

Converting Colors

XYZ(56.6497, 42.3058, 55.8116)

Have a look what the booklet for
XYZ(56.6497, 42.3058, 55.8116)
contains.

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Color

**XYZ(56.4587, 42.1331,
55.6089)**

Conversions

Conversions Part 1

Format	Color
Hex	F48DC1
RGB	244, 141, 193
RGB Percent	96%, 55%, 76%
CMY	0.0431, 0.4470, 0.2431
CMYK	0.00, 0.42, 0.21, 0.04
HSL	330°, 82%, 75%
HSV	330°, 42%, 96%
XYZ	56.4587, 42.1331, 55.6089
YIQ	177.7250, 44.6960, 38.0080

Conversions

Conversions Part 2

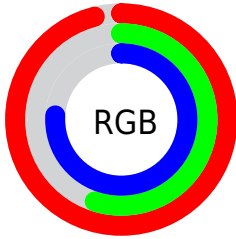
Format	Color
R_{YB}	244, 141, 193
Decimal	16027073
CIE _{Lab}	70.96, 45.47, -9.93
CIE _{LCh}	71, 46.541, 347.679
Yxy	42.1331, 0.3661, 0.2732
Android (android.graphics.Color)	4294217153 (0xFFFF48DC1)
YUV	177.7250, 7.5306, 58.1232
Hunter-Lab	64.9100, 41.6667, -5.3572

Details

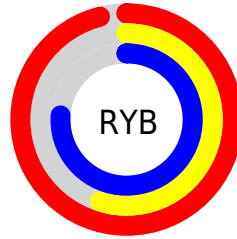
The XYZ color **56.4587, 42.1331, 55.6089** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **52.8515, 74.1709, 61.4035**, and the grayscale version is **42.1178, 44.3112, 48.2549**.

A 20% lighter version of the original color is **78.0788, 67.5794, 98.5515**, and **28.3996, 19.2826, 26.6512** is the 20% darker color. If you saturate the color by 10%, you get **51.9560, 35.1971, 47.7277**, and if you desaturate by 10%, it is **61.8664, 50.7021, 64.3360**.

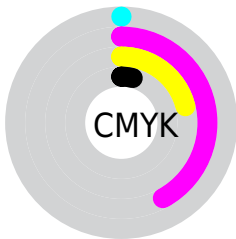
Distribution



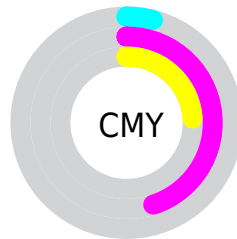
- Red (96%)
- Green (55%)
- Blue (76%)



- Red (96%)
- Yellow (55%)
- Blue (76%)



- Cyan (0%)
- Magenta (42%)
- Yellow (21%)
- Black (4%)




- Cyan (4%)
- Magenta (45%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.4587, 42.1331, 55.6089 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 56.4587, 42.1331, 55.6089 by changing the saturation by 10% instead.


 56.4587, 42.1331,
55.6089


 56.4587, 42.1331,
55.6089


401.4649,
355.0344, 425.5628

 40.8093, 29.2055,
39.4876

 98.8109, 78.4010,
99.9126

 28.3571, 19.2364,
26.8285


 126.2443,
102.5102, 128.9320

 18.7368, 11.8412,
17.2131


158.3364,
131.1153, 163.0879

 11.5832, 6.6356,
10.2230

195.4526,
164.6008, 202.7987

 6.5307, 3.2353,
5.4395

237.9581,
203.3510, 248.4831

 3.2141, 1.2558,
2.4442

286.2185,

 1.2680, 0.1066,

247.7505, 300.5595

0.8104

340.5990,
298.1835, 359.4466

■ 0.1590, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.4587, 42.1331,
55.6089

■ 56.4587, 42.1331,
55.6089

■ 51.9560, 35.1971,
47.7277

■ 61.8664, 50.7021,
64.3360

■ 48.2995, 29.7817,
40.6585

■ 68.2258, 60.9947,
73.9356

■ 45.4286, 25.7700,
34.3682

■ 75.5847, 73.1019,
84.4363

■ 43.2727, 23.0248,
28.8193

■ 83.9863, 87.1066,
95.8641

■ 41.7467, 21.3813,
23.9688

■ 90.8637, 97.8713,
107.3748

■ 40.8947, 20.6677,
20.6315

■ 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.



