

Converting Colors

XYZ(119.0408, 92.1361,
34.5342)

Have a look what the booklet for
XYZ(119.0408, 92.1361, 34.5342)
contains.

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Color

**XYZ(66.7337, 65.2503,
31.9990)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCA87
RGB	255, 202, 135
RGB Percent	100%, 79%, 53%
CMY	0.0000, 0.2078, 0.4706
CMYK	0.00, 0.21, 0.47, 0.00
HSL	34°, 100%, 76%
HSV	34°, 47%, 100%
XYZ	66.7337, 65.2503, 31.9990
YIQ	210.2090, 53.0950, -9.6010

Conversions

Conversions Part 2

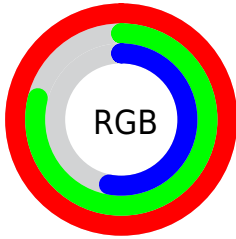
Format	Color
R _Y B	230, 255, 135
Decimal	16763527
CIE Lab	84.61, 10.72, 40.50
CIE LCh	85, 41.895, 75.170
Yxy	65.2503, 0.4070, 0.3979
Android (android.graphics.Color)	4294953607 (0xFFFFCA87)
YUV	210.2090, -37.0780, 39.2817
Hunter-Lab	80.7777, 6.1052, 33.0574

Details

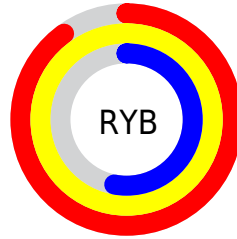
The XYZ color **66.7337, 65.2503, 31.9990** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.0242, 48.3355, 101.5115**, and the grayscale version is **61.6088, 64.8173, 70.5860**.

A 20% lighter version of the original color is **86.1853, 96.4541, 62.2192**, and **34.9551, 33.5557, 13.0221** is the 20% darker color. If you saturate the color by 10%, you get **62.6026, 59.5255, 22.8002**, and if you desaturate by 10%, it is **71.4908, 71.5390, 43.5289**.

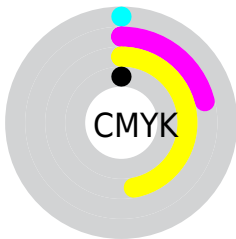
Distribution



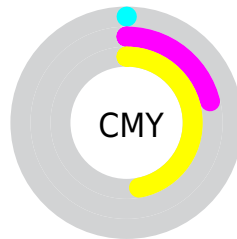
- Red (100%)
- Green (79%)
- Blue (53%)



- Red (90%)
- Yellow (100%)
- Blue (53%)



- Cyan (0%)
- Magenta (21%)
- Yellow (47%)
- Black (0%)




- Cyan (0%)
- Magenta (21%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.7337, 65.2503, 31.9990 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 66.7337, 65.2503, 31.9990 by changing the saturation by 10% instead.


 66.7337, 65.2503,
31.9990

 66.7337, 65.2503,
31.9990


438.4437,
443.6909, 325.6073


 49.1381, 47.6641,
21.0959


 113.5907,
112.4096, 63.9074

 34.9441, 33.5609,
13.0022


 143.5828,
142.7515, 85.7498

 23.7861, 22.5565,
7.2993


 178.4378,
178.1141, 112.0758

 15.2989, 14.2664,
3.5687

218.5210,
218.8817, 143.3038

 9.1171, 8.3062,
1.3919

264.1979,
265.4388, 179.8524

 4.8754, 4.2915,
0.1354

315.8337,

 2.2083, 1.8379,

318.1698, 222.1402

0.0000

373.7939,
377.4590, 270.5856

■ 0.7471, 0.5106,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.7337, 65.2503,
31.9990

■ 66.7337, 65.2503,
31.9990

■ 62.6026, 59.5255,
22.8002

■ 71.4908, 71.5390,
43.5289

■ 59.0575, 54.3346,
15.7629

■ 76.9011, 78.4014,
57.5354

■ 56.0603, 49.6582,
10.7006

■ 82.9960, 85.8586,
74.1565

■ 53.5649, 45.4707,
7.3926

■ 89.8028, 93.9276,
93.5190

■ 51.5137, 41.7419,
5.5573

95.0499, 100.0000,
108.9000

■ 50.9706, 40.7213,
5.1736

Harmonies

Analogous

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



75.5728, 65.2503, 40.4359



66.7337, 65.2503, 31.9990



57.4330, 65.2503, 32.0454

Triad

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



66.7337, 65.2503, 31.9990



46.2381, 65.2503, 85.3857



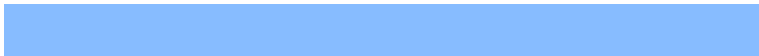
75.6587, 65.2503, 113.8672

Complementary

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



66.7337, 65.2503, 31.9990



46.0242, 48.3355, 101.5115

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.



