

Converting Colors

XYZ(86.8600, 78.4833, 38.4313)

Have a look what the booklet for
XYZ(86.8600, 78.4833, 38.4313)
contains.

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Color

**XYZ(69.6319, 69.4913,
37.7601)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD294
RGB	255, 210, 148
RGB Percent	100%, 82%, 58%
CMY	0.0000, 0.1764, 0.4196
CMYK	0.00, 0.18, 0.42, 0.00
HSL	35°, 100%, 79%
HSV	35°, 42%, 100%
XYZ	69.6319, 69.4913, 37.7601
YIQ	216.3870, 46.7220, -9.7420

Conversions

Conversions Part 2

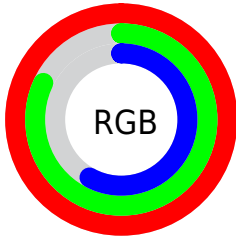
Format	Color
R _Y B	226, 255, 148
Decimal	16765588
CIE Lab	86.75, 7.87, 36.64
CIE LCh	87, 37.470, 77.881
Yxy	69.4913, 0.3937, 0.3929
Android (android.graphics.Color)	4294955668 (0xFFFFD294)
YUV	216.3870, -33.7148, 33.8636
Hunter-Lab	83.3614, 3.2187, 31.4965

Details

The XYZ color **69.6319, 69.4913, 37.7601** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.3320, 51.6540, 101.9778**, and the grayscale version is **65.7362, 69.1596, 75.3149**.

A 20% lighter version of the original color is **87.7795, 97.0918, 70.6140**, and **36.7647, 36.3572, 16.1463** is the 20% darker color. If you saturate the color by 10%, you get **65.2728, 63.6551, 27.4223**, and if you desaturate by 10%, it is **74.6165, 75.8667, 50.5013**.

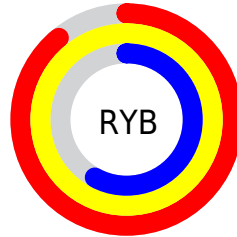
Distribution



Red (100%)

Green (82%)

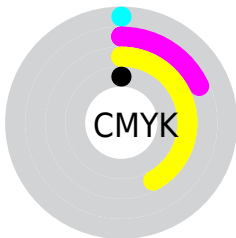
Blue (58%)



Red (89%)

Yellow (100%)

Blue (58%)

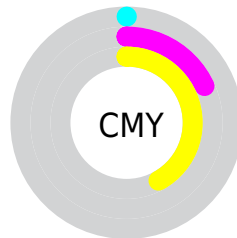


Cyan (0%)

Magenta (18%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.6319, 69.4913, 37.7601 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 69.6319, 69.4913, 37.7601 by changing the saturation by 10% instead.


 69.6319, 69.4913,
37.7601


 69.6319, 69.4913,
37.7601


448.5431,
458.7618, 351.8570

 51.5050, 51.1119,
25.4962


 117.7128,
118.4830, 72.9396

 36.8334, 36.2977,
16.2247


 148.3975,
149.8642, 96.6923

 25.2516, 24.6642,
9.5272


183.9989,
186.3480, 125.1116

 16.3943, 15.8270,
4.9852

224.8823,
228.3190, 158.6161

 9.8962, 9.4019,
2.1800

271.4131,
276.1615, 197.6244

 5.3919, 5.0042,
0.6628

323.9565,

 2.5161, 2.2497,

330.2598, 242.5549

0.0000

382.8781,
390.9985, 293.8263

■ 0.9034, 0.7469,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.6319, 69.4913,
37.7601

