

Converting Colors

XYZ(56.2540, 42.1875, 53.6081)

Have a look what the booklet for
XYZ(56.2540, 42.1875, 53.6081)
contains.

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Color

**XYZ(56.2755, 42.2968,
53.9133)**

Conversions

Conversions Part 1

Format	Color
Hex	F48EBE
RGB	244, 142, 190
RGB Percent	96%, 56%, 75%
CMY	0.0431, 0.4431, 0.2549
CMYK	0.00, 0.42, 0.22, 0.04
HSL	332°, 82%, 76%
HSV	332°, 42%, 96%
XYZ	56.2755, 42.2968, 53.9133
YIQ	177.9700, 45.3840, 36.5520

Conversions

Conversions Part 2

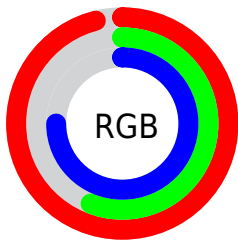
Format	Color
R _Y B	244, 142, 190
Decimal	16027326
CIE Lab	71.08, 44.53, -8.10
CIE LCh	71, 45.259, 349.696
Yxy	42.2968, 0.3691, 0.2774
Android (android.graphics.Color)	4294217406 (0xFFFF48EBE)
YUV	177.9700, 5.9308, 57.9083
Hunter-Lab	65.0360, 40.6427, -3.6248

Details

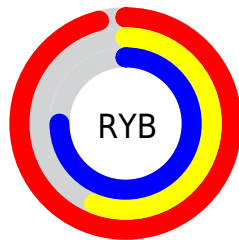
The XYZ color **56.2755, 42.2968, 53.9133** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **53.4717, 74.4388, 63.7779**, and the grayscale version is **42.2550, 44.4556, 48.4121**.

A 20% lighter version of the original color is **77.8408, 67.8463, 96.1818**, and **28.3374, 19.3900, 25.9160** is the 20% darker color. If you saturate the color by 10%, you get **51.6846, 35.2751, 45.7229**, and if you desaturate by 10%, it is **61.7885, 50.9616, 63.0294**.

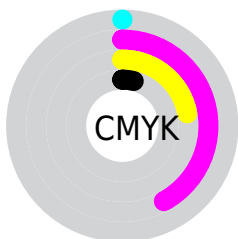
Distribution



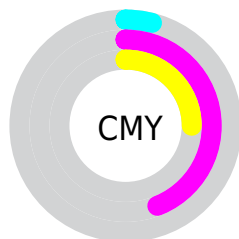
- Red (96%)
- Green (56%)
- Blue (75%)



- Red (96%)
- Yellow (56%)
- Blue (75%)



- Cyan (0%)
- Magenta (42%)
- Yellow (22%)
- Black (4%)





- Cyan (4%)
- Magenta (44%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2755, 42.2968, 53.9133 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 56.2755, 42.2968, 53.9133 by changing the saturation by 10% instead.


 56.2755, 42.2968,
53.9133


 56.2755, 42.2968,
53.9133


400.7871,
355.7118, 418.9446

 40.6617, 29.3338,
38.1396


 98.5447, 78.6486,
97.4021

 28.2414, 19.3335,
25.7884


 125.9309,
102.8062, 125.9542

 18.6491, 11.9115,
16.4411


157.9719,
131.4641, 159.6030

 11.5195, 6.6834,
9.6791

195.0332,
165.0067, 198.7669

 6.4872, 3.2649,
5.0839

237.4799,
203.8183, 243.8645

 3.1870, 1.2716,
2.2370

285.6776,

 1.2534, 0.1190,

248.2835, 295.3142

0.6956

339.9916,
298.7865, 353.5348

■ 0.1479, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.2755, 42.2968,
53.9133

