

Converting Colors

XYZ(126.7838, 100.0000,
49.5636)

Have a look what the booklet for
XYZ(126.7838, 100.0000, 49.5636)
contains.

XYZ(72.1021, 71.6757, 47.0804)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(72.1021, 71.6757,
47.0804)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD5A8
RGB	255, 213, 168
RGB Percent	100%, 84%, 66%
CMY	0.0000, 0.1647, 0.3412
CMYK	0.00, 0.16, 0.34, 0.00
HSL	31°, 100%, 83%
HSV	31°, 34%, 100%
XYZ	72.1021, 71.6757, 47.0804
YIQ	220.4280, 39.4770, -5.0910

Conversions

Conversions Part 2

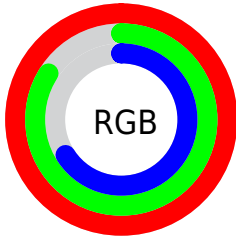
Format	Color
R _Y B	249, 255, 168
Decimal	16766376
CIE Lab	87.81, 8.54, 27.75
CIE LCh	88, 29.035, 72.890
Yxy	71.6757, 0.3778, 0.3755
Android (android.graphics.Color)	4294956456 (0xFFFFD5A8)
YUV	220.4280, -25.8470, 30.3196
Hunter-Lab	84.6615, 3.8622, 26.2918

Details

The XYZ color **72.1021, 71.6757, 47.0804** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.2442, 61.6358, 103.4874**, and the grayscale version is **68.4839, 72.0504, 78.4628**.

A 20% lighter version of the original color is **90.3193, 98.1077, 83.9884**, and **38.4052, 37.5850, 21.7535** is the 20% darker color. If you saturate the color by 10%, you get **66.9765, 64.8607, 34.7785**, and if you desaturate by 10%, it is **77.9322, 79.1537, 61.9168**.

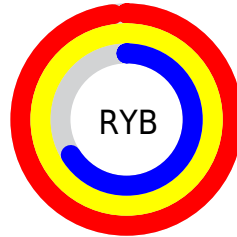
Distribution



Red (100%)

Green (84%)

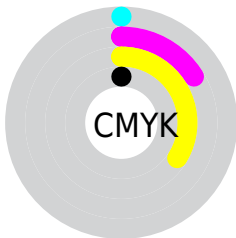
Blue (66%)



Red (98%)

Yellow (100%)

Blue (66%)

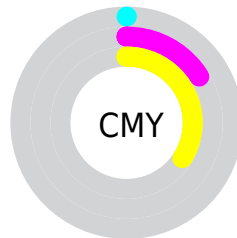


Cyan (0%)

Magenta (16%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.1021, 71.6757, 47.0804 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 72.1021, 71.6757, 47.0804 by changing the saturation by 10% instead.

 72.1021, 71.6757,
47.0804


 72.1021, 71.6757,
47.0804


457.0490,
466.4120, 391.5384

 53.5278, 52.8938,
32.7444


 121.2117,
121.5953, 87.1849

 38.4535, 37.7180,
21.6612

 152.4777,
153.5019, 113.7904

 26.5136, 25.7639,
13.4122

188.7051,
190.5521, 145.3229

 17.3430, 16.6471,
7.5790

230.2591,
233.1304, 182.2009

 10.5762, 9.9832,
3.7429

277.5052,
281.6211, 224.8429

 5.8478, 5.3878,
1.4854

330.8086,

 2.7925, 2.4766,

336.4087, 273.6675

0.2070

390.5348,
397.8776, 329.0931

■ 1.0450, 0.8649,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 72.1021, 71.6757,
47.0804

■ 72.1021, 71.6757,
47.0804

■ 66.9765, 64.8607,
34.7785

■ 77.9322, 79.1537,
61.9168

■ 62.5175, 58.6774,
24.8611

■ 84.4915, 87.3049,
79.4175

■ 58.6912, 53.1063,
17.1686

■ 91.8101, 96.1515,
99.7082

■ 55.4581, 48.1227,
11.5202

95.0500, 100.0000,
108.9000

■ 52.7729, 43.6993,
7.7059

■ 50.5812, 39.8046,
5.4691

■ 49.4795, 37.7390,
4.6765

Harmonies

Analogous

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



78.3110, 71.6757, 54.9423



72.1021, 71.6757, 47.0804



65.2097, 71.6757, 46.5656

Triad

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



72.1021, 71.6757, 47.0804



55.9987, 71.6757, 86.8259



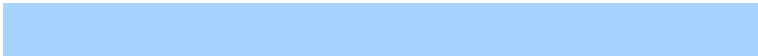
77.5559, 71.6757, 109.3072

Complementary

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



72.1021, 71.6757, 47.0804



57.2442, 61.6358, 103.4874

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.



