

Converting Colors

XYZ(65.7576, 63.0672, 47.1178)

Have a look what the booklet for
XYZ(65.7576, 63.0672, 47.1178)
contains.

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Color

**XYZ(65.9025, 63.1026,
47.2347)**

Conversions

Conversions Part 1

Format	Color
Hex	F7C6AB
RGB	247, 198, 171
RGB Percent	97%, 78%, 67%
CMY	0.0314, 0.2235, 0.3294
CMYK	0.00, 0.20, 0.31, 0.03
HSL	21°, 83%, 82%
HSV	21°, 31%, 97%
XYZ	65.9025, 63.1026, 47.2347
YIQ	209.5730, 37.8710, 1.9910

Conversions

Conversions Part 2

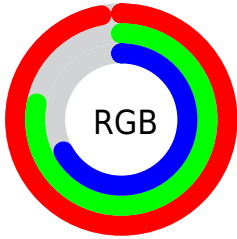
Format	Color
R _Y B	247, 213, 171
Decimal	16238251
CIE Lab	83.50, 13.68, 20.14
CIE LCh	83, 24.351, 55.815
Yxy	63.1026, 0.3739, 0.3580
Android (android.graphics.Color)	4294428331 (0xFFFF7C6AB)
YUV	209.5730, -19.0165, 32.8235
Hunter-Lab	79.4371, 9.0718, 20.3511

Details

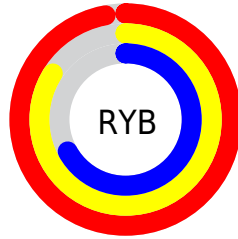
The XYZ color **65.9025, 63.1026, 47.2347** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.1755, 66.5575, 97.7237**, and the grayscale version is **61.0833, 64.2644, 69.9839**.

A 20% lighter version of the original color is **90.7275, 98.2710, 86.1379**, and **34.2893, 32.0972, 21.8409** is the 20% darker color. If you saturate the color by 10%, you get **60.3145, 55.3488, 34.8218**, and if you desaturate by 10%, it is **72.3164, 71.8036, 62.0947**.

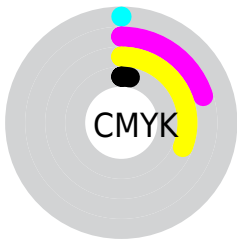
Distribution



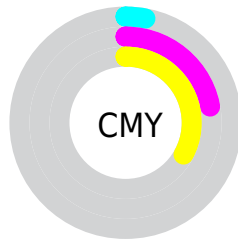
- Red (97%)
- Green (78%)
- Blue (67%)



- Red (97%)
- Yellow (84%)
- Blue (67%)



- Cyan (0%)
- Magenta (20%)
- Yellow (31%)
- Black (3%)





- Cyan (3%)
- Magenta (22%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.9025, 63.1026, 47.2347 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 65.9025, 63.1026, 47.2347 by changing the saturation by 10% instead.


 65.9025, 63.1026,
47.2347

 65.9025, 63.1026,
47.2347


435.5222,
435.9417, 392.1714

 48.4607, 45.9242,
32.8656


 112.4049,
109.3175, 87.4175

 34.4046, 32.1860,
21.7532

142.1962,
139.1228, 114.0682

 23.3690, 21.5036,
13.4791


176.8346,
173.9059, 145.6499

 14.9884, 13.4926,
7.6247

216.6856,
214.0512, 182.5811

 8.8975, 7.7686,
3.7714

262.1145,
259.9430, 225.2803

 4.7310, 3.9473,
1.5008

313.4867,

 2.1234, 1.6441,

311.9658, 274.1660

0.2185

371.1675,
370.5039, 329.6569

■ 0.7019, 0.3871,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.9025, 63.1026,
47.2347

■ 65.9025, 63.1026,
47.2347

■ 60.3145, 55.3488,
34.8218

■ 72.3164, 71.8036,
62.0947

■ 55.5113, 48.5000,
24.7189

■ 79.5852, 81.4746,
79.5210

■ 51.4550, 42.5236,
16.7811

■ 87.7425, 92.1484,
99.6295

■ 48.1025, 37.3815,
10.8455

■ 92.1678, 98.5142,
108.7651

■ 45.4055, 33.0323,
6.7254

■ 43.3078, 29.4299,
4.1982

■ 41.8284, 26.7154,
2.9520

Harmonies

Analogous

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



69.6522, 63.1026, 56.7378



65.9025, 63.1026, 47.2347



60.7257, 63.1026, 43.4629

Triad

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



65.9025, 63.1026, 47.2347



50.3539, 63.1026, 66.5949



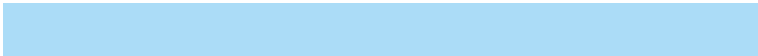
64.5370, 63.1026, 98.5565

Complementary

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



65.9025, 63.1026, 47.2347



59.1755, 66.5575, 97.7237

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.



