

Converting Colors

XYZ(69.4993, 66.1158, 47.2778)

Have a look what the booklet for
XYZ(69.4993, 66.1158, 47.2778)
contains.

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Color

**XYZ(69.3823, 65.9356,
47.1002)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC9AA
RGB	255, 201, 170
RGB Percent	100%, 79%, 67%
CMY	0.0000, 0.2117, 0.3333
CMYK	0.00, 0.21, 0.33, 0.00
HSL	22°, 100%, 83%
HSV	22°, 33%, 100%
XYZ	69.3823, 65.9356, 47.1002
YIQ	213.6120, 42.1350, 1.8070

Conversions

Conversions Part 2

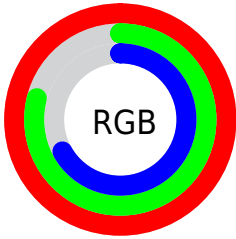
Format	Color
R _Y B	255, 219, 170
Decimal	16763306
CIE Lab	84.96, 15.01, 22.82
CIE LCh	85, 27.314, 56.656
Yxy	65.9356, 0.3803, 0.3615
Android (android.graphics.Color)	4294953386 (0xFFFFC9AA)
YUV	213.6120, -21.5007, 36.2973
Hunter-Lab	81.2007, 10.4188, 22.4496

Details

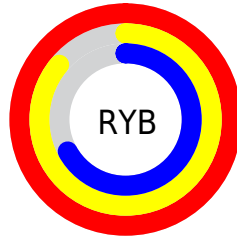
The XYZ color **69.3823, 65.9356, 47.1002** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **61.2822, 69.0748, 104.7105**, and the grayscale version is **63.7773, 67.0986, 73.0704**.

A 20% lighter version of the original color is **90.5906, 98.2162, 85.4172**, and **36.7297, 34.0458, 21.7752** is the 20% darker color. If you saturate the color by 10%, you get **63.6213, 57.9067, 34.4109**, and if you desaturate by 10%, it is **76.0128, 74.9543, 62.3889**.

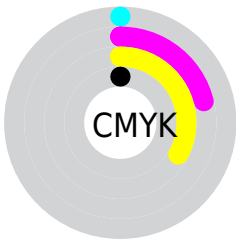
Distribution



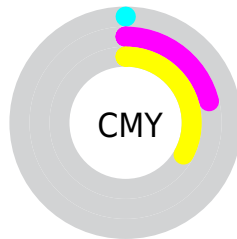
- Red (100%)
- Green (79%)
- Blue (67%)



- Red (100%)
- Yellow (86%)
- Blue (67%)



- Cyan (0%)
- Magenta (21%)
- Yellow (33%)
- Black (0%)





- Cyan (0%)
- Magenta (21%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.3823, 65.9356, 47.1002 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 69.3823, 65.9356, 47.1002 by changing the saturation by 10% instead.


 69.3823, 65.9356,
47.1002

 69.3823, 65.9356,
47.1002

447.6785,
446.1465, 391.6197

 51.3009, 48.2201,
32.7600


 117.3585,
113.3939, 87.2147

 36.6701, 34.0012,
21.6730


147.9841,
143.9055, 113.8261

 25.1247, 22.8946,
13.4208


183.5217,
179.4513, 145.3649

 16.2992, 14.5157,
7.5848


224.3367,
220.4156, 182.2497

 9.8283, 8.4802,
3.7465

270.7946,
267.1829, 224.8990

 5.3467, 4.4037,
1.4873

323.2606,

 2.4889, 1.9019,

320.1376, 273.7315

0.2085

382.1001,
379.6640, 329.1655

■ 0.8897, 0.5495,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.3823, 65.9356,
47.1002

