

Converting Colors

XYZ(64.2648, 57.9529, 46.4617)

Have a look what the booklet for
XYZ(64.2648, 57.9529, 46.4617)
contains.

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Color

**XYZ(64.1240, 57.9622,
46.3362)**

Conversions

Conversions Part 1

Format	Color
Hex	FAB9AB
RGB	250, 185, 171
RGB Percent	98%, 73%, 67%
CMY	0.0196, 0.2745, 0.3294
CMYK	0.00, 0.26, 0.32, 0.02
HSL	11°, 89%, 83%
HSV	11°, 32%, 98%
XYZ	64.1240, 57.9622, 46.3362
YIQ	202.8390, 43.2340, 9.4260

Conversions

Conversions Part 2

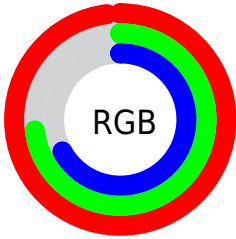
Format	Color
R _Y B	250, 188, 171
Decimal	16431531
CIE Lab	80.72, 21.64, 16.32
CIE LCh	81, 27.105, 37.020
Yxy	57.9622, 0.3807, 0.3441
Android (android.graphics.Color)	4294621611 (0xFF FAB9AB)
YUV	202.8390, -15.6966, 41.3602
Hunter-Lab	76.1329, 17.1115, 17.2078

Details

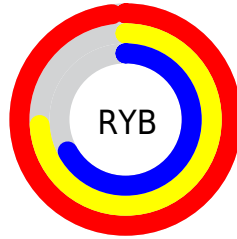
The XYZ color **64.1240, 57.9622, 46.3362** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.0444, 75.5484, 101.6495**, and the grayscale version is **56.7414, 59.6964, 65.0094**.

A 20% lighter version of the original color is **86.4228, 89.6616, 84.7030**, and **33.3193, 29.0409, 21.3021** is the 20% darker color. If you saturate the color by 10%, you get **57.9669, 49.1075, 33.6182**, and if you desaturate by 10%, it is **71.3574, 68.2476, 61.6376**.

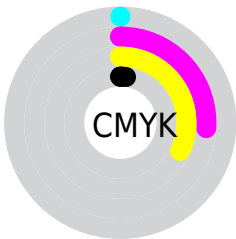
Distribution



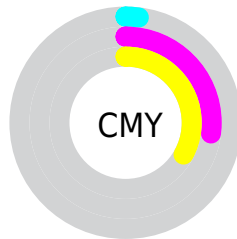
- Red (98%)
- Green (73%)
- Blue (67%)



- Red (98%)
- Yellow (74%)
- Blue (67%)



- Cyan (0%)
- Magenta (26%)
- Yellow (32%)
- Black (2%)





- Cyan (2%)
- Magenta (27%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.1240, 57.9622, 46.3362 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 64.1240, 57.9622, 46.3362 by changing the saturation by 10% instead.


 64.1240, 57.9622,
46.3362

 64.1240, 57.9622,
46.3362


429.2324,
417.0451, 388.4754

 47.0132, 41.7783,
32.1606


 109.8622,
101.8678, 86.0615

 33.2541, 28.9277,
21.2184

139.2203,
130.3583, 112.4483

 22.4813, 19.0261,
13.0909

173.3916,
163.7197, 143.7426

 14.3296, 11.6892,
7.3597

212.7414,
202.3365, 180.3629

 8.4335, 6.5324,
3.6062

257.6350,
246.5930, 222.7279

 4.4277, 3.1714,
1.4119

308.4378,

 1.9468, 1.2219,

296.8737, 271.2559

0.1510

365.5151,
353.5629, 326.3656

0.6038, 0.0795,
0.0000

0.0000, 0.0000,
0.0000

64.1240, 57.9622,
46.3362

64.1240, 57.9622,
46.3362

57.9669, 49.1075,
33.6182

71.3574, 68.2476,
61.6376

52.8293, 41.6118,
23.3371

79.7108, 80.0147,
79.6508

48.6563, 35.4096,
15.3369

89.2315, 93.3225,
100.5000

45.3856, 30.4267,
9.4423

93.2344, 99.0640,
108.8150

■ 42.9474, 26.5810,
5.4520

■ 41.2606, 23.7799,
3.1248

■ 40.3371, 22.1493,
2.1492

Harmonies

Analogous

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



66.4594, 57.9622, 59.4243



64.1240, 57.9622, 46.3362



59.3940, 57.9622, 38.8070

Triad

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



64.1240, 57.9622, 46.3362



45.7789, 57.9622, 51.8424



56.4150, 57.9622, 98.8472

Complementary

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



64.1240, 57.9622, 46.3362



64.0444, 75.5484, 101.6495

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.



