

Converting Colors

XYZ(134.4867, 100.0000,
43.1155)

Have a look what the booklet for
XYZ(134.4867, 100.0000, 43.1155)
contains.

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Color

**XYZ(68.2769, 65.8676,
40.1255)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCA9B
RGB	255, 202, 155
RGB Percent	100%, 79%, 61%
CMY	0.0000, 0.2078, 0.3921
CMYK	0.00, 0.21, 0.39, 0.00
HSL	28°, 100%, 80%
HSV	28°, 39%, 100%
XYZ	68.2769, 65.8676, 40.1255
YIQ	212.4890, 46.6750, -3.3810

Conversions

Conversions Part 2

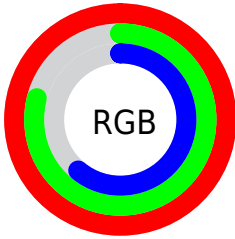
Format	Color
R _Y B	255, 244, 155
Decimal	16763547
CIE Lab	84.93, 12.76, 30.63
CIE LCh	85, 33.178, 67.382
Yxy	65.8676, 0.3918, 0.3780
Android (android.graphics.Color)	4294953627 (0xFFFFCA9B)
YUV	212.4890, -28.3421, 37.2821
Hunter-Lab	81.1589, 8.1396, 27.4978

Details

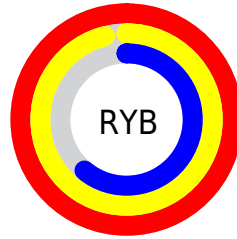
The XYZ color **68.2769, 65.8676, 40.1255** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.1226, 59.2982, 103.2007**, and the grayscale version is **63.0674, 66.3518, 72.2571**.

A 20% lighter version of the original color is **88.6329, 97.4331, 75.1078**, and **36.0640, 34.0294, 17.4995** is the 20% darker color. If you saturate the color by 10%, you get **63.3246, 59.0358, 29.0017**, and if you desaturate by 10%, it is **73.9625, 73.4419, 53.7260**.

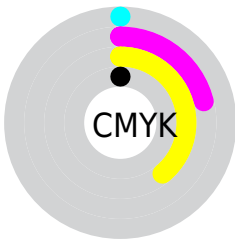
Distribution



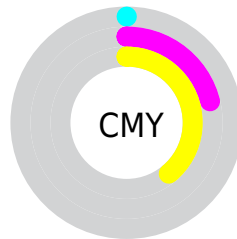
- Red (100%)
- Green (79%)
- Blue (61%)



- Red (100%)
- Yellow (96%)
- Blue (61%)



- Cyan (0%)
- Magenta (21%)
- Yellow (39%)
- Black (0%)





- Cyan (0%)
- Magenta (21%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.2769, 65.8676, 40.1255 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 68.2769, 65.8676, 40.1255 by changing the saturation by 10% instead.


 68.2769, 65.8676,
40.1255


 68.2769, 65.8676,
40.1255


443.8378,
445.9032, 362.2201

 50.3975, 48.1649,
27.3219


 115.7879,
113.2963, 76.5938

 35.9485, 33.9575,
17.5805


 146.1503,
143.7911, 101.0955

 24.5643, 22.8610,
10.4829


181.4044,
179.3187, 130.3336

 15.8798, 14.4909,
5.6106

221.9155,
220.2636, 164.7268

 9.5294, 8.4629,
2.5448

268.0491,
267.0101, 204.6935

 5.1479, 4.3925,
0.8638

320.1704,

 2.3700, 1.8955,

319.9426, 250.6522

0.0000

378.6449,
379.4455, 303.0216

■ 0.8301, 0.5457,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.2769, 65.8676,
40.1255

■ 68.2769, 65.8676,
40.1255

■ 63.3246, 59.0358,
29.0017

■ 73.9625, 73.4419,
53.7260

■ 59.0647, 52.9114,
20.1971

■ 80.4094, 81.7735,
69.9395

■ 55.4596, 47.4701,
13.5420

■ 87.6500, 90.8884,
88.8970

■ 52.4650, 42.6819,
8.8416

95.0499, 100.0000,
108.9000

■ 50.0295, 38.5132,
5.8646

■ 48.0792, 34.9209,
4.2638

■ 47.9401, 34.6603,
4.1634

Harmonies

Analogous

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



74.6903, 65.8676, 49.5850



68.2769, 65.8676, 40.1255



60.7828, 65.8676, 38.2444

Triad

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



68.2769, 65.8676, 40.1255



49.4476, 65.8676, 77.1195



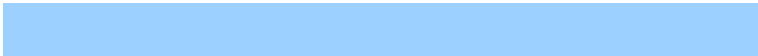
71.7102, 65.8676, 109.5020

Complementary

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



68.2769, 65.8676, 40.1255



54.1226, 59.2982, 103.2007

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.



