

Converting Colors

XYZ(78.5481, 64.7013, 43.4405)

Have a look what the booklet for
XYZ(78.5481, 64.7013, 43.4405)
contains.

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Color

**XYZ(64.6688, 57.3962,
42.7921)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB6A4
RGB	255, 182, 164
RGB Percent	100%, 71%, 64%
CMY	0.0000, 0.2862, 0.3569
CMYK	0.00, 0.29, 0.36, 0.00
HSL	12°, 100%, 82%
HSV	12°, 36%, 100%
XYZ	64.6688, 57.3962, 42.7921
YIQ	201.7750, 49.2860, 9.8780

Conversions

Conversions Part 2

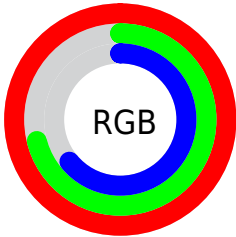
Format	Color
RYB	255, 186, 164
Decimal	16758436
CIELab	80.40, 24.24, 19.71
CIELCh	80, 31.244, 39.118
Yxy	57.3962, 0.3923, 0.3482
Android (android.graphics.Color)	4294948516 (0xFFFFB6A4)
YUV	201.7750, -18.6231, 46.6783
Hunter-Lab	75.7603, 19.7867, 19.5431

Details

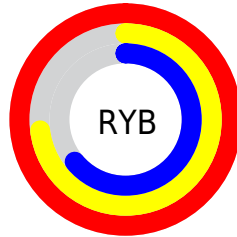
The XYZ color **64.6688, 57.3962, 42.7921** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.6429, 75.6781, 105.8607**, and the grayscale version is **56.0909, 59.0120, 64.2641**.

A 20% lighter version of the original color is **84.6007, 87.5235, 79.4526**, and **33.5398, 28.6061, 19.0830** is the 20% darker color. If you saturate the color by 10%, you get **58.7054, 48.7926, 30.5593**, and if you desaturate by 10%, it is **71.7087, 67.4137, 57.6627**.

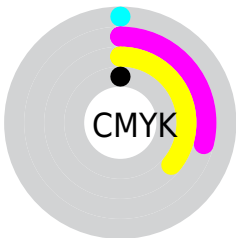
Distribution



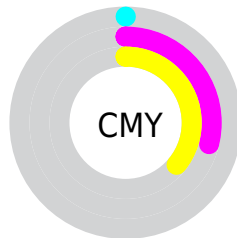
- Red (100%)
- Green (71%)
- Blue (64%)



- Red (100%)
- Yellow (73%)
- Blue (64%)



- Cyan (0%)
- Magenta (29%)
- Yellow (36%)
- Black (0%)





- Cyan (0%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.6688, 57.3962, 42.7921 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 64.6688, 57.3962, 42.7921 by changing the saturation by 10% instead.


 64.6688, 57.3962,
42.7921


 64.6688, 57.3962,
42.7921


431.1649,
414.9323, 373.6521

 47.4563, 41.3234,
29.3918


 110.6419,
101.0431, 80.6800

 33.6060, 28.5719,
19.1293


 140.1332,
129.3859, 106.0048

 22.7525, 18.7572,
11.5860


174.4482,
162.5876, 136.1414

 14.5306, 11.4950,
6.3433

213.9521,
201.0326, 171.5085

 8.5747, 6.4008,
2.9828

259.0104,
245.1051, 212.5246

 4.5197, 3.0903,
1.0859

309.9884,

 2.0002, 1.1791,

295.1896, 259.6082

0.0000

367.2514,
351.6705, 313.1779

0.6341, 0.0445,
0.0000

0.0000, 0.0000,
0.0000

64.6688, 57.3962,
42.7921

64.6688, 57.3962,
42.7921

58.7054, 48.7926,
30.5593

71.7087, 67.4137,
57.6627

53.7599, 41.5308,
20.8060

79.8710, 78.8966,
75.3098

49.7749, 35.5444,
13.3619

89.2043, 91.9041,
95.8668

46.6848, 30.7583,
8.0340

95.0500, 100.0000,
108.9000

■ 44.4153, 27.0889,
4.5972

■ 42.8788, 24.4409,
2.7742

■ 42.4001, 23.5803,
2.3167

Harmonies

Analogous

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



67.6282, 57.3962, 57.0748



64.6688, 57.3962, 42.7921



59.0585, 57.3962, 35.0111

Triad

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



64.6688, 57.3962, 42.7921



43.8446, 57.3962, 50.7551



56.5267, 57.3962, 104.1510

Complementary

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



64.6688, 57.3962, 42.7921



63.6429, 75.6781, 105.8607

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.



