

Converting Colors

XYZ(62.7922, 54.3460, 54.0915)

Have a look what the booklet for
XYZ(62.7922, 54.3460, 54.0915)
contains.

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Color

**XYZ(62.8527, 54.4127,
54.2037)**

Conversions

Conversions Part 1

Format	Color
Hex	F7B0BB
RGB	247, 176, 187
RGB Percent	97%, 69%, 73%
CMY	0.0314, 0.3098, 0.2667
CMYK	0.00, 0.29, 0.24, 0.03
HSL	351°, 82%, 83%
HSV	351°, 29%, 97%
XYZ	62.8527, 54.4127, 54.2037
YIQ	198.4830, 38.7850, 18.4730

Conversions

Conversions Part 2

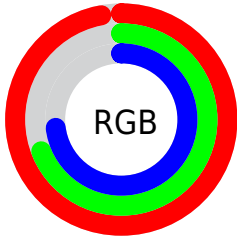
Format	Color
R _Y B	247, 176, 187
Decimal	16232635
CIE Lab	78.70, 27.41, 4.77
CIE LCh	79, 27.825, 9.871
Yxy	54.4127, 0.3666, 0.3173
Android (android.graphics.Color)	4294422715 (0xFFF7B0BB)
YUV	198.4830, -5.6611, 42.5494
Hunter-Lab	73.7650, 23.0053, 8.0682

Details

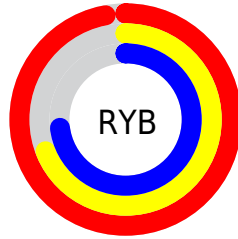
The XYZ color **62.8527, 54.4127, 54.2037** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.3079, 81.8090, 91.6569**, and the grayscale version is **53.9886, 56.8002, 61.8554**.

A 20% lighter version of the original color is **86.2743, 85.4443, 96.7393**, and **32.3723, 26.7060, 26.0028** is the 20% darker color. If you saturate the color by 10%, you get **56.3684, 44.7640, 41.8066**, and if you desaturate by 10%, it is **70.5460, 65.9587, 68.6076**.

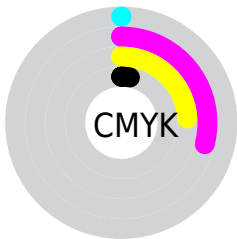
Distribution



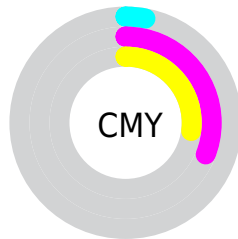
- Red (97%)
- Green (69%)
- Blue (73%)



- Red (97%)
- Yellow (69%)
- Blue (73%)



- Cyan (0%)
- Magenta (29%)
- Yellow (24%)
- Black (3%)



- Cyan (3%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.8527, 54.4127, 54.2037 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 62.8527, 54.4127, 54.2037 by changing the saturation by 10% instead.

62.8527, 54.4127,
54.2037

62.8527, 54.4127,
54.2037

424.7029,
403.6818, 420.0829

45.9803, 38.9317,
38.3703

108.0400, 96.6799,
97.8327

32.4348, 26.7066,
25.9661

137.0855,
124.2350, 126.4653

21.8510, 17.3530,
16.5728

170.9195,
156.5835, 160.2014

13.8634, 10.4865,
9.7716

209.9072,
194.1098, 199.4595

8.1068, 5.7227,
5.1442

254.4140,
237.1985, 244.6582

4.2157, 2.6772,
2.2719

304.8054,

1.8249, 0.9656,

286.2337, 296.2159

0.7154

361.4465,
341.6000, 354.5513

■ 0.5326, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.8527, 54.4127,
54.2037

