

Converting Colors

XYZ(67.3940, 65.1411, 36.6272)

Have a look what the booklet for
XYZ(67.3940, 65.1411, 36.6272)
contains.

XYZ(67.3931, 65.1399, 36.6250) 3
 ***Conversions* 4**
 ***Details* 6**
 ***Harmonies* 12**
 ***Previews* 24**
 ***Color Blindness Simulation* 28**
 ***CSS Examples* 31**

Color

**XYZ(67.3931, 65.1399,
36.6250)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC993
RGB	255, 201, 147
RGB Percent	100%, 79%, 58%
CMY	0.0000, 0.2117, 0.4235
CMYK	0.00, 0.21, 0.42, 0.00
HSL	30°, 100%, 79%
HSV	30°, 42%, 100%
XYZ	67.3931, 65.1399, 36.6250
YIQ	210.9900, 49.5180, -5.3460

Conversions

Conversions Part 2

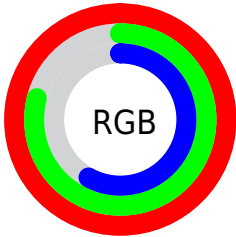
Format	Color
RYB	255, 255, 147
Decimal	16763283
CIELab	84.56, 12.43, 34.28
CIELCh	85, 36.463, 70.074
Yxy	65.1399, 0.3984, 0.3851
Android (android.graphics.Color)	4294953363 (0xFFFFC993)
YUV	210.9900, -31.5471, 38.5968
Hunter-Lab	80.7093, 7.8081, 29.5913

Details

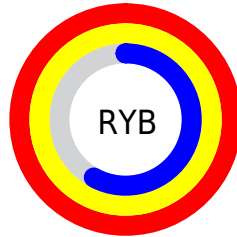
The XYZ color **67.3931, 65.1399, 36.6250** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.9684, 55.1942, 102.5748**, and the grayscale version is **62.0906, 65.3242, 71.1380**.

A 20% lighter version of the original color is **87.5426, 96.9970, 69.3667**, and **35.3100, 33.4477, 15.6614** is the 20% darker color. If you saturate the color by 10%, you get **62.7604, 58.7296, 26.2791**, and if you desaturate by 10%, it is **72.7193, 72.2272, 49.3914**.

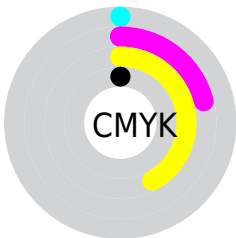
Distribution



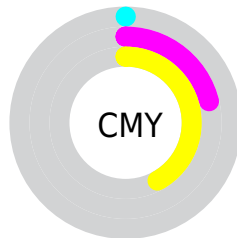
- Red (100%)
- Green (79%)
- Blue (58%)



- Red (100%)
- Yellow (100%)
- Blue (58%)



- Cyan (0%)
- Magenta (21%)
- Yellow (42%)
- Black (0%)





- Cyan (0%)
- Magenta (21%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.3931, 65.1399, 36.6250 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 67.3931, 65.1399, 36.6250 by changing the saturation by 10% instead.


 67.3931, 65.1399,
36.6250

 67.3931, 65.1399,
36.6250


440.7532,
443.2945, 346.8038

 49.6760, 47.5745,
24.6238


 114.5302,
112.2510, 71.1755

 35.3728, 33.4901,
15.5805


 144.6809,
142.5655, 94.5619

 24.1180, 22.5021,
9.0767


179.7069,
177.8984, 122.5804

 15.5464, 14.2263,
4.6937

219.9735,
218.6343, 155.6496

 9.2926, 8.2782,
2.0131

265.8461,
265.1574, 194.1880

 4.9911, 4.2735,
0.5633

317.6900,

 2.2768, 1.8277,

317.8523, 238.6141

0.0000

375.8706,
377.1032, 289.3465

■ 0.7827, 0.5044,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.3931, 65.1399,
36.6250

■ 67.3931, 65.1399,
36.6250

■ 62.7604, 58.7296,
26.2791

■ 72.7193, 72.2272,
49.3914

■ 58.7806, 52.9632,
18.1916

■ 78.7668, 80.0044,
64.7181

■ 55.4161, 47.8181,
12.1868

■ 85.5675, 88.4957,
82.7388

■ 52.6219, 43.2660,
8.0605

■ 93.1498, 97.7211,
103.5765

■ 50.3450, 39.2751, 95.0499, 100.0000,
5.5662 108.9000

■ 48.8958, 36.5717,
4.4820

Harmonies

Analogous

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



74.6568, 65.1399, 45.8416



67.3931, 65.1399, 36.6250



59.2204, 65.1399, 35.3595

Triad

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



67.3931, 65.1399, 36.6250



47.7679, 65.1399, 79.0453



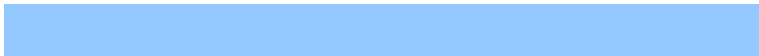
72.5275, 65.1399, 110.9772

Complementary

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



67.3931, 65.1399, 36.6250



50.9684, 55.1942, 102.5748

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.



