

Converting Colors

XYZ(65.2734, 57.2243, 47.2513)

Have a look what the booklet for XYZ(65.2734, 57.2243, 47.2513) contains.

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Color

**XYZ(65.3067, 57.3249,
47.1579)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB5AD
RGB	255, 181, 173
RGB Percent	100%, 71%, 68%
CMY	0.0000, 0.2902, 0.3216
CMYK	0.00, 0.29, 0.32, 0.00
HSL	6°, 100%, 84%
HSV	6°, 32%, 100%
XYZ	65.3067, 57.3249, 47.1579
YIQ	202.2140, 46.6720, 13.2000

Conversions

Conversions Part 2

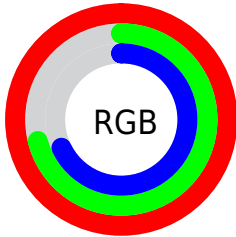
Format	Color
R _Y B	255, 182, 173
Decimal	16758189
CIE Lab	80.36, 25.85, 14.82
CIE LCh	80, 29.802, 29.825
Yxy	57.3249, 0.3846, 0.3376
Android (android.graphics.Color)	4294948269 (0xFFFFB5AD)
YUV	202.2140, -14.4025, 46.2933
Hunter-Lab	75.7132, 21.4677, 16.0705

Details

The XYZ color **65.3067, 57.3249, 47.1579** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.5430, 82.6227, 106.9429**, and the grayscale version is **56.3406, 59.2747, 64.5502**.

A 20% lighter version of the original color is **85.5278, 87.4298, 85.7666**, and **34.1963, 28.6891, 21.8244** is the 20% darker color. If you saturate the color by 10%, you get **58.7721, 47.8347, 33.9459**, and if you desaturate by 10%, it is **73.0879, 68.5542, 63.1099**.

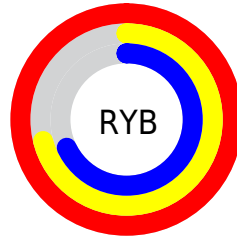
Distribution



Red (100%)

Green (71%)

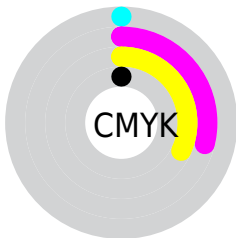
Blue (68%)



Red (100%)

Yellow (71%)

Blue (68%)

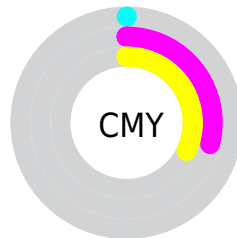


Cyan (0%)

Magenta (29%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.3067, 57.3249, 47.1579 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 65.3067, 57.3249, 47.1579 by changing the saturation by 10% instead.


 65.3067, 57.3249,
47.1579

 65.3067, 57.3249,
47.1579


433.4211,
414.6656, 391.8564

 47.9754, 41.2661,
32.8053


 111.5539,
100.9391, 87.3017

 34.0186, 28.5271,
21.7074


141.2006,
129.2633, 113.9300

 23.0709, 18.7234,
13.4458


175.6832,
162.4449, 145.4872

 14.7668, 11.4706,
7.6019

215.3669,
200.8681, 182.3919

 8.7411, 6.3843,
3.7572

260.6172,
244.9174, 225.0626

 4.6285, 3.0801,
1.4931

311.7995,

 2.0635, 1.1737,

294.9771, 273.9179

0.2128

369.2790,
351.4318, 329.3764

0.6692, 0.0401,
0.0000

0.0000, 0.0000,
0.0000

65.3067, 57.3249,
47.1579

65.3067, 57.3249,
47.1579

58.7721, 47.8347,
33.9459

73.0879, 68.5542,
63.1099

53.4149, 39.9891,
23.3162

82.1714, 81.5952,
81.9405

49.1659, 33.6966,
15.1005

92.6147, 96.5258,
103.7831

45.9468, 28.8538,
9.1091

95.0500, 100.0000,
108.9000

■ 43.6689, 25.3444,
5.1239

■ 42.2281, 23.0342,
2.8822

■ 41.5854, 21.9508,
2.0451

Harmonies

Analogous

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



67.0752, 57.3249, 62.5197



65.3067, 57.3249, 47.1579



60.5958, 57.3249, 37.6502

Triad

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



65.3067, 57.3249, 47.1579



44.9627, 57.3249, 47.0107



54.4498, 57.3249, 102.3901

Complementary

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



65.3067, 57.3249, 47.1579



68.5430, 82.6227, 106.9429

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.



