

Converting Colors

XYZ(56.1065, 43.2877, 56.4372)

Have a look what the booklet for
XYZ(56.1065, 43.2877, 56.4372)
contains.

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Color

**XYZ(56.1065, 43.2877,
56.4372)**

Conversions

Conversions Part 1

Format	Color
Hex	F093C2
RGB	240, 147, 194
RGB Percent	94%, 58%, 76%
CMY	0.0588, 0.4235, 0.2392
CMYK	0.00, 0.39, 0.19, 0.06
HSL	330°, 76%, 76%
HSV	330°, 39%, 94%
XYZ	56.1065, 43.2877, 56.4372
YIQ	180.1650, 40.3410, 34.3330

Conversions

Conversions Part 2

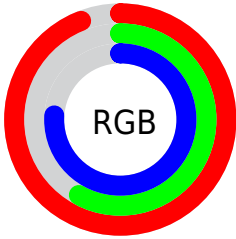
Format	Color
R_{YB}	240, 147, 194
Decimal	15766466
CIE _{Lab}	71.75, 41.20, -9.36
CIE _{LCh}	72, 42.251, 347.196
Yxy	43.2877, 0.3600, 0.2778
Android (android.graphics.Color)	4293956546 (0xFFFF093C2)
YUV	180.1650, 6.8207, 52.4753
Hunter-Lab	65.7934, 37.0807, -4.8033

Details

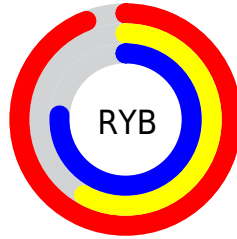
The XYZ color **56.1065, 43.2877, 56.4372** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **52.8202, 72.3747, 61.6411**, and the grayscale version is **43.4215, 45.6828, 49.7485**.

A 20% lighter version of the original color is **79.6158, 70.4032, 99.8354**, and **28.0277, 19.8439, 27.1640** is the 20% darker color. If you saturate the color by 10%, you get **51.4760, 36.0755, 48.5763**, and if you desaturate by 10%, it is **61.6246, 52.1035, 65.1204**.

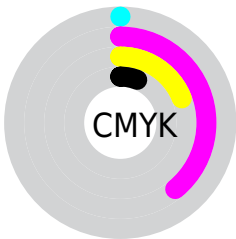
Distribution



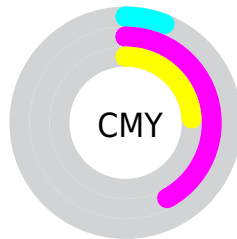
- Red (94%)
- Green (58%)
- Blue (76%)



- Red (94%)
- Yellow (58%)
- Blue (76%)



- Cyan (0%)
- Magenta (39%)
- Yellow (19%)
- Black (6%)





- Cyan (6%)
- Magenta (42%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.1065, 43.2877, 56.4372 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 56.1065, 43.2877, 56.4372 by changing the saturation by 10% instead.


 56.1065, 43.2877,
56.4372


 56.1065, 43.2877,
56.4372


400.1613,
359.7936, 428.7716

 40.5257, 30.1109,
40.1472


 98.2992, 80.1448,
101.1357

 28.1347, 19.9228,
27.3387

 125.6417,
104.5940, 130.3813

 18.5682, 12.3389,
17.5931


157.6355,
133.5693, 164.7825

 11.4608, 6.9749,
10.4918

194.6460,
167.4553, 204.7578

 6.4473, 3.4464,
5.6164

237.0384,
206.6364, 250.7259

 3.1621, 1.3690,
2.5483

285.1782,

 1.2401, 0.1937,

251.4968, 303.1051

0.8656

339.4307,
302.4211, 362.3142

■ 0.1377, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.1065, 43.2877,
56.4372

