.2969
Android (android.graphics.Color)	4293763518 (0xFFEDA1BE)
YUV	187.0300, 1.4642, 43.8237
Hunter-Lab	68.7110, 27.7395, 0.7892

Details

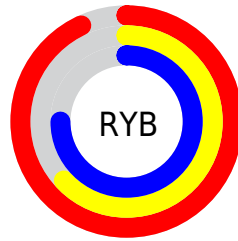
The XYZ color **56.9642, 47.2120, 54.8257** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **56.3693, 72.7007, 70.7397**, and the grayscale version is **47.2300, 49.6896, 54.1120**.

A 20% lighter version of the original color is **82.4304, 77.0256, 97.7116**, and **28.7003, 22.2346, 26.4459** is the 20% darker color. If you saturate the color by 10%, you get **51.6861, 39.0917, 45.5559**, and if you desaturate by 10%, it is **63.1910, 56.9710, 65.2077**.

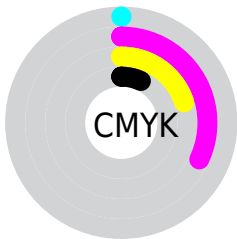
Distribution



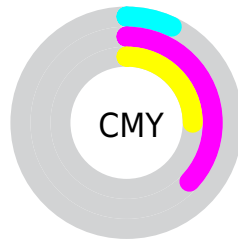
- Red (93%)
- Green (63%)
- Blue (75%)



- Red (93%)
- Yellow (63%)
- Blue (75%)



- Cyan (0%)
- Magenta (32%)
- Yellow (20%)
- Black (7%)





- Cyan (7%)
- Magenta (37%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.9642, 47.2120, 54.8257 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 56.9642, 47.2120, 54.8257 by changing the saturation by 10% instead.


 56.9642, 47.2120,
54.8257


 56.9642, 47.2120,
54.8257

403.3315,
375.6601, 422.5142

 41.2165, 33.2033,
38.8645

 99.5446, 86.0300,
98.7541

 28.6767, 22.2822,
26.3473


 127.1081,
111.6080, 127.5585

 18.9795, 14.0644,
16.8556


159.3408,
141.8113, 161.4809

 11.7594, 8.1655,
9.9707

196.6082,
177.0243, 200.9401

 6.6511, 4.2010,
5.2742

239.2756,
217.6312, 246.3544

 3.2892, 1.7866,
2.3475

287.7084,

 1.3085, 0.4788,

264.0166, 298.1425

0.7576

342.2719,
316.5647, 356.7229

■ 0.1896, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.9642, 47.2120,
54.8257

■ 56.9642, 47.2120,
54.8257

■ 51.6861, 39.0917,
45.5559

■ 63.1910, 56.9710,
65.2077

■ 47.3036, 32.5127,
37.3557

■ 70.4081, 68.4458,
76.7367

■ 43.7640, 27.3773,
30.1835

■ 78.6592, 81.7166,
89.4491

■ 41.0074, 23.5739,
23.9937

■ 87.7266, 96.3412,
103.2931

■ 38.9653, 20.9743,
18.7362

■ 88.7353, 96.7446,
108.6045

■ 37.5559, 19.4242,
14.3548

■ 36.7889, 18.7501,
11.4483

Harmonies

Analogous

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



54.5635, 47.2120, 72.6594



56.9642, 47.2120, 54.8257



55.9056, 47.2120, 39.4225

Triad

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



56.9642, 47.2120, 54.8257



40.4669, 47.2120, 27.3134



38.6069, 47.2120, 81.9858

Complementary

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



56.9642, 47.2120, 54.8257



56.3693, 72.7007, 70.7397

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.



35.3976, 47.2120, 65.6005



56.9642, 47.2120, 54.8257



36.4047, 47.2120, 34.7626

Square

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



56.9642, 47.2120, 54.8257



46.0523, 47.2120, 25.6417



34.6276, 47.2120, 48.1312



43.7151, 47.2120, 90.3772

Rectangle

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



56.9642, 47.2120, 54.8257



53.4232, 47.2120, 32.1787



34.6276, 47.2120, 48.1312



37.2886, 47.2120, 77.0793

Sweetspot

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



56.9655, 47.2142, 54.8267



85.0118, 83.8213, 93.5376



54.0078, 44.9972, 85.9600



17.9156, 17.4919, 19.5833



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.



56.9655, 47.2142, 54.8267



63.3423, 49.6912, 57.9250



55.7095, 49.2795, 40.2967



15.3033, 15.1492, 16.8823



20.1444, 10.2604, 6.5617



1.6274, 0.8239, 0.7554

Inverse Universe

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



56.9655, 47.2142, 54.8267



63.3423, 49.6912, 57.9250



57.7657, 69.2530, 90.4438



15.3033, 15.1492, 16.8823



20.1444, 10.2604, 6.5617



1.6274, 0.8239, 0.7554

Previews

White Background



This preview shows how the XYZ color 56.9642, 47.2120, 54.8257 looks on a white background.

Color Contrast Check

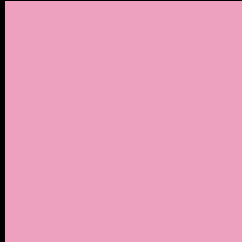
Large Text (above 18pt) WCAG AA × Fail

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 56.9642, 47.2120, 54.8257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

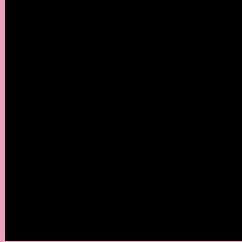
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.9642, 47.2120, 54.8257

Background



This preview shows how black text looks on a background with the XYZ color 56.9642, 47.2120, 54.8257.



This preview shows how white text looks on a background with the XYZ color 56.9642, 47.2120,

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

56.9642, 47.2120, 54.8257

Protanopia

46.5635, 47.5915, 63.2318

Deuteranopia

48.2450, 47.1743, 53.5765



Tritanopia

55.1946, 46.9911, 47.2354

Trichromacy



Original Color

56.9642, 47.2120, 54.8257



Protanomaly

49.4165, 46.7668, 59.8485



Deuteranomaly

51.0806, 46.9028, 53.9379



Tritanomaly

55.8529, 47.0097, 49.8461

Monochromacy



Original Color

56.9642, 47.2120, 54.8257



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

50.1743, 48.4508, 54.2844

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9642, 47.2120, 54.8257 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, 161, 190)` looks like.

```
.text, #text, p{  
    color:rgb(237, 161, 190)  
}
```

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, 161, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 161, 190) }
```

Border

The CSS property to change the border of an element to XYZ 56.9642, 47.2120, 54.8257 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, 161, 190) }
```


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

```
.border{ border-color:rgb(237, 161, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 161, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 161, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 161, 190);  
box-shadow:4px 4px 4px 4px rgb(237, 161,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9642, 47.2120, 54.8257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 161, 190) }
```

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

```
.background{ background-color: rgb(237,  
161, 190) }
```

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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