

Converting Colors

XYZ(110.8525, 86.2428,
39.5665)

Have a look what the booklet for
XYZ(110.8525, 86.2428, 39.5665)
contains.

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Color

**XYZ(66.7113, 63.3945,
37.5745)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC596
RGB	255, 197, 150
RGB Percent	100%, 77%, 59%
CMY	0.0000, 0.2274, 0.4118
CMYK	0.00, 0.23, 0.41, 0.00
HSL	27°, 100%, 79%
HSV	27°, 41%, 100%
XYZ	66.7113, 63.3945, 37.5745
YIQ	208.9840, 49.6550, -2.3210

Conversions

Conversions Part 2

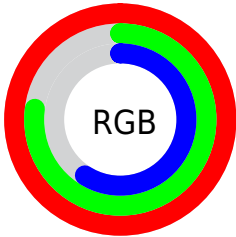
Format	Color
R_{YB}	255, 235, 150
Decimal	16762262
CIE _{Lab}	83.65, 14.82, 31.53
CIE _{LCh}	84, 34.837, 64.815
Yxy	63.3945, 0.3978, 0.3781
Android (android.graphics.Color)	4294952342 (0xFFFFC596)
YUV	208.9840, -29.0791, 40.3560
Hunter-Lab	79.6207, 10.2226, 27.7544

Details

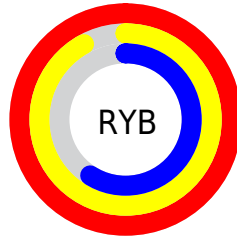
The XYZ color **66.7113, 63.3945, 37.5745** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.1828, 58.8137, 103.1569**, and the grayscale version is **60.7563, 63.9204, 69.6093**.

A 20% lighter version of the original color is **87.7013, 96.5514, 71.7715**, and **34.8395, 32.2815, 16.1991** is the 20% darker color. If you saturate the color by 10%, you get **61.8273, 56.5628, 26.8947**, and if you desaturate by 10%, it is **72.3441, 71.0086, 50.7095**.

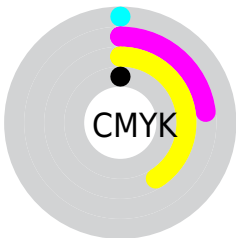
Distribution



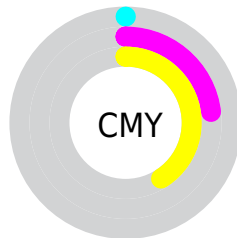
- Red (100%)
- Green (77%)
- Blue (59%)



- Red (100%)
- Yellow (92%)
- Blue (59%)



- Cyan (0%)
- Magenta (23%)
- Yellow (41%)
- Black (0%)





- Cyan (0%)
- Magenta (23%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.7113, 63.3945, 37.5745 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 66.7113, 63.3945, 37.5745 by changing the saturation by 10% instead.


 66.7113, 63.3945,
37.5745


 66.7113, 63.3945,
37.5745


438.3651,
436.9998, 351.0344

 49.1199, 46.1604,
25.3533


 113.5587,
109.7385, 72.6517

 34.9295, 32.3724,
16.1191


 143.5454,
139.6171, 96.3447

 23.7748, 21.6461,
9.4532


178.3946,
174.4795, 124.6989

 15.2905, 13.5971,
4.9371

218.4716,
214.7098, 158.1326

 9.1112, 7.8410,
2.1523

264.1418,
260.6927, 197.0645

 4.8715, 3.9934,
0.6467

315.7706,

 2.2060, 1.6699,

312.8123, 241.9131

0.0000

373.7232,
371.4533, 293.0969

0.7459, 0.4040,
0.0000

0.0000, 0.0000,
0.0000

66.7113, 63.3945,
37.5745

66.7113, 63.3945,
37.5745

61.8273, 56.5628,
26.8947

72.3441, 71.0086,
50.7095

57.6500, 50.4765,
18.5093

78.7555, 79.4224,
66.4387

54.1396, 45.1084,
12.2443

85.9790, 88.6637,
84.8954

51.2497, 40.4257,
7.8983

94.0450, 98.7564,
106.2022

■ 48.9255, 36.3915, 95.0500, 100.0000,
5.2303 108.9000

■ 47.2749, 33.3299,
3.9416

Harmonies

Analogous

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



73.1107, 63.3945, 47.7214



66.7113, 63.3945, 37.5745



59.0323, 63.3945, 35.0701

Triad

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



66.7113, 63.3945, 37.5745



46.7941, 63.3945, 72.6107



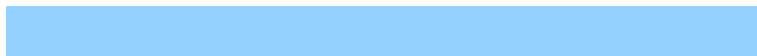
69.0187, 63.3945, 109.5554

Complementary

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



66.7113, 63.3945, 37.5745



53.1828, 58.8137, 103.1569

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.