■ 69.3823, 65.9356,
47.1002

■ 63.6213, 57.9067,
34.4109

■ 76.0128, 74.9543,
62.3889

■ 58.6854, 50.8230,
24.1700

■ 83.5445, 84.9869,
80.4086

■ 54.5332, 44.6496,
16.2168

■ 92.0136, 96.0685,
101.2864

■ 51.1176, 39.3458,
10.3694

95.0500, 100.0000,
108.9000

■ 48.3852, 34.8673,
6.4177

■ 46.2730, 31.1642,
4.1068

■ 45.1558, 29.0916,
3.2353

Harmonies

Analogous

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



73.8184, 65.9356, 57.6738



69.3823, 65.9356, 47.1002



63.3607, 65.9356, 43.0644

Triad

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



69.3823, 65.9356, 47.1002



51.6125, 65.9356, 69.8391



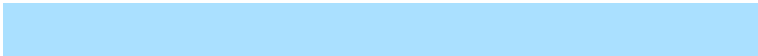
68.1141, 65.9356, 106.4288

Complementary

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



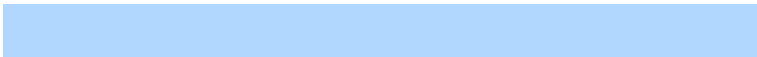
69.3823, 65.9356, 47.1002



61.2822, 69.0748, 104.7105

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.



61.9839, 65.9356, 111.0901



69.3823, 65.9356, 47.1002



52.7044, 65.9356, 88.0460

Square

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



69.3823, 65.9356, 47.1002



53.3201, 65.9356, 54.7729



56.4049, 65.9356, 103.8861



73.0532, 65.9356, 92.0167

Rectangle

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



69.3823, 65.9356, 47.1002



59.3482, 65.9356, 44.0392



56.4049, 65.9356, 103.8861



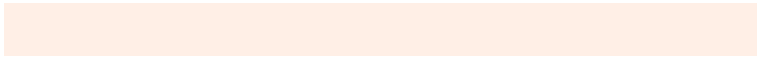
66.1131, 65.9356, 109.2802

Sweetspot

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



69.3840, 65.9387, 47.1015



86.2613, 88.5621, 87.0430



69.2398, 55.4600, 78.4690



18.2155, 18.6302, 18.0236



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.



69.3840, 65.9387, 47.1015



65.4480, 60.4764, 38.3606



80.3225, 87.8156, 50.7477



18.5518, 19.0718, 18.8478



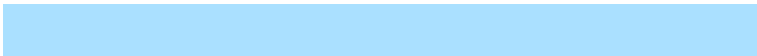
23.7241, 15.4595, 1.7336



2.4096, 1.7046, 0.2020

Inverse Universe

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



61.2822, 69.0748, 104.7105



56.2047, 64.0280, 104.0041



51.5102, 49.5307, 101.4532



17.9651, 19.3018, 23.0287



16.3283, 17.5661, 51.9646



1.6939, 1.9185, 5.0943

Previews

White Background



This preview shows how the XYZ color 69.3823, 65.9356, 47.1002 looks on a white background.

Color Contrast Check

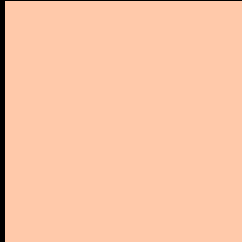
Large Text (above 18pt) WCAG AA × Fail

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 69.3823, 65.9356, 47.1002 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 69.3823, 65.9356, 47.1002

Background



This preview shows how black text looks on a background with the XYZ color 69.3823, 65.9356, 47.1002.



This preview shows how white text looks on a background with the XYZ color 69.3823, 65.9356,

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

69.3823, 65.9356, 47.1002

Protanopia

62.3327, 66.1897, 50.0480

Deuteranopia

67.4657, 66.0068, 46.7209



Tritanopia

72.9641, 65.8957, 70.5015

Trichromacy



Original Color

69.3823, 65.9356, 47.1002

Protanomaly

64.6908, 65.9617, 48.8575

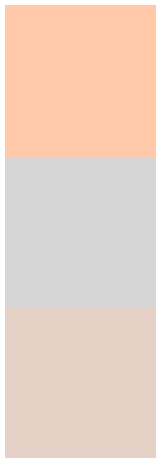
Deuteranomaly

68.3010, 66.0857, 46.6921

Tritanomaly

71.3979, 65.6337, 61.1300

Monochromacy



Original Color

69.3823, 65.9356, 47.1002

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

65.3066, 66.3362, 62.7882

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3823, 65.9356, 47.1002 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, 201, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 170)  
}
```

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, 201, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 170) }
```

Border

The CSS property to change the border of an element to XYZ 69.3823, 65.9356, 47.1002 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, 201, 170) }
```


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

```
.border{ border-color:rgb(255, 201, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 201, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3823, 65.9356, 47.1002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 170) }
```

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

```
.background{ background-color: rgb(255,  
201, 170) }
```

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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