50.2834, 57.3962, 101.5449



64.6688, 57.3962, 42.7921



43.2827, 57.3962, 68.2474

Square

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



64.6688, 57.3962, 42.7921



47.1519, 57.3962, 38.9451



45.5519, 57.3962, 87.4715



62.6915, 57.3962, 94.0202

Rectangle

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



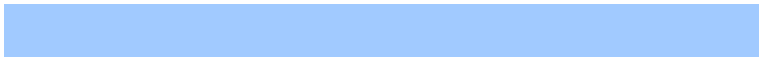
64.6688, 57.3962, 42.7921



54.7431, 57.3962, 33.4641



45.5519, 57.3962, 87.4715



54.3641, 57.3962, 104.7723

Sweetspot

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



64.6702, 57.3989, 42.7932



84.0958, 84.7984, 84.5723



69.9949, 54.0031, 87.8678



17.7326, 17.7774, 17.5141



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.



64.6702, 57.3989, 42.7932



60.2049, 50.9692, 33.5947



75.1873, 78.4331, 46.2989



18.3003, 18.5688, 18.7639



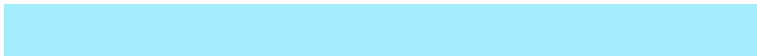
22.2368, 12.4849, 1.2378



2.2372, 1.3597, 0.1445

Inverse Universe

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



63.6429, 75.6781, 105.8607



59.0141, 71.7220, 105.3411



52.3898, 53.1720, 102.1097



18.2316, 19.8348, 23.1175



20.8898, 26.6893, 53.4851



2.1081, 2.7469, 5.2324

Previews

White Background



This preview shows how the XYZ color 64.6688, 57.3962, 42.7921 looks on a white background.

Color Contrast Check

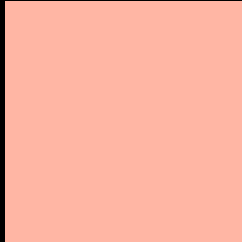
Large Text (above 18pt) WCAG AA × Fail

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 64.6688, 57.3962, 42.7921 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 64.6688, 57.3962, 42.7921

Background



This preview shows how black text looks on a background with the XYZ color 64.6688, 57.3962, 42.7921.



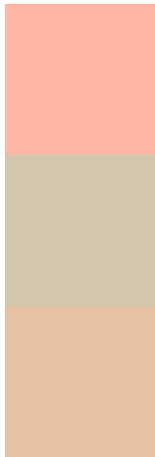
This preview shows how white text looks on a background with the XYZ color 64.6688, 57.3962,

42.7921.

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

64.6688, 57.3962, 42.7921

Protanopia

54.5446, 57.5656, 47.7716

Deuteranopia

58.6499, 57.4637, 42.1828



Tritanopia

66.8745, 57.3060, 57.4057

Trichromacy



Original Color

64.6688, 57.3962, 42.7921

Protanomaly

57.6897, 57.2110, 46.0325

Deuteranomaly

60.5293, 57.1360, 42.4885

Tritanomaly

66.0048, 57.2799, 51.8333

Monochromacy



Original Color

64.6688, 57.3962, 42.7921

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

58.4110, 58.0332, 55.6999

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.6688, 57.3962, 42.7921 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(255, 182, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 164)  
}
```

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(255, 182, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 164) }
```

Border

The CSS property to change the border of an element to XYZ 64.6688, 57.3962, 42.7921 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(255, 182, 164) }
```


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

```
.border{ border-color:rgb(255, 182, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 182, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 164);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 64.6688, 57.3962, 42.7921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 164) }
```

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

```
.background{ background-color: rgb(255,  
182, 164) }
```

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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