

Converting Colors

XYZ(67.7301, 66.0460, 43.4597)

Have a look what the booklet for
XYZ(67.7301, 66.0460, 43.4597)
contains.

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Color

**XYZ(67.8981, 66.3036,
43.4017)**

Conversions

Conversions Part 1

Format	Color
Hex	FBCCA2
RGB	251, 204, 162
RGB Percent	98%, 80%, 64%
CMY	0.0157, 0.2000, 0.3647
CMYK	0.00, 0.19, 0.35, 0.02
HSL	28°, 92%, 81%
HSV	28°, 35%, 98%
XYZ	67.8981, 66.3036, 43.4017
YIQ	213.2650, 41.4940, -3.0980

Conversions

Conversions Part 2

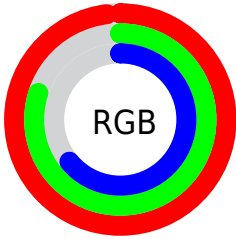
Format	Color
R _{YB}	251, 242, 162
Decimal	16501922
CIE Lab	85.15, 10.97, 27.21
CIE LCh	85, 29.337, 68.037
Yxy	66.3036, 0.3823, 0.3733
Android (android.graphics.Color)	4294692002 (0xFFFBCCA2)
YUV	213.2650, -25.2736, 33.0936
Hunter-Lab	81.4270, 6.3453, 25.3965

Details

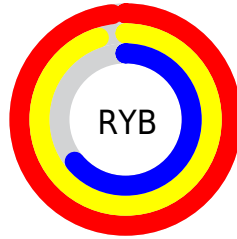
The XYZ color **67.8981, 66.3036, 43.4017** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.1126, 60.2453, 99.9905**, and the grayscale version is **63.5691, 66.8797, 72.8320**.

A 20% lighter version of the original color is **89.5244, 97.7898, 79.8025**, and **35.7131, 34.2759, 19.4855** is the 20% darker color. If you saturate the color by 10%, you get **62.8689, 59.4665, 31.7946**, and if you desaturate by 10%, it is **73.6441, 73.8613, 57.4461**.

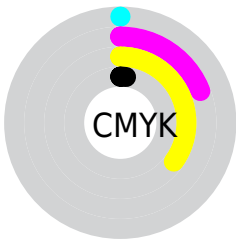
Distribution



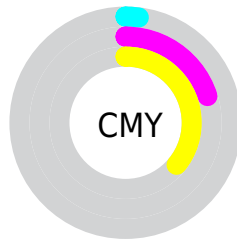
- Red (98%)
- Green (80%)
- Blue (64%)



- Red (98%)
- Yellow (95%)
- Blue (64%)



- Cyan (0%)
- Magenta (19%)
- Yellow (35%)
- Black (2%)





- Cyan (2%)
- Magenta (20%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.8981, 66.3036, 43.4017 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 67.8981, 66.3036, 43.4017 by changing the saturation by 10% instead.


 67.8981, 66.3036,
43.4017


 67.8981, 66.3036,
43.4017


442.5173,
447.4619, 376.2308

 50.0882, 48.5189,
29.8667


 115.2491,
113.9220, 81.6095

 35.7016, 34.2380,
19.4862

 145.5209,
144.5244, 107.1194

 24.3728, 23.0765,
11.8418


180.6773,
180.1683, 137.4581

 15.7367, 14.6500,
6.5148

221.0838,
221.2379, 173.0439

 9.4277, 8.5741,
3.0868

267.1057,
268.1176, 214.2956

 5.0805, 4.4645,
1.1391

319.1084,

 2.3298, 1.9366,

321.1920, 261.6316

0.0000

377.4571,
380.8452, 315.4705

0.8099, 0.5703,
0.0000

0.0000, 0.0000,
0.0000

67.8981, 66.3036,
43.4017

67.8981, 66.3036,
43.4017

62.8689, 59.4665,
31.7946

73.6441, 73.8613,
57.4461

58.5182, 53.3166,
22.4783

80.1327, 82.1527,
74.0545

54.8113, 47.8315,
15.2966

87.3945, 91.2025,
93.3498

51.7076, 42.9834,
10.0717

93.5937, 99.2492,
108.8318

■ 49.1609, 38.7418,
6.5964

■ 47.1150, 35.0716,
4.6152

■ 46.3170, 33.5758,
4.0396

Harmonies

Analogous

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



73.5794, 66.3036, 51.9907



67.8981, 66.3036, 43.4017



61.2576, 66.3036, 41.7936

Triad

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



67.8981, 66.3036, 43.4017



51.2438, 66.3036, 77.4082



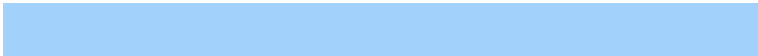
71.1877, 66.3036, 104.8580

Complementary

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



67.8981, 66.3036, 43.4017



55.1126, 60.2453, 99.9905

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.