59.2347, 63.1026, 102.2156



65.9025, 63.1026, 47.2347



51.2423, 63.1026, 82.2535

Square

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



65.9025, 63.1026, 47.2347



51.9165, 63.1026, 53.5446



54.4180, 63.1026, 95.8657



68.8317, 63.1026, 86.4938

Rectangle

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



65.9025, 63.1026, 47.2347



57.2356, 63.1026, 44.2261



54.4180, 63.1026, 95.8657



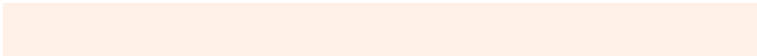
62.8048, 63.1026, 100.8797

Sweetspot

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



65.9041, 63.1055, 47.2360



87.0330, 89.5299, 89.0750



65.8924, 54.0892, 74.9560



18.3671, 18.8186, 18.4277



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.



65.9041, 63.1055, 47.2360



66.9731, 62.4826, 42.0871



75.5891, 82.4755, 50.4643



16.9809, 17.4460, 17.2700



22.2429, 14.3713, 1.6016



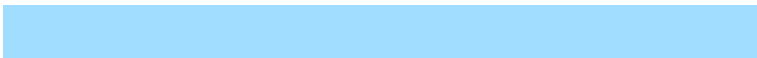
2.0482, 1.4496, 0.1719

Inverse Universe

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



59.1755, 66.5575, 97.7237



58.6594, 66.7246, 104.3952



50.3937, 48.9941, 94.7965



16.4724, 17.7092, 21.0926



15.5960, 16.9857, 48.9946



1.4674, 1.6862, 4.3384

Previews

White Background



This preview shows how the XYZ color 65.9025, 63.1026, 47.2347 looks on a white background.

Color Contrast Check

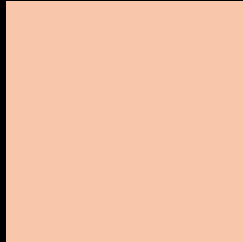
Large Text (above 18pt) WCAG AA × Fail

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 65.9025, 63.1026, 47.2347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

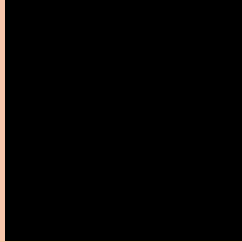
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.9025, 63.1026, 47.2347

Background



This preview shows how black text looks on a background with the XYZ color 65.9025, 63.1026, 47.2347.



This preview shows how white text looks on a background with the XYZ color 65.9025, 63.1026,

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

65.9025, 63.1026, 47.2347

Protanopia

59.6058, 63.3064, 50.1521

Deuteranopia

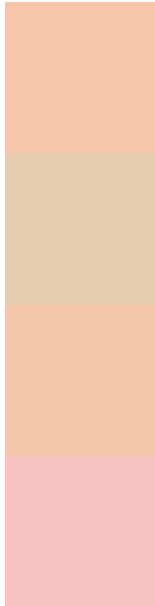
64.6229, 63.1261, 47.3066



Tritanopia

70.2388, 63.2032, 68.1720

Trichromacy



Original Color

65.9025, 63.1026, 47.2347

Protanomaly

61.5459, 62.8997, 48.9414

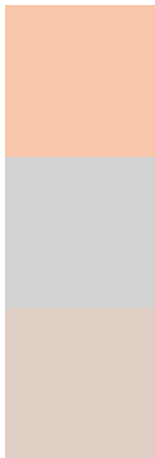
Deuteranomaly

65.0823, 63.0202, 47.2620

Tritanomaly

68.7898, 63.2943, 60.2212

Monochromacy



Original Color

65.9025, 63.1026, 47.2347

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.4665, 63.8161, 61.2500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9025, 63.1026, 47.2347 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, 198, 171)` looks like.

```
.text, #text, p{  
    color:rgb(247, 198, 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(247, 198, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 198, 171) }
```

Border

The CSS property to change the border of an element to XYZ 65.9025, 63.1026, 47.2347 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, 198, 171) }
```


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

```
.border{ border-color:rgb(247, 198, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 198, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 198, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 198, 171);  
box-shadow:4px 4px 4px 4px rgb(247, 198,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9025, 63.1026, 47.2347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 198, 171) }
```

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

```
.background{ background-color: rgb(247,  
198, 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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