66.8417, 65.2503, 133.2090



66.7337, 65.2503, 31.9990



50.1902, 65.2503, 114.1626

Square

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



66.7337, 65.2503, 31.9990



46.2155, 65.2503, 58.6685



57.5307, 65.2503, 133.3289



81.0666, 65.2503, 85.0534

Rectangle

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



66.7337, 65.2503, 31.9990



52.2310, 65.2503, 36.7284



57.5307, 65.2503, 133.3289



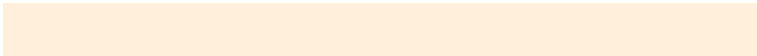
72.9581, 65.2503, 121.9793

Sweetspot

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



66.7353, 65.2534, 32.0003



85.0008, 88.2605, 79.7811



59.0896, 42.2627, 53.1879



17.8894, 18.5274, 16.2213



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.



66.7353, 65.2534, 32.0003



63.0116, 60.1059, 23.6682



79.2001, 93.4089, 36.7779



18.8507, 19.6696, 18.9474



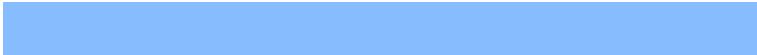
26.7847, 21.5806, 2.7538



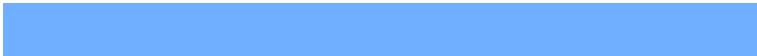
2.7169, 2.3191, 0.3044

Inverse Universe

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



46.0242, 48.3355, 101.5115



40.1388, 41.4404, 100.4910



37.6991, 30.2114, 98.4520



17.6632, 18.6980, 22.9281



12.6376, 10.1848, 50.7344



1.3372, 1.2051, 4.9754

Previews

White Background



This preview shows how the XYZ color 66.7337, 65.2503, 31.9990 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 66.7337, 65.2503, 31.9990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

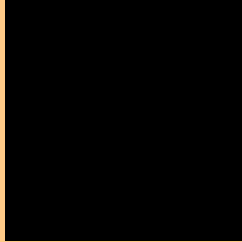
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.7337, 65.2503, 31.9990

Background



This preview shows how black text looks on a background with the XYZ color 66.7337, 65.2503, 31.9990.



This preview shows how white text looks on a background with the XYZ color 66.7337, 65.2503,

31.9990.

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

66.7337, 65.2503, 31.9990

Protanopia

60.5876, 65.2756, 33.8322

Deuteranopia

66.7337, 65.2503, 31.9990



Tritanopia

72.3651, 65.2939, 68.4634

Trichromacy



Original Color

66.7337, 65.2503, 31.9990

Protanomaly

62.7399, 65.2975, 33.3417

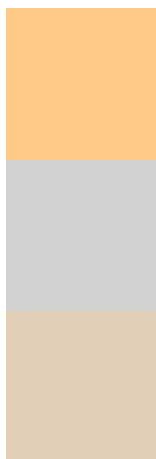
Deuteranomaly

66.7337, 65.2503, 31.9990

Tritanomaly

69.7746, 64.9844, 52.5818

Monochromacy



Original Color

66.7337, 65.2503, 31.9990

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.2241, 64.2133, 53.9146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7337, 65.2503, 31.9990 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, 135)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 135)  
}
```

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, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 135) }
```

Border

The CSS property to change the border of an element to XYZ 66.7337, 65.2503, 31.9990 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, 135) }
```


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

```
.border{ border-color:rgb(255, 202, 135) }
```

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, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 135);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7337, 65.2503, 31.9990 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, 135) }
```

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

```
.background{ background-color: rgb(255,  
202, 135) }
```

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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