64.8151, 66.3036, 114.6110



67.8981, 66.3036, 43.4017



53.5218, 66.3036, 97.0498

Square

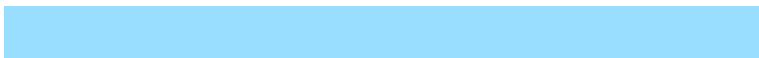
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.8981, 66.3036, 43.4017



51.9424, 66.3036, 59.4067



58.3805, 66.3036, 111.5279



75.5693, 66.3036, 86.6945

Rectangle

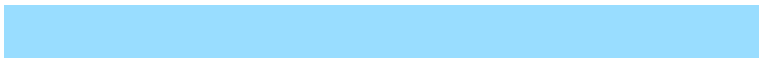
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.8981, 66.3036, 43.4017



57.2271, 66.3036, 44.5744



58.3805, 66.3036, 111.5279



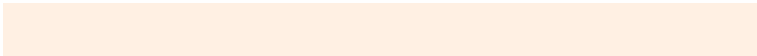
69.1904, 66.3036, 109.3615

Sweetspot

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



67.8998, 66.3067, 43.4030



86.3139, 89.2347, 85.3117



64.2709, 50.9772, 67.0777



18.2590, 18.8303, 17.6895



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.



67.8998, 66.3067, 43.4030



66.3672, 63.2938, 35.6488



79.8831, 90.2732, 47.3975



17.9202, 18.5762, 18.1035



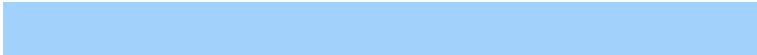
24.4894, 17.9354, 2.1711



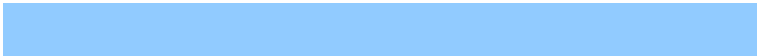
2.3733, 1.8715, 0.2362

Inverse Universe

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



55.1126, 60.2453, 99.9905



51.2035, 56.1009, 102.7376



45.7627, 41.5455, 96.8739



17.0417, 18.1603, 21.9924



13.6754, 12.7064, 49.7054



1.3728, 1.3892, 4.6390

Previews

White Background



This preview shows how the XYZ color 67.8981, 66.3036, 43.4017 looks on a white background.

Color Contrast Check

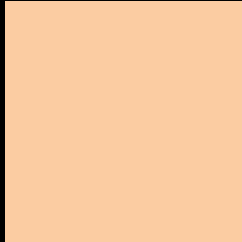
Large Text (above 18pt) WCAG AA × Fail

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 67.8981, 66.3036, 43.4017 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 67.8981, 66.3036, 43.4017

Background



This preview shows how black text looks on a background with the XYZ color 67.8981, 66.3036, 43.4017.



This preview shows how white text looks on a background with the XYZ color 67.8981, 66.3036,

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

67.8981, 66.3036, 43.4017

Protanopia

62.3557, 66.6726, 45.6590

Deuteranopia

67.5388, 66.1184, 43.3849



Tritanopia

73.3177, 66.4016, 71.2399

Trichromacy



Original Color

67.8981, 66.3036, 43.4017

Protanomaly

64.4302, 66.6427, 45.0648

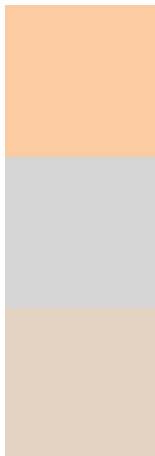
Deuteranomaly

67.5388, 66.1184, 43.3849

Tritanomaly

71.2649, 66.2744, 60.0751

Monochromacy



Original Color

67.8981, 66.3036, 43.4017

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.4628, 66.3191, 60.4423

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.8981, 66.3036, 43.4017 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(251, 204, 162) looks like.

```
.text, #text, p{  
    color:rgb(251, 204, 162)  
}
```

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(251, 204, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 204, 162) }
```

Border

The CSS property to change the border of an element to XYZ 67.8981, 66.3036, 43.4017 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(251, 204, 162) }
```


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

```
.border{ border-color:rgb(251, 204, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 204, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 204, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 204, 162); box-shadow:4px 4px 4px 4px rgb(251, 204, 162) }
```

Background

The CSS property to change the background color of an element to XYZ 67.8981, 66.3036, 43.4017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 204, 162) }
```

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

```
.background{ background-color: rgb(251,  
204, 162) }
```

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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