64.4636, 65.8676, 120.5768



68.2769, 65.8676, 40.1255



51.8994, 65.8676, 99.6180

Square

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



68.2769, 65.8676, 40.1255



50.2922, 65.8676, 57.0710



57.2566, 65.8676, 116.6404



76.7797, 65.8676, 88.6798

Rectangle

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



68.2769, 65.8676, 40.1255



56.2458, 65.8676, 41.1120



57.2566, 65.8676, 116.6404



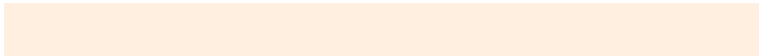
69.4267, 65.8676, 114.6587

Sweetspot

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



68.2786, 65.8707, 40.1268



85.5521, 88.2700, 83.3345



64.3879, 49.2738, 66.0075



18.1057, 18.6351, 17.2948



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.



68.2786, 65.8707, 40.1268



64.3608, 60.4875, 31.2602



81.8623, 93.0382, 44.6547



18.7134, 19.3950, 18.9016



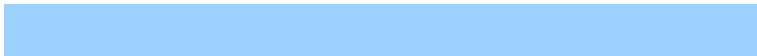
25.1964, 18.4040, 2.2243



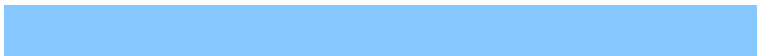
2.5615, 2.0085, 0.2527

Inverse Universe

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



54.1226, 59.2982, 103.2007



48.4120, 53.0757, 102.3008



43.8520, 38.7570, 99.7772



17.8000, 18.9715, 22.9737



14.1194, 13.1484, 51.2283



1.4842, 1.4991, 5.0244

Previews

White Background



This preview shows how the XYZ color 68.2769, 65.8676, 40.1255 looks on a white background.

Color Contrast Check

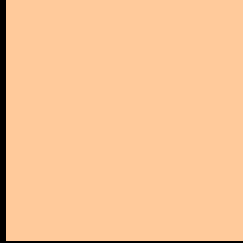
Large Text (above 18pt) WCAG AA × Fail

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 68.2769, 65.8676, 40.1255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

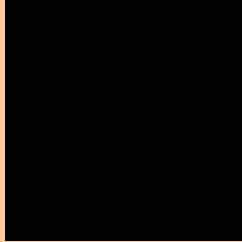
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.2769, 65.8676, 40.1255

Background



This preview shows how black text looks on a background with the XYZ color 68.2769, 65.8676, 40.1255.



This preview shows how white text looks on a background with the XYZ color 68.2769, 65.8676,

40.1255.

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

68.2769, 65.8676, 40.1255

Protanopia

61.4800, 65.9211, 42.2846

Deuteranopia

67.0560, 65.5877, 40.1358



Tritanopia

72.8391, 65.8456, 69.8432

Trichromacy



Original Color

68.2769, 65.8676, 40.1255

Protanomaly

63.6525, 65.5849, 41.6521

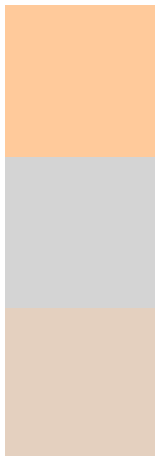
Deuteranomaly

67.4172, 65.7739, 40.1527

Tritanomaly

70.9577, 65.8246, 57.6807

Monochromacy



Original Color

68.2769, 65.8676, 40.1255

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.9548, 65.3673, 58.5366

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.2769, 65.8676, 40.1255 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, 202, 155)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 155)  
}
```

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, 202, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 155) }
```

Border

The CSS property to change the border of an element to XYZ 68.2769, 65.8676, 40.1255 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, 202, 155) }
```


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

```
.border{ border-color:rgb(255, 202, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 202, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 155);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 68.2769, 65.8676, 40.1255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 155) }
```

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

```
.background{ background-color: rgb(255,  
202, 155) }
```

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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