61.4936, 63.3945, 119.8894



66.7113, 63.3945, 37.5745



49.0015, 63.3945, 95.8806

Square

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



66.7113, 63.3945, 37.5745



47.9371, 63.3945, 52.6554



54.2285, 63.3945, 114.4215



74.5197, 63.3945, 88.4797

Rectangle

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



66.7113, 63.3945, 37.5745



54.3085, 63.3945, 37.4982



54.2285, 63.3945, 114.4215



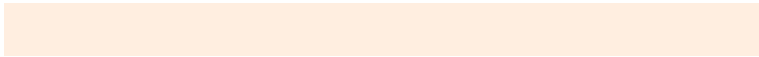
66.6196, 63.3945, 114.5819

Sweetspot

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



66.7129, 63.3975, 37.5758



85.3522, 87.8701, 83.2679



63.7174, 47.7016, 66.4963



18.0587, 18.5411, 17.2791



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.



66.7129, 63.3975, 37.5758



62.8287, 57.9852, 29.0175



80.3126, 90.5969, 42.1090



18.6789, 19.3259, 18.8901



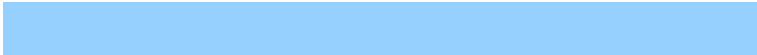
24.8461, 17.7034, 2.1076



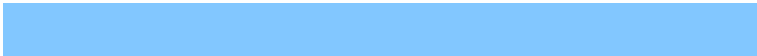
2.5263, 1.9379, 0.2409

Inverse Universe

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



53.1828, 58.8137, 103.1569



47.7016, 52.8459, 102.2939



42.6853, 37.8188, 99.6577



17.8349, 19.0414, 22.9853



14.5478, 14.0052, 51.3711



1.5256, 1.5818, 5.0382

Previews

White Background



This preview shows how the XYZ color 66.7113, 63.3945, 37.5745 looks on a white background.

Color Contrast Check

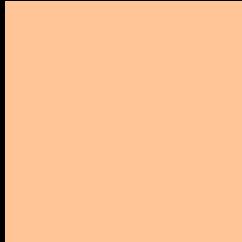
Large Text (above 18pt) WCAG AA × Fail

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 66.7113, 63.3945, 37.5745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

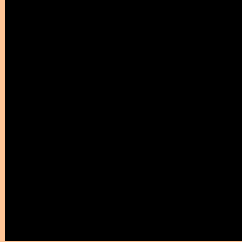
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.7113, 63.3945, 37.5745

Background



This preview shows how black text looks on a background with the XYZ color 66.7113, 63.3945, 37.5745.



This preview shows how white text looks on a background with the XYZ color 66.7113, 63.3945,

37.5745.

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

66.7113, 63.3945, 37.5745

Protanopia

59.4573, 63.8148, 40.1941

Deuteranopia

64.7905, 63.4349, 37.2631



Tritanopia

71.1091, 63.3671, 66.2408

Trichromacy



Original Color

66.7113, 63.3945, 37.5745

Protanomaly

61.8420, 63.6247, 39.1584

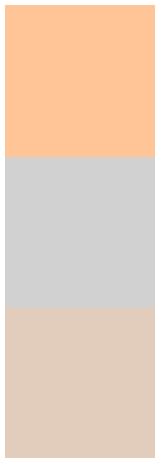
Deuteranomaly

65.6319, 63.5260, 37.2363

Tritanomaly

69.2887, 63.3464, 54.4741

Monochromacy



Original Color

66.7113, 63.3945, 37.5745

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

62.2725, 63.4622, 56.5443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7113, 63.3945, 37.5745 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, 197, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 150)  
}
```

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, 197, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 150) }
```

Border

The CSS property to change the border of an element to XYZ 66.7113, 63.3945, 37.5745 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, 197, 150) }
```


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

```
.border{ border-color:rgb(255, 197, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 197, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7113, 63.3945, 37.5745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 150) }
```

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

```
.background{ background-color: rgb(255,  
197, 150) }
```

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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