48.8006, 57.3249, 96.1893



65.3067, 57.3249, 47.1579



43.5790, 57.3249, 62.3145

Square

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



65.3067, 57.3249, 47.1579



48.8583, 57.3249, 37.5771



44.9312, 57.3249, 80.6569



60.5292, 57.3249, 96.3262

Rectangle

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



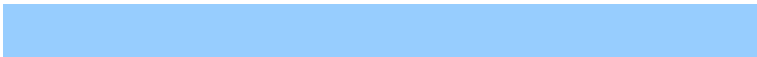
65.3067, 57.3249, 47.1579



56.5838, 57.3249, 34.8505



44.9312, 57.3249, 80.6569



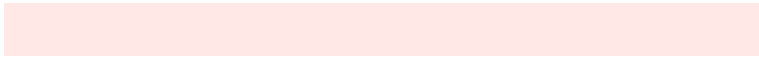
52.4399, 57.3249, 101.6574

Sweetspot

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



65.3082, 57.3276, 47.1590



84.3064, 84.6524, 86.3914



73.1530, 57.9353, 96.2697



17.7457, 17.6905, 17.8670



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.



65.3082, 57.3276, 47.1590



60.7046, 50.6489, 37.8298



74.5956, 75.9024, 50.2548



18.1520, 18.2721, 18.7145



21.7761, 11.5635, 1.0842



2.1657, 1.2167, 0.1207

Inverse Universe

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



68.5430, 82.6227, 106.9429



64.4139, 79.7241, 106.6011



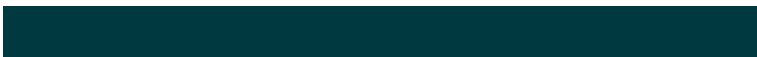
57.6373, 60.8112, 103.3077



18.3944, 20.1604, 23.1718



24.2945, 33.4985, 54.6200



2.4076, 3.3459, 5.3322

Previews

White Background



This preview shows how the XYZ color 65.3067, 57.3249, 47.1579 looks on a white background.

Color Contrast Check

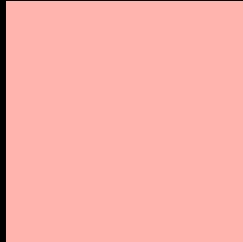
Large Text (above 18pt) WCAG AA × Fail

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 65.3067, 57.3249, 47.1579 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 65.3067, 57.3249, 47.1579

Background



This preview shows how black text looks on a background with the XYZ color 65.3067, 57.3249, 47.1579.



This preview shows how white text looks on a background with the XYZ color 65.3067, 57.3249,

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

65.3067, 57.3249, 47.1579

Protanopia

54.5990, 57.4896, 52.4749

Deuteranopia

58.5134, 57.2976, 46.5036



Tritanopia

66.8745, 57.3060, 57.4057

Trichromacy



Original Color

65.3067, 57.3249, 47.1579

Protanomaly

57.7268, 56.8012, 50.5690

Deuteranomaly

60.6895, 57.1221, 46.8567

Tritanomaly

66.3182, 57.4053, 53.4839

Monochromacy



Original Color

65.3067, 57.3249, 47.1579

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

58.5146, 57.7173, 57.3467

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3067, 57.3249, 47.1579 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, 181, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 173)  
}
```

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, 181, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 173) }
```

Border

The CSS property to change the border of an element to XYZ 65.3067, 57.3249, 47.1579 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, 181, 173) }
```


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

```
.border{ border-color:rgb(255, 181, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 181, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 181, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 181, 173); box-shadow:4px 4px 4px 4px rgb(255, 181, 173) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3067, 57.3249, 47.1579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 173) }
```

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

```
.background{ background-color: rgb(255,  
181, 173) }
```

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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