

Converting Colors

XYZ(79.4322, 71.7940, 34.7110)

Have a look what the booklet for
XYZ(79.4322, 71.7940, 34.7110)
contains.

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Color

**XYZ(67.1682, 65.4241,
34.2873)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCA8D
RGB	255, 202, 141
RGB Percent	100%, 79%, 55%
CMY	0.0000, 0.2078, 0.4471
CMYK	0.00, 0.21, 0.45, 0.00
HSL	32°, 100%, 78%
HSV	32°, 45%, 100%
XYZ	67.1682, 65.4241, 34.2873
YIQ	210.8930, 51.1690, -7.7350

Conversions

Conversions Part 2

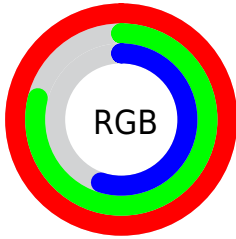
Format	Color
R _Y B	240, 255, 141
Decimal	16763533
CIE Lab	84.70, 11.30, 37.56
CIE LCh	85, 39.220, 73.253
Yxy	65.4241, 0.4025, 0.3920
Android (android.graphics.Color)	4294953613 (0xFFFFCA8D)
YUV	210.8930, -34.4572, 38.6818
Hunter-Lab	80.8852, 6.6799, 31.4865

Details

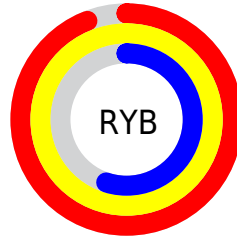
The XYZ color **67.1682, 65.4241, 34.2873** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.3255, 51.4643, 101.9940**, and the grayscale version is **62.0443, 65.2754, 71.0849**.

A 20% lighter version of the original color is **86.8503, 96.7201, 65.7211**, and **35.2003, 33.6538, 14.3134** is the 20% darker color. If you saturate the color by 10%, you get **62.8099, 59.4024, 24.5269**, and if you desaturate by 10%, it is **72.1802, 72.0541, 46.4219**.

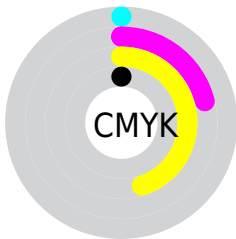
Distribution



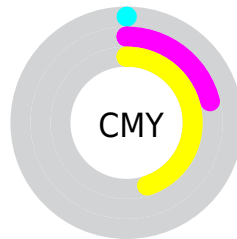
- Red (100%)
- Green (79%)
- Blue (55%)



- Red (94%)
- Yellow (100%)
- Blue (55%)



- Cyan (0%)
- Magenta (21%)
- Yellow (45%)
- Black (0%)





- Cyan (0%)
- Magenta (21%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.1682, 65.4241, 34.2873 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 67.1682, 65.4241, 34.2873 by changing the saturation by 10% instead.


 67.1682, 65.4241,
34.2873

 67.1682, 65.4241,
34.2873


439.9663,
444.3144, 336.2194


 49.4925, 47.8051,
22.8353


 114.2099,
112.6594, 67.5192

 35.2265, 33.6725,
14.2678


 144.3066,
143.0444, 90.1361

 24.0047, 22.6421,
8.1663


 179.2743,
178.4535, 117.3117

 15.4619, 14.3295,
4.1122

219.4785,
219.2711, 149.4646

 9.2326, 8.3502,
1.6871

265.2844,
265.8816, 187.0133

 4.9515, 4.3198,
0.3519

317.0574,

 2.2533, 1.8540,

318.6694, 230.3763

0.0000

375.1630,
378.0189, 279.9721

■ 0.7706, 0.5205,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.1682, 65.4241,
34.2873

■ 67.1682, 65.4241,
34.2873

■ 62.8099, 59.4024,
24.5269

■ 72.1802, 72.0541,
46.4219

■ 59.0653, 53.9579,
16.9752

■ 77.8733, 79.3033,
61.0731

■ 55.8968, 49.0702,
11.4512

■ 84.2787, 87.1939,
78.3767

■ 53.2595, 44.7131,
7.7431

■ 91.4242, 95.7439,
98.4574

■ 51.0988, 40.8563, 95.0499, 99.9999,
5.5908 108.9000

■ 50.1090, 38.9981,
4.8864

Harmonies

Analogous

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



75.2861, 65.4241, 43.0131



67.1682, 65.4241, 34.2873



58.3989, 65.4241, 33.8215

Triad

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



67.1682, 65.4241, 34.2873



47.1773, 65.4241, 82.8856



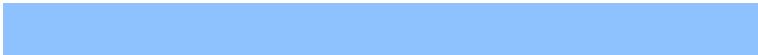
74.4635, 65.4241, 112.4974

Complementary

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



67.1682, 65.4241, 34.2873



48.3255, 51.4643, 101.9940

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.