■ 56.2755, 42.2968,
53.9133

■ 51.6846, 35.2751,
45.7229

■ 61.7885, 50.9616,
63.0294

■ 47.9566, 29.7844,
38.4212

■ 68.2707, 61.3599,
73.1011

■ 45.0306, 25.7080,
31.9718

■ 75.7703, 73.5828,
84.1595

■ 42.8355, 22.9095,
26.3336

■ 84.3309, 87.7132,
96.2337

■ 41.2866, 21.2249,
21.4602

■ 91.0529, 97.9470,
108.3708

■ 40.3924, 20.4668,
17.9862

■ 91.1184, 97.9732,
108.7160

Harmonies

Analogous

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



52.3442, 42.2968, 78.5912



56.2755, 42.2968, 53.9133



55.5078, 42.2968, 33.3943

Triad

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



56.2755, 42.2968, 53.9133



35.4968, 42.2968, 16.9167



31.5092, 42.2968, 85.6806

Complementary

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



56.2755, 42.2968, 53.9133



53.4717, 74.4388, 63.7779

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.



28.0050, 42.2968, 61.5662



56.2755, 42.2968, 53.9133



30.0994, 42.2968, 24.0243

Square

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



56.2755, 42.2968, 53.9133



42.8598, 42.2968, 16.0275



27.5235, 42.2968, 38.9983



37.6561, 42.2968, 100.3901

Rectangle

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



56.2755, 42.2968, 53.9133



52.4626, 42.2968, 24.2445



27.5235, 42.2968, 38.9983



30.0176, 42.2968, 78.1085

Sweetspot

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



56.2767, 42.2988, 53.9141



82.6732, 79.5636, 91.4652



48.4322, 37.4422, 90.2628



17.2884, 16.3641, 18.9845



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.



56.2767, 42.2988, 53.9141



57.9170, 40.1774, 51.9954



52.1202, 41.0440, 30.7689



16.8237, 16.6123, 18.8183



22.0309, 11.1558, 10.1370



1.9878, 1.0011, 1.1620

Inverse Universe

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



56.2767, 42.2988, 53.9141



57.9170, 40.1774, 51.9954



59.3273, 75.9664, 97.1245



16.8237, 16.6123, 18.8183



22.0309, 11.1558, 10.1370



1.9878, 1.0011, 1.1620

Previews

White Background



This preview shows how the XYZ color 56.2755, 42.2968, 53.9133 looks on a white background.

Color Contrast Check

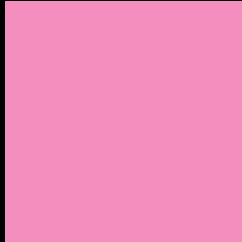
Large Text (above 18pt) WCAG AA × Fail

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 56.2755, 42.2968, 53.9133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

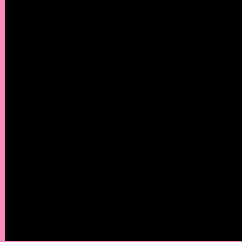
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.2755, 42.2968, 53.9133

Background



This preview shows how black text looks on a background with the XYZ color 56.2755, 42.2968, 53.9133.



This preview shows how white text looks on a background with the XYZ color 56.2755, 42.2968,

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

56.2755, 42.2968, 53.9133

Protanopia

42.3023, 42.6473, 66.9749

Deuteranopia

43.1946, 42.3178, 51.7905



Tritanopia

53.1235, 42.3838, 38.1819

Trichromacy



Original Color

56.2755, 42.2968, 53.9133



Protanomaly

45.9480, 41.6218, 62.1120



Deuteranomaly

47.0999, 41.6495, 52.5704



Tritanomaly

54.1525, 42.3373, 43.3480

Monochromacy



Original Color

56.2755, 42.2968, 53.9133



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

46.2558, 42.8442, 50.0878

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2755, 42.2968, 53.9133 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(244, 142, 190)` looks like.

```
.text, #text, p{  
    color:rgb(244, 142, 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(244, 142, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 142, 190) }
```

Border

The CSS property to change the border of an element to XYZ 56.2755, 42.2968, 53.9133 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(244, 142, 190) }
```


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

```
.border{ border-color:rgb(244, 142, 190) }
```

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

Here you see how a box with a 4 pixel rgb(244, 142, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 142, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 142, 190);  
box-shadow:4px 4px 4px 4px rgb(244, 142,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2755, 42.2968, 53.9133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 142, 190) }
```

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

```
.background{ background-color: rgb(244,  
142, 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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