■ 56.1065, 43.2877,
56.4372

■ 51.4760, 36.0755,
48.5763

■ 61.6246, 52.1035,
65.1204

■ 47.6779, 30.3622,
41.5058

■ 68.0733, 62.6069,
74.6508

■ 44.6567, 26.0403,
35.1949

■ 75.4975, 74.8832,
85.0551

■ 42.3479, 22.9849,
29.6090

■ 83.9380, 89.0103,
96.3580

■ 40.6756, 21.0487,
24.7091

■ 89.4823, 97.1601,
107.2661

■ 39.5289, 20.0150,
20.4438

■ 89.7454, 97.2654,
108.6517

■ 39.4041, 19.9129,
19.9476

Harmonies

Analogous

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



52.1113, 43.2877, 79.3785



56.1065, 43.2877, 56.4372



55.7709, 43.2877, 36.3963

Triad

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



56.1065, 43.2877, 56.4372



37.2006, 43.2877, 18.5790



32.4679, 43.2877, 82.4456

Complementary

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



56.1065, 43.2877, 56.4372



52.8202, 72.3747, 61.6411

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.



29.3276, 43.2877, 59.7972



56.1065, 43.2877, 56.4372



31.8341, 43.2877, 25.0706

Square

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



56.1065, 43.2877, 56.4372



44.2757, 43.2877, 18.1612



29.1099, 43.2877, 38.9120



38.1629, 43.2877, 97.0765

Rectangle

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



56.1065, 43.2877, 56.4372



53.1331, 43.2877, 27.0645



29.1099, 43.2877, 38.9120



31.1088, 43.2877, 75.2618

Sweetspot

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



56.1078, 43.2897, 56.4381



83.7112, 81.0698, 93.5680



47.8893, 38.3610, 87.3190



17.6753, 16.9510, 19.6895



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.



56.1078, 43.2897, 56.4381



60.3610, 43.3812, 58.0020



51.7595, 41.5504, 33.5402



16.1061, 15.8921, 18.1148



21.6376, 10.9275, 11.2743



1.8503, 0.9292, 1.2025

Inverse Universe

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



56.1078, 43.2897, 56.4381



60.3610, 43.3812, 58.0020



58.6929, 74.7238, 92.5663



16.1061, 15.8921, 18.1148



21.6376, 10.9275, 11.2743



1.8503, 0.9292, 1.2025

Previews

White Background



This preview shows how the XYZ color 56.1065, 43.2877, 56.4372 looks on a white background.

Color Contrast Check

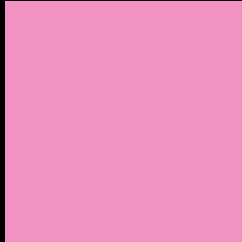
Large Text (above 18pt) WCAG AA × Fail

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 56.1065, 43.2877, 56.4372 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 56.1065, 43.2877, 56.4372

Background



This preview shows how black text looks on a background with the XYZ color 56.1065, 43.2877, 56.4372.



This preview shows how white text looks on a background with the XYZ color 56.1065, 43.2877,

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

56.1065, 43.2877, 56.4372

Protanopia

43.3621, 43.7382, 68.4443

Deuteranopia

44.3507, 43.4083, 54.7563



Tritanopia

53.0171, 43.4673, 40.7177

Trichromacy



Original Color

56.1065, 43.2877, 56.4372



Protanomaly

46.7227, 42.7874, 63.5538



Deuteranomaly

47.7779, 42.7241, 55.0186



Tritanomaly

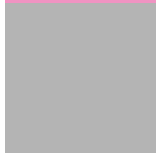
54.0644, 43.4055, 46.0860

Monochromacy



Original Color

56.1065, 43.2877, 56.4372



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

47.1167, 44.0646, 51.9209

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1065, 43.2877, 56.4372 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(240, 147, 194)` looks like.

```
.text, #text, p{  
    color:rgb(240, 147, 194)  
}
```

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(240, 147, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 147, 194) }
```

Border

The CSS property to change the border of an element to XYZ 56.1065, 43.2877, 56.4372 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(240, 147, 194) }
```


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

```
.border{ border-color:rgb(240, 147, 194) }
```

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

Here you see how a box with a 4 pixel rgb(240, 147, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 147, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 147, 194);  
box-shadow:4px 4px 4px 4px rgb(240, 147,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1065, 43.2877, 56.4372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 147, 194) }
```

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

```
.background{ background-color: rgb(240,  
147, 194) }
```

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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