

Converting Colors

XYZ(71.9435, 75.0619, 35.6117)

Have a look what the booklet for
XYZ(71.9435, 75.0619, 35.6117)
contains.

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Color

**XYZ(71.8301, 74.8664,
35.4757)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDD8C
RGB	255, 221, 140
RGB Percent	100%, 87%, 55%
CMY	0.0000, 0.1333, 0.4510
CMYK	0.00, 0.13, 0.45, 0.00
HSL	42°, 100%, 77%
HSV	42°, 45%, 100%
XYZ	71.8301, 74.8664, 35.4757
YIQ	221.9320, 46.2650, -17.9830

Conversions

Conversions Part 2

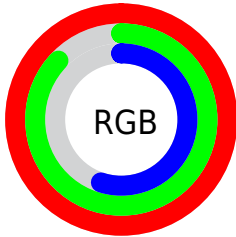
Format	Color
RYB	188, 255, 140
Decimal	16768396
CIELab	89.33, 1.42, 43.98
CIELCh	89, 44.005, 88.145
Yxy	74.8664, 0.3943, 0.4110
Android (android.graphics.Color)	4294958476 (0xFFFFDD8C)
YUV	221.9320, -40.3925, 29.0006
Hunter-Lab	86.5254, -3.2354, 36.2587

Details

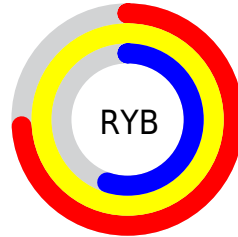
The XYZ color **71.8301, 74.8664, 35.4757** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **44.0007, 43.0660, 100.6010**, and the grayscale version is **69.6381, 73.2647, 79.7853**.

A 20% lighter version of the original color is **86.8503, 96.7201, 65.7211**, and **38.1626, 39.7128, 14.8865** is the 20% darker color. If you saturate the color by 10%, you get **68.2182, 70.3111, 26.0458**, and if you desaturate by 10%, it is **75.9707, 79.7817, 47.2328**.

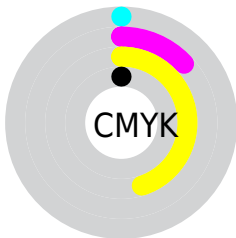
Distribution



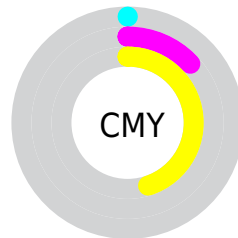
- Red (100%)
- Green (87%)
- Blue (55%)



- Red (74%)
- Yellow (100%)
- Blue (55%)



- Cyan (0%)
- Magenta (13%)
- Yellow (45%)
- Black (0%)



- Cyan (0%)
- Magenta (13%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.8301, 74.8664, 35.4757 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 71.8301, 74.8664, 35.4757 by changing the saturation by 10% instead.

71.8301, 74.8664,
35.4757

71.8301, 74.8664,
35.4757

456.1168,
477.4582, 341.6309

53.3049, 55.5034,
23.7431

120.8271,
126.1232, 69.3820

38.2747, 39.8049,
14.9327

152.0295,
158.7859, 92.3927

26.3741, 27.3865,
8.6261

188.1884,
196.6506, 119.9998

17.2379, 17.8637,
4.4046

229.6690,
240.1017, 152.6219

10.5006, 10.8522,
1.8498

276.8369,
289.5236, 190.6775

5.7969, 5.9675,
0.4605

330.0572,

2.7615, 2.8253,

345.3008, 234.5852

0.0000

389.6954,
407.8175, 284.7635

■ 1.0289, 1.0412,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.8301, 74.8664,
35.4757

■ 71.8301, 74.8664,
35.4757

■ 68.2182, 70.3111,
26.0458

■ 75.9707, 79.7817,
47.2328

■ 65.0979, 66.0907,
18.7775

■ 80.6633, 85.0599,
61.4583

■ 62.4354, 62.1927,
13.4903

■ 85.9361, 90.7167,
78.2875

■ 60.1891, 58.5986,
9.9723

■ 91.8137, 96.7638,
97.8443

■ 58.3085, 55.2860, 95.0499, 100.0000,
7.9622 108.9000

■ 57.4850, 53.7501,
7.3450

Harmonies

Analogous

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



82.6466, 74.8664, 40.8324



71.8301, 74.8664, 35.4757



61.8375, 74.8664, 39.6345

Triad

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



71.8301, 74.8664, 35.4757



54.4285, 74.8664, 112.7861



90.2198, 74.8664, 116.9616

Complementary

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



71.8301, 74.8664, 35.4757



44.0007, 43.0660, 100.6010

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.



