

Converting Colors

XYZ(81.3537, 79.8658, 37.4620)

Have a look what the booklet for
XYZ(81.3537, 79.8658, 37.4620)
contains.

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Color

**XYZ(72.1305, 74.9865,
37.0577)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDD90
RGB	255, 221, 144
RGB Percent	100%, 87%, 56%
CMY	0.0000, 0.1333, 0.4353
CMYK	0.00, 0.13, 0.44, 0.00
HSL	42°, 100%, 78%
HSV	42°, 44%, 100%
XYZ	72.1305, 74.9865, 37.0577
YIQ	222.3880, 44.9810, -16.7390

Conversions

Conversions Part 2

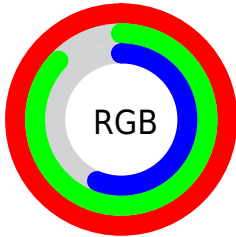
Format	Color
R _Y B	193, 255, 144
Decimal	16768400
CIE Lab	89.39, 1.82, 42.06
CIE LCh	89, 42.103, 87.528
Yxy	74.9865, 0.3916, 0.4071
Android (android.graphics.Color)	4294958480 (0xFFFFDD90)
YUV	222.3880, -38.6453, 28.6007
Hunter-Lab	86.5947, -2.8563, 35.2435

Details

The XYZ color **72.1305, 74.9865, 37.0577** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.4715, 44.9886, 100.8947**, and the grayscale version is **69.9497, 73.5925, 80.1422**.

A 20% lighter version of the original color is **87.3088, 96.9035, 68.1354**, and **38.3329, 39.7809, 15.7833** is the 20% darker color. If you saturate the color by 10%, you get **68.3838, 70.2677, 27.2553**, and if you desaturate by 10%, it is **76.4171, 80.0803, 49.2133**.

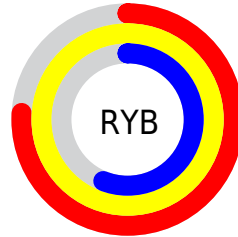
Distribution



Red (100%)

Green (87%)

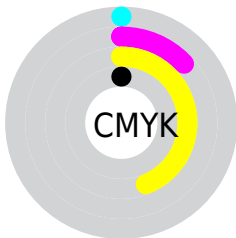
Blue (56%)



Red (76%)

Yellow (100%)

Blue (56%)

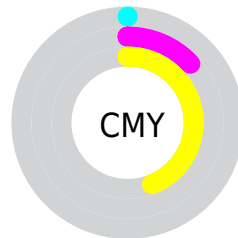


Cyan (0%)

Magenta (13%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.1305, 74.9865, 37.0577 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 72.1305, 74.9865, 37.0577 by changing the saturation by 10% instead.


 72.1305, 74.9865,
37.0577

 72.1305, 74.9865,
37.0577


457.1463,
477.8712, 348.7365

 53.5511, 55.6018,
24.9560


 121.2518,
126.2933, 71.8488

 38.4722, 39.8838,
15.8256


 152.5245,
158.9841, 95.3754

 26.5282, 27.4479,
9.2478


188.7590,
196.8792, 123.5473

 17.3540, 17.9099,
4.8041

230.3207,
240.3628, 156.7832

 10.5841, 10.8853,
2.0761

277.5749,
289.8195, 195.5014

 5.8531, 5.9898,
0.6015

330.8870,

 2.7958, 2.8389,

345.6335, 240.1207

0.0000

390.6224,
408.1892, 291.0596

■ 1.0467, 1.0482,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 72.1305, 74.9865,
37.0577

■ 72.1305, 74.9865,
37.0577

■ 68.3838, 70.2677,
27.2553

■ 76.4171, 80.0803,
49.2133

■ 65.1400, 65.8987,
19.6429

■ 81.2664, 85.5519,
63.8611

■ 62.3660, 61.8669,
14.0440

■ 86.7066, 91.4173,
81.1348

■ 60.0213, 58.1540,
10.2521

■ 92.7620, 97.6883,
101.1573

■ 58.0569, 54.7381,
8.0157

95.0500, 100.0000,
108.9000

■ 56.9434, 52.6669,
7.1645

Harmonies

Analogous

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



82.4505, 74.9865, 42.5151



72.1305, 74.9865, 37.0577



62.4997, 74.9865, 40.9504

Triad

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



72.1305, 74.9865, 37.0577



55.1033, 74.9865, 110.7892



89.3332, 74.9865, 116.0671

Complementary

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



72.1305, 74.9865, 37.0577



45.4715, 44.9886, 100.8947

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.