■ 62.8527, 54.4127,
54.2037

■ 56.3684, 44.7640,
41.8066

■ 70.5460, 65.9587,
68.6076

■ 51.0268, 36.9035,
31.3237

■ 79.5011, 79.4878,
85.0988

■ 46.7620, 30.7233,
22.6596

■ 89.7731, 95.0902,
103.7574

■ 43.4997, 26.1003,
15.7097

■ 92.1679, 98.5142,
108.7651

■ 41.1556, 22.8944,
10.3584

■ 39.6313, 20.9406,
6.4751

■ 38.7897, 20.0009,
3.9028

■ 38.7118, 19.9158,
3.6590

Harmonies

Analogous

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



62.2970, 54.4127, 70.2929



62.8527, 54.4127, 54.2037



60.2668, 54.4127, 41.8727

Triad

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



62.8527, 54.4127, 54.2037



45.2296, 54.4127, 38.9073



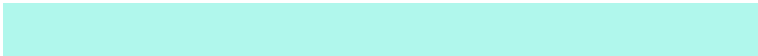
48.1628, 54.4127, 92.4789

Complementary

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



62.8527, 54.4127, 54.2037



66.3079, 81.8090, 91.6569

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.



44.0178, 54.4127, 80.8623



62.8527, 54.4127, 54.2037



42.4094, 54.4127, 49.4220

Square

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



62.8527, 54.4127, 54.2037



49.9256, 54.4127, 34.1348



41.9821, 54.4127, 64.5921



53.5521, 54.4127, 94.3778

Rectangle

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



62.8527, 54.4127, 54.2037



57.2100, 54.4127, 36.7204



41.9821, 54.4127, 64.5921



46.5885, 54.4127, 89.4946

Sweetspot

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



62.8542, 54.4152, 54.2048



85.1936, 85.0345, 90.9789



66.6315, 55.4593, 95.1887



17.9172, 17.7198, 18.8915



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.



62.8542, 54.4152, 54.2048



63.7134, 52.7423, 50.9306



66.7731, 64.0653, 49.9241



16.6037, 16.5243, 17.6599



20.5058, 10.5458, 2.1061



1.8327, 0.9391, 0.3455

Inverse Universe

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



62.8542, 54.4152, 54.2048



63.7134, 52.7423, 50.9306



61.1719, 68.9011, 98.0710



16.6037, 16.5243, 17.6599



20.5058, 10.5458, 2.1061



1.8327, 0.9391, 0.3455

Previews

White Background



This preview shows how the XYZ color 62.8527, 54.4127, 54.2037 looks on a white background.

Color Contrast Check

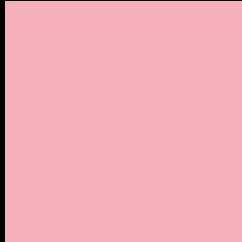
Large Text (above 18pt) WCAG AA × Fail

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 62.8527, 54.4127, 54.2037 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 62.8527, 54.4127, 54.2037

Background



This preview shows how black text looks on a background with the XYZ color 62.8527, 54.4127, 54.2037.



This preview shows how white text looks on a background with the XYZ color 62.8527, 54.4127,

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

62.8527, 54.4127, 54.2037

Protanopia

52.6585, 54.6206, 60.5907

Deuteranopia

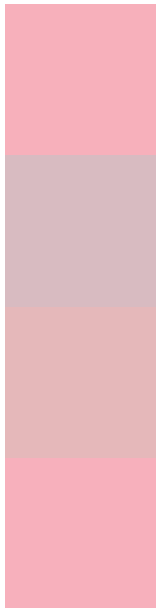
55.6536, 54.3746, 53.4610



Tritanopia

63.0684, 54.4989, 55.3394

Trichromacy



Original Color

62.8527, 54.4127, 54.2037

Protanomaly

55.7149, 53.9898, 57.9367

Deuteranomaly

58.3165, 54.4842, 53.8973

Tritanomaly

62.9602, 54.4557, 54.7696

Monochromacy



Original Color

62.8527, 54.4127, 54.2037

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

56.4700, 55.3209, 58.7406

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8527, 54.4127, 54.2037 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(247, 176, 187)` looks like.

```
.text, #text, p{  
    color:rgb(247, 176, 187)  
}
```

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(247, 176, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 176, 187) }
```

Border

The CSS property to change the border of an element to XYZ 62.8527, 54.4127, 54.2037 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(247, 176, 187) }
```


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

```
.border{ border-color:rgb(247, 176, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 176, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 176, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 176, 187);  
box-shadow:4px 4px 4px 4px rgb(247, 176,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8527, 54.4127, 54.2037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 176, 187) }
```

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

```
.background{ background-color: rgb(247,  
176, 187) }
```

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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