71.1271, 71.6757, 121.2287



72.1021, 71.6757, 47.0804



58.8640, 71.6757, 106.8508

Square

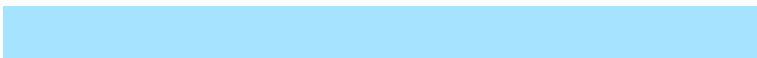
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.1021, 71.6757, 47.0804



56.2207, 71.6757, 67.3937



64.2981, 71.6757, 120.2606



81.6025, 71.6757, 89.7581

Rectangle

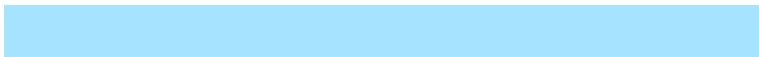
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.1021, 71.6757, 47.0804



61.1749, 71.6757, 50.2974



64.2981, 71.6757, 120.2606



75.5838, 71.6757, 114.4765

Sweetspot

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



72.1039, 71.6790, 47.0819



87.4111, 90.8617, 87.4263



66.8821, 53.9216, 67.8889



18.4931, 19.1854, 18.1161



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.



72.1039, 71.6790, 47.0819



68.5015, 66.9168, 38.3503



83.5365, 95.3332, 51.0450



18.7867, 19.5415, 18.9261



26.0045, 20.0202, 2.4937



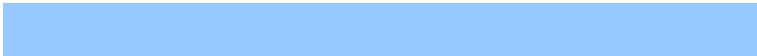
2.6414, 2.1681, 0.2793

Inverse Universe

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



57.2442, 61.6358, 103.4874



51.5776, 55.4807, 102.5982



48.5123, 43.7110, 100.4878



17.7266, 18.8248, 22.9492



13.2860, 11.4816, 50.9505



1.4024, 1.3354, 4.9971

Previews

White Background



This preview shows how the XYZ color 72.1021, 71.6757, 47.0804 looks on a white background.

Color Contrast Check

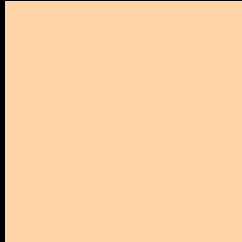
Large Text (above 18pt) WCAG AA × Fail

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 72.1021, 71.6757, 47.0804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

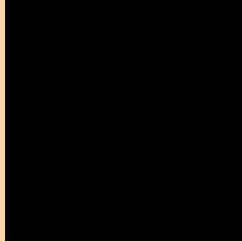
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.1021, 71.6757, 47.0804

Background



This preview shows how black text looks on a background with the XYZ color 72.1021, 71.6757, 47.0804.



This preview shows how white text looks on a background with the XYZ color 72.1021, 71.6757,

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

72.1021, 71.6757, 47.0804

Protanopia

67.2048, 71.7888, 48.8426

Deuteranopia

72.5213, 71.4421, 50.5249



Tritanopia

76.8470, 71.5922, 78.1750

Trichromacy



Original Color

72.1021, 71.6757, 47.0804

Protanomaly

68.6865, 71.4052, 48.1926

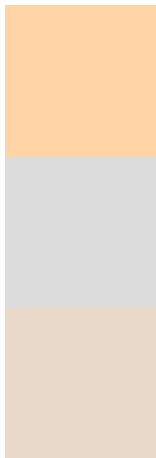
Deuteranomaly

72.2299, 71.3255, 48.9900

Tritanomaly

74.9473, 71.6175, 65.7505

Monochromacy



Original Color

72.1021, 71.6757, 47.0804

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.9597, 71.1664, 65.3603

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.1021, 71.6757, 47.0804 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, 213, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 168)  
}
```

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, 213, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 168) }
```

Border

The CSS property to change the border of an element to XYZ 72.1021, 71.6757, 47.0804 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, 213, 168) }
```


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

```
.border{ border-color:rgb(255, 213, 168) }
```

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

Here you see how a box with a 4 pixel rgb(255, 213, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 72.1021, 71.6757, 47.0804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 168) }
```

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

```
.background{ background-color: rgb(255,  
213, 168) }
```

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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