64.6871, 65.1399, 124.7408



67.3931, 65.1399, 36.6250



50.7097, 65.1399, 103.8122

Square

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



67.3931, 65.1399, 36.6250



48.3545, 65.1399, 56.7417



56.7393, 65.1399, 121.8647



77.7962, 65.1399, 87.2973

Rectangle

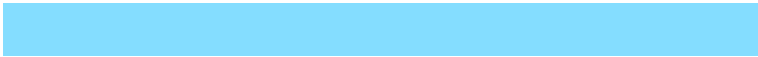
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.3931, 65.1399, 36.6250



54.4088, 65.1399, 38.8205



56.7393, 65.1399, 121.8647



70.0785, 65.1399, 117.1288

Sweetspot

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



67.3947, 65.1430, 36.6263



85.1037, 87.9238, 81.4874



62.2166, 46.3451, 60.9252



17.8826, 18.4070, 16.5479



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.



67.3947, 65.1430, 36.6263



63.3480, 59.5585, 27.5424



82.2665, 94.8865, 41.5835



18.7599, 19.4879, 18.9171



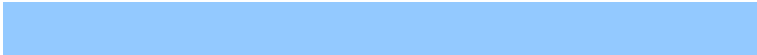
25.6985, 19.4082, 2.3917



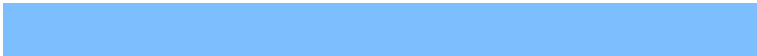
2.6114, 2.1081, 0.2693

Inverse Universe

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



50.9684, 55.1942, 102.5748



44.9067, 48.3892, 101.5810



40.5169, 34.2912, 99.0909



17.7533, 18.8783, 22.9581



13.5793, 12.0682, 51.0483



1.4314, 1.3934, 5.0068

Previews

White Background



This preview shows how the XYZ color 67.3931, 65.1399, 36.6250 looks on a white background.

Color Contrast Check

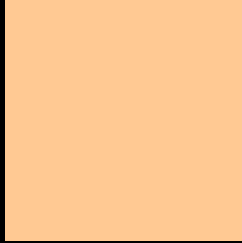
Large Text (above 18pt) WCAG AA × Fail

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 67.3931, 65.1399, 36.6250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

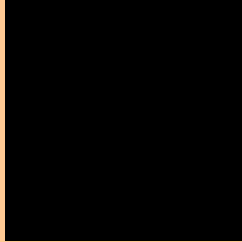
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.3931, 65.1399, 36.6250

Background



This preview shows how black text looks on a background with the XYZ color 67.3931, 65.1399, 36.6250.



This preview shows how white text looks on a background with the XYZ color 67.3931, 65.1399,

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

67.3931, 65.1399, 36.6250

Protanopia

60.8751, 65.3169, 38.6771

Deuteranopia

66.5319, 65.0431, 36.6517



Tritanopia

72.3651, 65.2939, 68.4634

Trichromacy



Original Color

67.3931, 65.1399, 36.6250

Protanomaly

63.0777, 65.0048, 38.0768

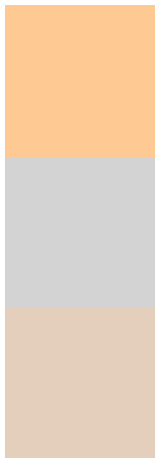
Deuteranomaly

66.8950, 65.2303, 36.6687

Tritanomaly

70.2970, 65.1933, 55.3329

Monochromacy



Original Color

67.3931, 65.1399, 36.6250

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

63.0685, 64.5874, 56.7195

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3931, 65.1399, 36.6250 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, 147)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 147)  
}
```

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, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 147) }
```

Border

The CSS property to change the border of an element to XYZ 67.3931, 65.1399, 36.6250 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, 147) }
```


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

```
.border{ border-color:rgb(255, 201, 147) }
```

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, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 147);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3931, 65.1399, 36.6250 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, 147) }
```

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

```
.background{ background-color: rgb(255,  
201, 147) }
```

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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