

Converting Colors

XYZ(65.5868, 57.8574, 47.3368)

Have a look what the booklet for
XYZ(65.5868, 57.8574, 47.3368)
contains.

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Color

**XYZ(65.5108, 57.7330,
47.2260)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB6AD
RGB	255, 182, 173
RGB Percent	100%, 71%, 68%
CMY	0.0000, 0.2862, 0.3216
CMYK	0.00, 0.29, 0.32, 0.00
HSL	7°, 100%, 84%
HSV	7°, 32%, 100%
XYZ	65.5108, 57.7330, 47.2260
YIQ	202.8010, 46.3970, 12.6770

Conversions

Conversions Part 2

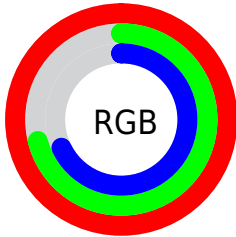
Format	Color
R _Y B	255, 183, 173
Decimal	16758445
CIE Lab	80.59, 25.33, 15.14
CIE LCh	81, 29.511, 30.871
Yxy	57.7330, 0.3843, 0.3387
Android (android.graphics.Color)	4294948525 (0xFFFFB6AD)
YUV	202.8010, -14.6919, 45.7785
Hunter-Lab	75.9822, 20.9312, 16.3365

Details

The XYZ color **65.5108, 57.7330, 47.2260** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.2382, 82.0130, 106.8413**, and the grayscale version is **56.7100, 59.6633, 64.9734**.

A 20% lighter version of the original color is **85.8181, 88.0105, 85.8634**, and **34.3274, 28.9513, 21.8681** is the 20% darker color. If you saturate the color by 10%, you get **58.9969, 48.2843, 34.0209**, and if you desaturate by 10%, it is **73.2521, 68.8825, 63.1647**.

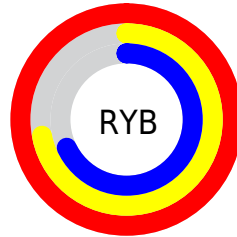
Distribution



Red (100%)

Green (71%)

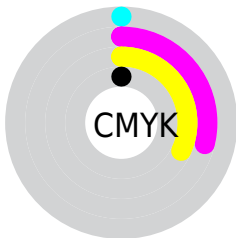
Blue (68%)



Red (100%)

Yellow (72%)

Blue (68%)

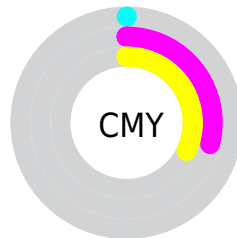


Cyan (0%)

Magenta (29%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.5108, 57.7330, 47.2260 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 65.5108, 57.7330, 47.2260 by changing the saturation by 10% instead.


