

Converting Colors

XYZ(56.7762, 41.8895, 44.6282)

Have a look what the booklet for
XYZ(56.7762, 41.8895, 44.6282)
contains.

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Color

**XYZ(56.7762, 41.8895,
44.6282)**

Conversions

Conversions Part 1

Format	Color
Hex	FC8AAD
RGB	252, 138, 173
RGB Percent	99%, 54%, 68%
CMY	0.0118, 0.4588, 0.3216
CMYK	0.00, 0.45, 0.31, 0.01
HSL	342°, 95%, 76%
HSV	342°, 45%, 99%
XYZ	56.7762, 41.8895, 44.6282
YIQ	176.0760, 56.7090, 35.0530

Conversions

Conversions Part 2

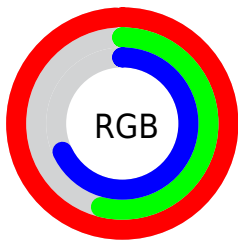
Format	Color
RYB	252, 138, 173
Decimal	16550573
CIELab	70.79, 46.98, 1.08
CIElCh	71, 46.992, 1.320
Yxy	41.8895, 0.3962, 0.2923
Android (android.graphics.Color)	4294740653 (0xFFFC8AAD)
YUV	176.0760, -1.5165, 66.5853
Hunter-Lab	64.7221, 43.3220, 4.4229

Details

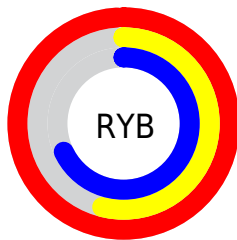
The XYZ color **56.7762, 41.8895, 44.6282** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **57.8180, 80.0349, 78.0508**, and the grayscale version is **41.2946, 43.4451, 47.3117**.

A 20% lighter version of the original color is **74.5354, 65.4450, 82.1025**, and **28.6920, 19.2149, 20.2858** is the 20% darker color. If you saturate the color by 10%, you get **51.9902, 34.8473, 35.2333**, and if you desaturate by 10%, it is **62.6241, 50.7015, 55.4678**.

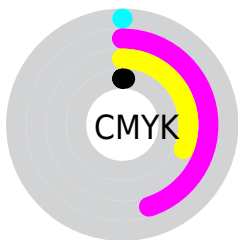
Distribution



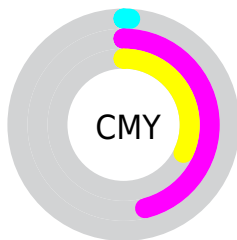
- Red (99%)
- Green (54%)
- Blue (68%)



- Red (99%)
- Yellow (54%)
- Blue (68%)



- Cyan (0%)
- Magenta (45%)
- Yellow (31%)
- Black (1%)





- Cyan (1%)
- Magenta (46%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.7762, 41.8895, 44.6282 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 56.7762, 41.8895, 44.6282 by changing the saturation by 10% instead.


 56.7762, 41.8895,
44.6282


 56.7762, 41.8895,
44.6282


402.6379,
354.0247, 381.3818

 41.0650, 29.0148,
30.8239

 99.2718, 78.0324,
83.4747

 28.5578, 19.0920,
20.2074


 126.7869,
102.0693, 109.3540

 18.8891, 11.7368,
12.3603


 158.9675,
130.5957, 140.0953

 11.6937, 6.5647,
6.8641

196.1787,
163.9961, 176.1173

 6.6062, 3.1914,
3.3001

238.7860,
202.6548, 217.8383

 3.2612, 1.2325,
1.2498

287.1547,

 1.2933, 0.0880,

246.9562, 265.6771

0.0201

341.6503,
297.2847, 320.0521

■ 0.1782, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.7762, 41.8895,
44.6282