51.0017, 57.9622, 95.8943



64.1240, 57.9622, 46.3362



45.0997, 57.9622, 66.9471

Square

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



64.1240, 57.9622, 46.3362



48.8715, 57.9622, 41.5906



46.9494, 57.9622, 83.5124



61.8177, 57.9622, 91.0090

Rectangle

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



64.1240, 57.9622, 46.3362



55.6519, 57.9622, 37.0968



46.9494, 57.9622, 83.5124



54.5345, 57.9622, 99.1024

Sweetspot

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



64.1255, 57.9649, 46.3374



85.8422, 87.1482, 88.6781



69.2494, 55.5551, 87.0668



18.0754, 18.2354, 18.3305



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.



64.1255, 57.9649, 46.3374



62.8044, 54.5005, 39.6024



73.3416, 76.3970, 49.4094



17.4934, 17.7226, 17.9612



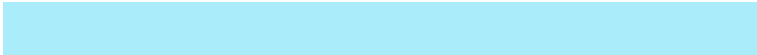
21.4684, 11.8935, 1.1642



2.0548, 1.2344, 0.1300

Inverse Universe

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



64.0444, 75.5484, 101.6495



62.6928, 75.5445, 105.8850



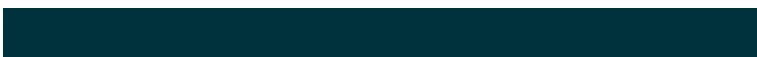
54.0925, 55.6448, 98.3322



17.4887, 19.0543, 22.1414



20.9153, 27.1862, 52.1187



2.0033, 2.6504, 4.8492

Previews

White Background



This preview shows how the XYZ color 64.1240, 57.9622, 46.3362 looks on a white background.

Color Contrast Check

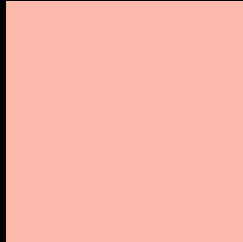
Large Text (above 18pt) WCAG AA × Fail

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 64.1240, 57.9622, 46.3362 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 64.1240, 57.9622, 46.3362

Background



This preview shows how black text looks on a background with the XYZ color 64.1240, 57.9622, 46.3362.



This preview shows how white text looks on a background with the XYZ color 64.1240, 57.9622,

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

64.1240, 57.9622, 46.3362

Protanopia

55.0855, 58.1185, 50.9625

Deuteranopia

59.1864, 57.9934, 45.6105



Tritanopia

66.8822, 57.8705, 59.2748

Trichromacy



Original Color

64.1240, 57.9622, 46.3362

Protanomaly

58.0920, 58.0121, 49.2100

Deuteranomaly

60.9290, 57.9063, 45.9959

Tritanomaly

65.7358, 57.6965, 54.1263

Monochromacy



Original Color

64.1240, 57.9622, 46.3362

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

58.6591, 58.4571, 57.4819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.1240, 57.9622, 46.3362 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(250, 185, 171)` looks like.

```
.text, #text, p{  
    color:rgb(250, 185, 171)  
}
```

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(250, 185, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 185, 171) }
```

Border

The CSS property to change the border of an element to XYZ 64.1240, 57.9622, 46.3362 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(250, 185, 171) }
```


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

```
.border{ border-color:rgb(250, 185, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 185, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(250, 185, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(250, 185, 171); box-shadow:4px 4px 4px 4px rgb(250, 185, 171) }
```

Background

The CSS property to change the background color of an element to XYZ 64.1240, 57.9622, 46.3362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 185, 171) }
```

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

```
.background{ background-color: rgb(250,  
185, 171) }
```

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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