66.1285, 65.4241, 129.3130



67.1682, 65.4241, 34.2873



50.6971, 65.4241, 109.6983

Square

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



67.1682, 65.4241, 34.2873



47.3989, 65.4241, 58.2114



57.4520, 65.4241, 128.1826



79.7615, 65.4241, 86.0709

Rectangle

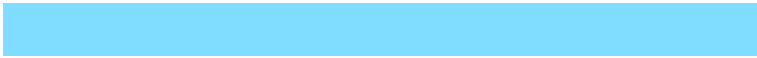
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.1682, 65.4241, 34.2873



53.3913, 65.4241, 38.0118



57.4520, 65.4241, 128.1826



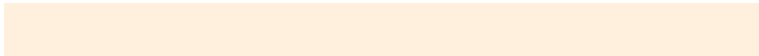
71.8919, 65.4241, 119.7115

Sweetspot

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



67.1698, 65.4272, 34.2886



85.4442, 88.6048, 81.6009



60.5253, 44.2144, 56.5016



17.9666, 18.5750, 16.5759



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.



67.1698, 65.4272, 34.2886



63.0969, 59.8080, 25.1408



80.4234, 93.9893, 39.1031



18.8144, 19.5970, 18.9353



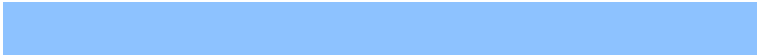
26.3342, 20.6795, 2.6036



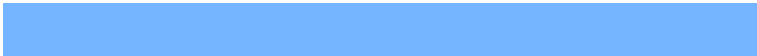
2.6735, 2.2323, 0.2900

Inverse Universe

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



48.3255, 51.4643, 101.9940



42.0138, 44.1973, 100.9243



39.2173, 32.2721, 98.7696



17.6990, 18.7697, 22.9400



12.9960, 10.9015, 50.8538



1.3734, 1.2775, 4.9875

Previews

White Background



This preview shows how the XYZ color 67.1682, 65.4241, 34.2873 looks on a white background.

Color Contrast Check

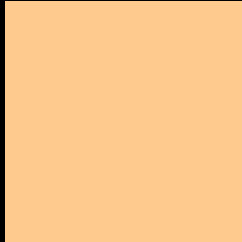
Large Text (above 18pt) WCAG AA × Fail

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 67.1682, 65.4241, 34.2873 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 67.1682, 65.4241, 34.2873

Background



This preview shows how black text looks on a background with the XYZ color 67.1682, 65.4241, 34.2873.



This preview shows how white text looks on a background with the XYZ color 67.1682, 65.4241,

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

67.1682, 65.4241, 34.2873

Protanopia

60.9674, 65.7893, 36.2733

Deuteranopia

66.8013, 65.2350, 34.2701



Tritanopia

72.4886, 65.3433, 69.1136

Trichromacy



Original Color

67.1682, 65.4241, 34.2873

Protanomaly

62.8498, 65.3025, 35.6777

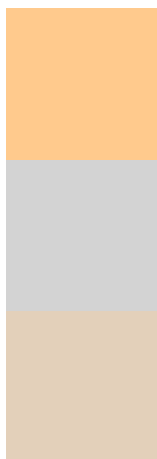
Deuteranomaly

66.8013, 65.2350, 34.2701

Tritanomaly

70.0858, 65.1089, 54.2207

Monochromacy



Original Color

67.1682, 65.4241, 34.2873

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

63.0974, 64.9878, 55.6727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.1682, 65.4241, 34.2873 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, 141)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 141)  
}
```

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, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 141) }
```

Border

The CSS property to change the border of an element to XYZ 67.1682, 65.4241, 34.2873 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, 141) }
```


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

```
.border{ border-color:rgb(255, 202, 141) }
```

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, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 141);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 67.1682, 65.4241, 34.2873 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, 141) }
```

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

```
.background{ background-color: rgb(255,  
202, 141) }
```

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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