■ 56.7762, 41.8895,
44.6282

■ 51.9902, 34.8473,
35.2333

■ 62.6241, 50.7015,
55.4678

■ 48.1952, 29.4476,
27.2162

■ 69.5917, 61.3866,
67.8096

■ 45.3171, 25.5560,
20.5080

■ 77.7365, 74.0476,
81.7111

■ 43.2685, 23.0137,
15.0317

■ 87.1111, 88.7779,
97.2255

■ 41.9434, 21.6254,
10.7002

93.9550, 99.4355,
108.8488

■ 41.4973, 21.2364,
8.9999

Harmonies

Analogous

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



54.4808, 41.8895, 69.4957



56.7762, 41.8895, 44.6282



54.0561, 41.8895, 26.7228

Triad

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



56.7762, 41.8895, 44.6282



32.5141, 41.8895, 17.8704



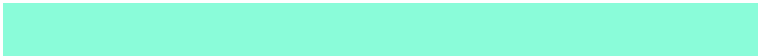
33.0397, 41.8895, 94.6453

Complementary

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



56.7762, 41.8895, 44.6282



57.8180, 80.0349, 78.0508

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.



28.3239, 41.8895, 71.7898



56.7762, 41.8895, 44.6282



28.0495, 41.8895, 27.9409

Square

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



56.7762, 41.8895, 44.6282



39.4702, 41.8895, 14.7285



26.6202, 41.8895, 46.6072



40.1612, 41.8895, 103.4637

Rectangle

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



56.7762, 41.8895, 44.6282



49.9466, 41.8895, 19.6186



26.6202, 41.8895, 46.6072



31.1549, 41.8895, 88.0475

Sweetspot

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



56.7774, 41.8916, 44.6290



80.9692, 77.8075, 85.8048



54.9502, 39.7913, 96.8800



16.9144, 16.0031, 17.6668



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.



56.7774, 41.8916, 44.6290



53.9440, 36.5757, 37.2782



57.1148, 47.2945, 30.1658



17.4640, 17.3130, 19.0331



21.6738, 11.0852, 4.9907



2.0525, 1.0448, 0.7001

Inverse Universe

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



56.7774, 41.8916, 44.6290



53.9440, 36.5757, 37.2782



56.6574, 69.6408, 102.5516



17.4640, 17.3130, 19.0331



21.6738, 11.0852, 4.9907



2.0525, 1.0448, 0.7001

Previews

White Background



This preview shows how the XYZ color 56.7762, 41.8895, 44.6282 looks on a white background.

Color Contrast Check

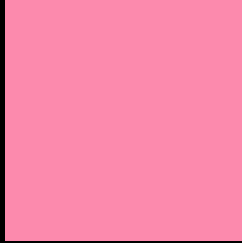
Large Text (above 18pt) WCAG AA × Fail

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 56.7762, 41.8895, 44.6282 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 56.7762, 41.8895, 44.6282

Background



This preview shows how black text looks on a background with the XYZ color 56.7762, 41.8895, 44.6282.



This preview shows how white text looks on a background with the XYZ color 56.7762, 41.8895,

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

56.7762, 41.8895, 44.6282

Protanopia

41.2847, 42.0580, 56.9810

Deuteranopia

43.0628, 42.1699, 42.9157



Tritanopia

54.7648, 41.9370, 34.9140

Trichromacy



Original Color

56.7762, 41.8895, 44.6282



Protanomaly

45.2531, 40.9661, 51.9765



Deuteranomaly

47.0442, 41.3124, 43.5248



Tritanomaly

55.6537, 42.0970, 38.4500

Monochromacy



Original Color

56.7762, 41.8895, 44.6282



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

45.5600, 41.7732, 46.2192

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7762, 41.8895, 44.6282 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(252, 138, 173)` looks like.

```
.text, #text, p{  
    color:rgb(252, 138, 173)  
}
```

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(252, 138, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 138, 173) }
```

Border

The CSS property to change the border of an element to XYZ 56.7762, 41.8895, 44.6282 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(252, 138, 173) }
```


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

```
.border{ border-color:rgb(252, 138, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 138, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 138, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 138, 173);  
box-shadow:4px 4px 4px 4px rgb(252, 138,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7762, 41.8895, 44.6282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 138, 173) }
```

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

```
.background{ background-color: rgb(252,  
138, 173) }
```

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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