80.8299, 74.9865, 143.0285



72.1305, 74.9865, 37.0577



61.1533, 74.9865, 139.5010

Square

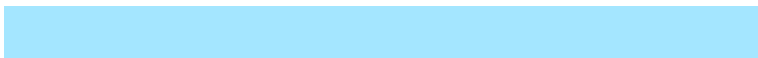
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.1305, 74.9865, 37.0577



53.2499, 74.9865, 79.2242



70.4212, 74.9865, 152.4910



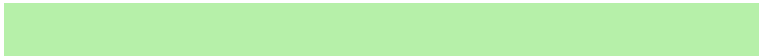
92.9617, 74.9865, 84.1198

Rectangle

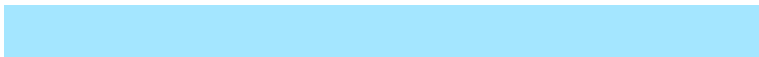
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.1305, 74.9865, 37.0577



57.6312, 74.9865, 49.0074



70.4212, 74.9865, 152.4910



86.9123, 74.9865, 126.2798

Sweetspot

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



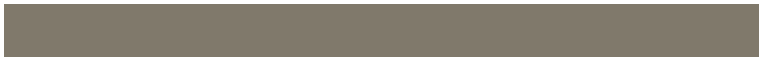
72.1323, 74.9900, 37.0592



87.0111, 91.7386, 82.1232



59.3656, 44.4680, 48.1825



18.3543, 19.3503, 16.7051



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.



72.1323, 74.9900, 37.0592



68.9233, 70.9663, 28.6078



74.9398, 91.1363, 40.0278



19.0642, 20.0966, 19.0186



29.8924, 27.7961, 3.7897



3.0073, 2.8999, 0.4012

Inverse Universe

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



45.4715, 44.9886, 100.8947



39.2316, 37.5845, 99.7945



43.4062, 35.0972, 99.0943



17.4566, 18.2849, 22.8592



10.9735, 6.8566, 50.1797



1.1601, 0.8510, 4.9164

Previews

White Background



This preview shows how the XYZ color 72.1305, 74.9865, 37.0577 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 72.1305, 74.9865, 37.0577 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 72.1305, 74.9865, 37.0577

Background



This preview shows how black text looks on a background with the XYZ color 72.1305, 74.9865, 37.0577.



This preview shows how white text looks on a background with the XYZ color 72.1305, 74.9865,

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

72.1305, 74.9865, 37.0577

Protanopia

69.3443, 75.1279, 37.6344

Deuteranopia

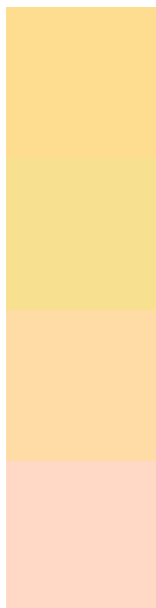
74.7082, 75.1777, 53.2210



Tritanopia

79.1517, 74.8992, 82.9583

Trichromacy



Original Color

72.1305, 74.9865, 37.0577

Protanomaly

70.4779, 75.3121, 37.6102

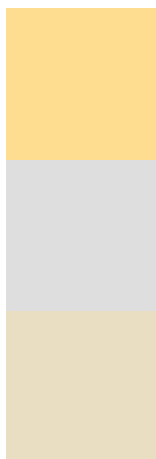
Deuteranomaly

73.7161, 75.1996, 46.7061

Tritanomaly

76.1309, 74.9169, 63.2712

Monochromacy



Original Color

72.1305, 74.9865, 37.0577

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.7906, 73.6300, 61.5726

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.1305, 74.9865, 37.0577 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, 221, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 144)  
}
```

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, 221, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 144) }
```

Border

The CSS property to change the border of an element to XYZ 72.1305, 74.9865, 37.0577 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, 221, 144) }
```


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

```
.border{ border-color:rgb(255, 221, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 221, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 144);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 72.1305, 74.9865, 37.0577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 144) }
```

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

```
.background{ background-color: rgb(255,  
221, 144) }
```

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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