

Converting Colors

XYZ(56.6324, 48.0930, 42.7498)

Have a look what the booklet for
XYZ(56.6324, 48.0930, 42.7498)
contains.

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Color

**XYZ(56.5261, 48.0417,
42.8529)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F1A4A7 |
| RGB | 241, 164, 167 |
| RGB Percent | 95%, 64%, 65% |
| CMY | 0.0549, 0.3568, 0.3451 |
| CMYK | 0.00, 0.32, 0.31, 0.05 |
| HSL | 358°, 73%, 79% |
| HSV | 358°, 32%, 95% |
| XYZ | 56.5261, 48.0417, 42.8529 |
| YIQ | 187.3650, 44.9290, 17.2570 |

Conversions

Conversions Part 2

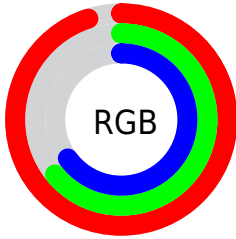
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 241, 164, 167 |
| Decimal | 15836327 |
| CIE Lab | 74.85, 28.87, 10.07 |
| CIE LCh | 75, 30.581, 19.231 |
| Yxy | 48.0417, 0.3834, 0.3259 |
| Android (android.graphics.Color) | 4294026407 (0xFFFF1A4A7) |
| YUV | 187.3650, -10.0399, 47.0379 |
| Hunter-Lab | 69.3121, 24.2759, 11.8619 |

Details

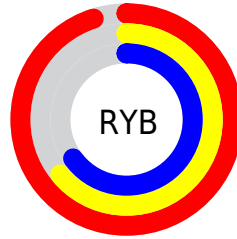
The XYZ color **56.5261, 48.0417, 42.8529** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.1998, 76.9772, 92.4727**, and the grayscale version is **47.4785, 49.9511, 54.3967**.

A 20% lighter version of the original color is **80.0180, 77.7203, 79.8914**, and **28.3074, 22.6740, 19.1042** is the 20% darker color. If you saturate the color by 10%, you get **50.6618, 39.4382, 31.2631**, and if you desaturate by 10%, it is **63.5938, 58.4375, 56.7369**.

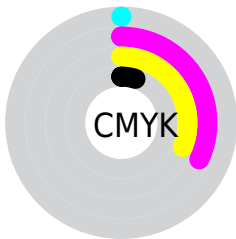
Distribution



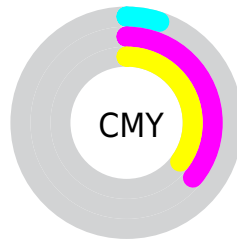
- Red (95%)
- Green (64%)
- Blue (65%)



- Red (95%)
- Yellow (64%)
- Blue (65%)



- Cyan (0%)
- Magenta (32%)
- Yellow (31%)
- Black (5%)





- Cyan (5%)
- Magenta (36%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.5261, 48.0417, 42.8529 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 56.5261, 48.0417, 42.8529 by changing the saturation by 10% instead.


 56.5261, 48.0417,
42.8529


 56.5261, 48.0417,
42.8529


401.7141,
378.9574, 373.9099

 40.8635, 33.8599,
29.4392

 98.9087, 87.2665,
80.7728

 28.3997, 22.7860,
19.1649


 126.3595,
113.0783, 106.1161

 18.7691, 14.4356,
11.6114


158.4704,
143.5355, 136.2729

 11.6066, 8.4242,
6.3604

195.6068,
179.0226, 171.6619

 6.5467, 4.3676,
2.9931

238.1340,
219.9240, 212.7015

 3.2240, 1.8812,
1.0911

286.4174,

 1.2733, 0.5371,

266.6239, 259.8104

0.0000

340.8223,
319.5069, 313.4070

■ 0.1631, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.5261, 48.0417,
42.8529