 65.5108, 57.7330,
47.2260

 65.5108, 57.7330,
47.2260

434.1416,
416.1903, 392.1358

 48.1416, 41.5940,
32.8587


 111.8455,
101.5339, 87.4044

 34.1508, 28.7835,
21.7480


141.5418,
129.9647, 114.0526

 23.1729, 18.9171,
13.4753


176.0778,
163.2615, 145.6315

 14.8426, 11.6104,
7.6221

215.8190,
201.8088, 182.5597

 8.7946, 6.4790,
3.7698

261.1305,
245.9909, 225.2556

 4.6635, 3.1385,
1.4999


312.3779,


 2.0839, 1.2044,


296.1923, 274.1379


0.2179


369.9265,
352.7973, 329.6251


 0.6804, 0.0653,
0.0000


 0.0000, 0.0000,
0.0000


 65.5108, 57.7330,
47.2260


 65.5108, 57.7330,
47.2260


 58.9969, 48.2843,
34.0209


 73.2521, 68.8825,
63.1647

 53.6428, 40.4450,
23.3922

 82.2749, 81.8022,
81.9751

 49.3814, 34.1275,
15.1724

 92.6356, 96.5676,
103.7902

 46.1363, 29.2327,
9.1723

95.0500, 100.0000,
108.9000

■ 43.8214, 25.6493,
5.1747

■ 42.3358, 23.2496,
2.9182

■ 41.6553, 22.0907,
2.0684

Harmonies

Analogous

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



67.3874, 57.7330, 62.3548



65.5108, 57.7330, 47.2260



60.7518, 57.7330, 37.9551

Triad

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



65.5108, 57.7330, 47.2260



45.2986, 57.7330, 47.9569



55.0511, 57.7330, 102.5464

Complementary

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



65.5108, 57.7330, 47.2260



68.2382, 82.0130, 106.8413

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.



49.3871, 57.7330, 96.8053



65.5108, 57.7330, 47.2260



44.0134, 57.7330, 63.3708

Square

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



65.5108, 57.7330, 47.2260



49.1013, 57.7330, 38.3192



45.4549, 57.7330, 81.6151



61.0812, 57.7330, 96.1294

Rectangle

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



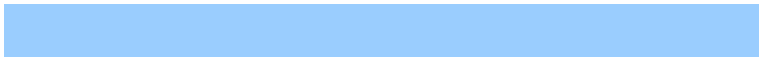
65.5108, 57.7330, 47.2260



56.7457, 57.7330, 35.3024



45.4549, 57.7330, 81.6151



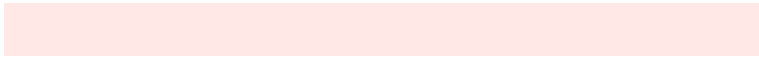
53.0429, 57.7330, 101.9663

Sweetspot

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



65.5122, 57.7357, 47.2271



84.3940, 84.8276, 86.4206



72.9415, 57.8508, 95.1560



17.7666, 17.7324, 17.8740



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.



65.5122, 57.7357, 47.2271



60.9248, 51.0892, 37.9032



74.9576, 76.6264, 50.3756



18.1699, 18.3080, 18.7205



21.8170, 11.6452, 1.0979



2.1741, 1.2336, 0.1235

Inverse Universe

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



68.2382, 82.0130, 106.8413



64.0477, 78.9918, 106.4790



57.3073, 60.1512, 103.1977



18.3745, 20.1205, 23.1652



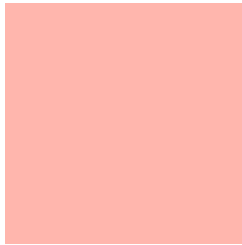
23.8527, 32.6149, 54.4727



2.3691, 3.2688, 5.3194

Previews

White Background



This preview shows how the XYZ color 65.5108, 57.7330, 47.2260 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 65.5108, 57.7330, 47.2260 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 65.5108, 57.7330, 47.2260

Background



This preview shows how black text looks on a background with the XYZ color 65.5108, 57.7330, 47.2260.



This preview shows how white text looks on a background with the XYZ color 65.5108, 57.7330,

47.2260.

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

65.5108, 57.7330, 47.2260

Protanopia

55.1102, 58.0958, 52.5650

Deuteranopia

59.0538, 57.9032, 46.5920



Tritanopia

67.1869, 57.7528, 58.0583

Trichromacy



Original Color

65.5108, 57.7330, 47.2260

Protanomaly

58.2580, 57.4022, 50.6570

Deuteranomaly

61.2406, 57.7245, 46.9439

Tritanomaly

66.6268, 57.8529, 54.1095

Monochromacy



Original Color

65.5108, 57.7330, 47.2260

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

59.1537, 58.3656, 58.0171

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.5108, 57.7330, 47.2260 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, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 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, 182, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 173) }
```

Border

The CSS property to change the border of an element to XYZ 65.5108, 57.7330, 47.2260 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, 173) }
```


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

```
.border{ border-color:rgb(255, 182, 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, 182, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 65.5108, 57.7330, 47.2260 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, 173) }
```

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

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