81.3715, 74.8664, 145.7274



71.8301, 74.8664, 35.4757



60.7871, 74.8664, 142.9203

Square

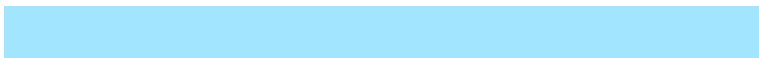
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.8301, 74.8664, 35.4757



52.4166, 74.8664, 79.6137



70.4906, 74.8664, 156.2461



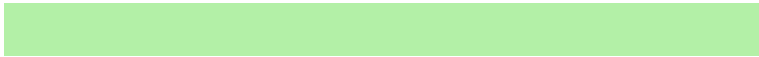
93.9068, 74.8664, 83.4499

Rectangle

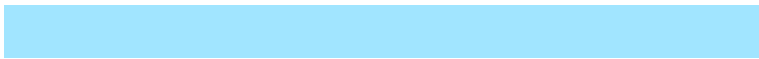
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.8301, 74.8664, 35.4757



56.8325, 74.8664, 48.0253



70.4906, 74.8664, 156.2461



87.7093, 74.8664, 127.7941

Sweetspot

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



71.8319, 74.8699, 35.4772



86.5511, 91.3611, 80.2978



58.3073, 43.0924, 45.5458



18.2681, 19.2848, 16.3475



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.



71.8319, 74.8699, 35.4772



68.5901, 70.7946, 26.9719



73.7725, 90.5692, 38.4052



19.0812, 20.1306, 19.0242



30.1733, 28.3578, 3.8833



3.0329, 2.9512, 0.4098

Inverse Universe

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



44.0007, 43.0660, 100.6010



37.6540, 35.4778, 99.4711



42.5330, 33.7635, 98.8828



17.4405, 18.2527, 22.8539



10.8717, 6.6529, 50.1457



1.1486, 0.8278, 4.9125

Previews

White Background



This preview shows how the XYZ color 71.8301, 74.8664, 35.4757 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 71.8301, 74.8664, 35.4757 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 71.8301, 74.8664, 35.4757

Background



This preview shows how black text looks on a background with the XYZ color 71.8301, 74.8664, 35.4757.



This preview shows how white text looks on a background with the XYZ color 71.8301, 74.8664,

35.4757.

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

71.8301, 74.8664, 35.4757

Protanopia

69.3891, 75.1860, 36.0545

Deuteranopia

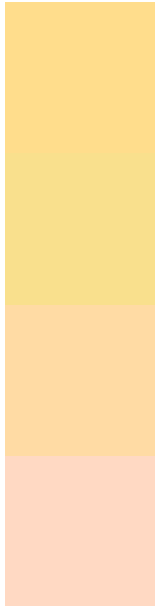
74.3473, 74.6172, 52.6035



Tritanopia

79.0140, 74.8441, 82.2334

Trichromacy



Original Color

71.8301, 74.8664, 35.4757

Protanomaly

70.5303, 75.3741, 36.0306

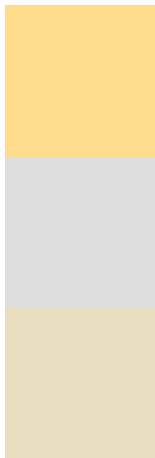
Deuteranomaly

73.2724, 74.6034, 45.6600

Tritanomaly

75.9032, 74.8258, 62.0721

Monochromacy



Original Color

71.8301, 74.8664, 35.4757

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.5674, 73.5407, 60.3974

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.8301, 74.8664, 35.4757 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, 140)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 140)  
}
```

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, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 140) }
```

Border

The CSS property to change the border of an element to XYZ 71.8301, 74.8664, 35.4757 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, 140) }
```


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

```
.border{ border-color:rgb(255, 221, 140) }
```

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, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 140);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 71.8301, 74.8664, 35.4757 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, 140) }
```

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

```
.background{ background-color: rgb(255,  
221, 140) }
```

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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