52.1190, 42.1331, 81.0687



56.4587, 42.1331, 55.6089



56.0061, 42.1331, 34.0867

Triad

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



56.4587, 42.1331, 55.6089



35.6849, 42.1331, 16.0239



30.8192, 42.1331, 85.2669

Complementary

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



56.4587, 42.1331, 55.6089



52.8515, 74.1709, 61.4035

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.



27.4490, 42.1331, 60.1108



56.4587, 42.1331, 55.6089



29.9986, 42.1331, 22.7053

Square

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



56.4587, 42.1331, 55.6089



43.3144, 42.1331, 15.5167



27.1693, 42.1331, 37.3503



36.9468, 42.1331, 101.5487

Rectangle

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



56.4587, 42.1331, 55.6089



53.0502, 42.1331, 24.4044



27.1693, 42.1331, 37.3503



29.3626, 42.1331, 77.2559

Sweetspot

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



56.4599, 42.1351, 55.6097



82.8402, 79.6304, 92.3444



47.2873, 36.6321, 90.1667



17.3296, 16.3805, 19.2011



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.



56.4599, 42.1351, 55.6097



57.9276, 39.6587, 53.6633



51.7712, 40.2596, 30.9189



16.8482, 16.6221, 18.9470



22.3054, 11.2656, 11.5825



2.0123, 1.0109, 1.2913

Inverse Universe

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



56.4599, 42.1351, 55.6097



57.9276, 39.6587, 53.6633



59.4061, 76.7928, 95.9195



16.8482, 16.6221, 18.9470



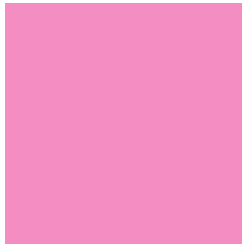
22.3054, 11.2656, 11.5825



2.0123, 1.0109, 1.2913

Previews

White Background



This preview shows how the XYZ color 56.4587, 42.1331, 55.6089 looks on a white background.

Color Contrast Check

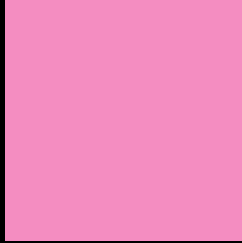
Large Text (above 18pt) WCAG AA × Fail

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 56.4587, 42.1331, 55.6089 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 56.4587, 42.1331, 55.6089

Background



This preview shows how black text looks on a background with the XYZ color 56.4587, 42.1331, 55.6089.



This preview shows how white text looks on a background with the XYZ color 56.4587, 42.1331,

55.6089.

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

56.4587, 42.1331, 55.6089

Protanopia

42.4072, 42.3594, 69.5594

Deuteranopia

43.2727, 42.3211, 53.4650



Tritanopia

52.7831, 42.2083, 38.1659

Trichromacy



Original Color

56.4587, 42.1331, 55.6089



Protanomaly

46.1336, 41.4153, 63.9550



Deuteranomaly

47.1460, 41.6358, 54.2668



Tritanomaly

53.7517, 41.8918, 43.7810

Monochromacy



Original Color

56.4587, 42.1331, 55.6089



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

46.3595, 42.8857, 50.6341

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4587, 42.1331, 55.6089 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, 141, 193)` looks like.

```
.text, #text, p{  
    color:rgb(244, 141, 193)  
}
```

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, 141, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 141, 193) }
```

Border

The CSS property to change the border of an element to XYZ 56.4587, 42.1331, 55.6089 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, 141, 193) }
```


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

```
.border{ border-color:rgb(244, 141, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 141, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 141, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 141, 193);  
box-shadow:4px 4px 4px 4px rgb(244, 141,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4587, 42.1331, 55.6089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 141, 193) }
```

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

```
.background{ background-color: rgb(244,  
141, 193) }
```

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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