■ 56.5261, 48.0417,
42.8529

■ 50.6618, 39.4382,
31.2631

■ 63.5938, 58.4375,
56.7369

■ 45.9301, 32.5195,
21.8413

■ 71.9224, 70.7116,
73.0261

■ 42.2591, 27.1769,
14.4536

■ 81.5708, 84.9528,
91.8280

■ 39.5669, 23.2867,
8.9501

■ 90.0857, 97.4408,
108.6677

■ 37.7598, 20.7063,
5.1603

■ 36.7254, 19.2644,
2.8830

■ 36.3270, 18.7213,
1.9681

Harmonies

Analogous

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



56.9984, 48.0417, 58.2452



56.5261, 48.0417, 42.8529



53.0102, 48.0417, 32.3676

Triad

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



56.5261, 48.0417, 42.8529



38.0300, 48.0417, 34.7448



43.6924, 48.0417, 88.5490

Complementary

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



56.5261, 48.0417, 42.8529



62.1998, 76.9772, 92.4727

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.



39.0266, 48.0417, 79.1126



56.5261, 48.0417, 42.8529



35.9385, 48.0417, 46.7909

Square

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



56.5261, 48.0417, 42.8529



42.2284, 48.0417, 28.3862



36.2879, 48.0417, 63.0635



49.2772, 48.0417, 86.8974

Rectangle

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



56.5261, 48.0417, 42.8529



49.5616, 48.0417, 28.5737



36.2879, 48.0417, 63.0635



41.9728, 48.0417, 86.5035

Sweetspot

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



56.5274, 48.0440, 42.8539



83.7500, 83.3166, 86.8932



64.1291, 50.9344, 89.6705



17.6124, 17.3707, 17.9870



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.



56.5274, 48.0440, 42.8539



59.9939, 48.3518, 40.2923



63.3208, 62.0689, 43.7680



15.7977, 15.7688, 16.4910



19.7106, 10.1567, 1.1266



1.6484, 0.8484, 0.1395

Inverse Universe

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



56.5274, 48.0440, 42.8539



59.9939, 48.3518, 40.2923



53.3447, 58.5568, 91.7102



15.7977, 15.7688, 16.4910



19.7106, 10.1567, 1.1266



1.6484, 0.8484, 0.1395

Previews

White Background



This preview shows how the XYZ color 56.5261, 48.0417, 42.8529 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 56.5261, 48.0417, 42.8529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

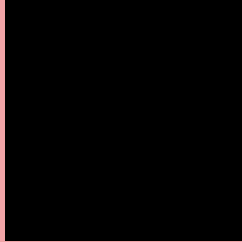
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.5261, 48.0417, 42.8529

Background



This preview shows how black text looks on a background with the XYZ color 56.5261, 48.0417, 42.8529.



This preview shows how white text looks on a background with the XYZ color 56.5261, 48.0417,

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

56.5261, 48.0417, 42.8529

Protanopia

46.4116, 48.4425, 49.0237

Deuteranopia

49.1996, 48.2228, 41.8368



Tritanopia

57.4530, 48.1668, 46.8265

Trichromacy



Original Color

56.5261, 48.0417, 42.8529

Protanomaly

49.6566, 48.0556, 46.7029

Deuteranomaly

51.5539, 47.9759, 42.1404

Tritanomaly

57.1615, 48.0502, 45.2916

Monochromacy



Original Color

56.5261, 48.0417, 42.8529

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

50.0904, 48.8009, 49.9595

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5261, 48.0417, 42.8529 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(241, 164, 167)` looks like.

```
.text, #text, p{  
    color:rgb(241, 164, 167)  
}
```

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(241, 164, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 164, 167) }
```

Border

The CSS property to change the border of an element to XYZ 56.5261, 48.0417, 42.8529 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(241, 164, 167) }
```


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

```
.border{ border-color:rgb(241, 164, 167) }
```

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

Here you see how a box with a 4 pixel rgb(241, 164, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 164, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 164, 167);  
box-shadow:4px 4px 4px 4px rgb(241, 164,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5261, 48.0417, 42.8529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 164, 167) }
```

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

```
.background{ background-color: rgb(241,  
164, 167) }
```

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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