■ 69.6319, 69.4913,
37.7601

■ 65.2728, 63.6551,
27.4223

■ 74.6165, 75.8667,
50.5013

■ 61.5010, 58.3296,
19.3270

■ 80.2517, 82.7890,
65.7842

■ 58.2816, 53.4976,
13.3004

■ 86.5670, 90.2778,
83.7412

■ 55.5729, 49.1368,
9.1403

■ 93.5888, 98.3486,
104.4946

■ 53.3251, 45.2210, 95.0500, 100.0000,
6.6035 108.9000

■ 51.7939, 42.3679,
5.4480

Harmonies

Analogous

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



77.9431, 69.4913, 45.3458



69.6319, 69.4913, 37.7601



61.0345, 69.4913, 38.5515

Triad

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



69.6319, 69.4913, 37.7601



51.3447, 69.4913, 91.3843



79.2814, 69.4913, 112.6491

Complementary

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



69.6319, 69.4913, 37.7601



49.3320, 51.6540, 101.9778

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.



71.3317, 69.4913, 131.1732



69.6319, 69.4913, 37.7601



55.4317, 69.4913, 117.1577

Square

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



69.6319, 69.4913, 37.7601



50.9768, 69.4913, 66.0253



62.5919, 69.4913, 132.9842



83.8338, 69.4913, 86.1984

Rectangle

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



69.6319, 69.4913, 37.7601



56.2810, 69.4913, 43.7428



62.5919, 69.4913, 132.9842



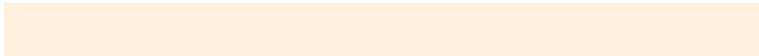
76.8874, 69.4913, 120.2389

Sweetspot

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



69.6336, 69.4946, 37.7615



85.8778, 89.4721, 81.7455



61.6092, 46.3520, 56.9554



18.0737, 18.7892, 16.6116



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.



69.6336, 69.4946, 37.7615



66.0800, 64.7586, 29.2668



79.7696, 93.5902, 41.8782



18.8838, 19.7357, 18.9584



27.2145, 22.4402, 2.8970



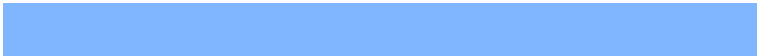
2.7579, 2.4012, 0.3181

Inverse Universe

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



49.3320, 51.6540, 101.9778



43.4243, 44.8649, 100.9788



42.1837, 35.3824, 99.2138



17.6307, 18.6331, 22.9173



12.3312, 9.5719, 50.6322



1.3058, 1.1424, 4.9649

Previews

White Background



This preview shows how the XYZ color 69.6319, 69.4913, 37.7601 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 69.6319, 69.4913, 37.7601 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 69.6319, 69.4913, 37.7601

Background



This preview shows how black text looks on a background with the XYZ color 69.6319, 69.4913, 37.7601.



This preview shows how white text looks on a background with the XYZ color 69.6319, 69.4913,

37.7601.

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

69.6319, 69.4913, 37.7601

Protanopia

64.6597, 69.5222, 39.2894

Deuteranopia

70.2985, 69.3641, 42.4844



Tritanopia

75.3573, 69.4555, 75.0801

Trichromacy



Original Color

69.6319, 69.4913, 37.7601

Protanomaly

66.1695, 69.1724, 38.7183

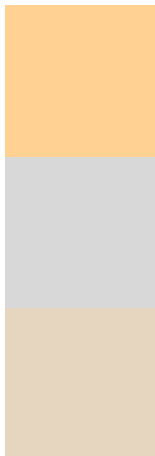
Deuteranomaly

69.9569, 69.2275, 40.6855

Tritanomaly

72.8257, 69.2084, 59.3894

Monochromacy



Original Color

69.6319, 69.4913, 37.7601

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

66.0837, 68.6777, 59.0634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.6319, 69.4913, 37.7601 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, 210, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 148)  
}
```

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, 210, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 148) }
```

Border

The CSS property to change the border of an element to XYZ 69.6319, 69.4913, 37.7601 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, 210, 148) }
```


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

```
.border{ border-color:rgb(255, 210, 148) }
```

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

Here you see how a box with a 4 pixel rgb(255, 210, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 69.6319, 69.4913, 37.7601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 148) }
```

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

```
.background{ background-color: rgb(255,  
210, 148) }
```

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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