

Converting Colors

XYZ(72.1364, 69.7079, 53.3690)

Have a look what the booklet for
XYZ(72.1364, 69.7079, 53.3690)
contains.

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Color

**XYZ(72.1364, 69.7079,
53.3690)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD0B5
RGB	255, 208, 181
RGB Percent	100%, 82%, 71%
CMY	0.0000, 0.1843, 0.2902
CMYK	0.00, 0.18, 0.29, 0.00
HSL	22°, 100%, 85%
HSV	22°, 29%, 100%
XYZ	72.1364, 69.7079, 53.3690
YIQ	218.9750, 36.6790, 1.5670

Conversions

Conversions Part 2

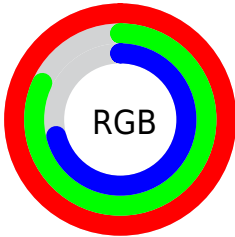
Format	Color
R _Y B	255, 224, 181
Decimal	16765109
CIE Lab	86.85, 12.75, 19.64
CIE LCh	87, 23.416, 57.018
Yxy	69.7079, 0.3695, 0.3571
Android (android.graphics.Color)	4294955189 (0xFFFFD0B5)
YUV	218.9750, -18.7217, 31.5939
Hunter-Lab	83.4913, 8.1142, 20.5447

Details

The XYZ color **72.1364, 69.7079, 53.3690** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **64.8486, 72.5282, 105.1892**, and the grayscale version is **67.4240, 70.9353, 77.2485**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **38.4778, 36.5400, 25.4470** is the 20% darker color. If you saturate the color by 10%, you get **66.0070, 61.2602, 39.5771**, and if you desaturate by 10%, it is **79.1512, 79.1597, 69.8202**.

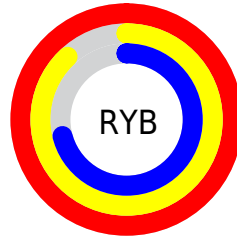
Distribution



Red (100%)

Green (82%)

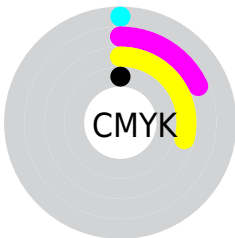
Blue (71%)



Red (100%)

Yellow (88%)

Blue (71%)

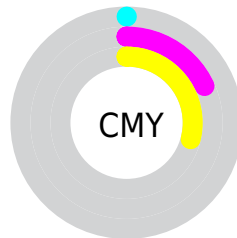


Cyan (0%)

Magenta (18%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.1364, 69.7079, 53.3690 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 72.1364, 69.7079, 53.3690 by changing the saturation by 10% instead.


 72.1364, 69.7079,
53.3690

 72.1364, 69.7079,
53.3690


457.1665,
459.5237, 416.8056

 53.5560, 51.2884,
37.7077


 121.2602,
118.7921, 96.5942

 38.4760, 36.4382,
25.4558


152.5343,
150.2256, 124.9951

 26.5313, 24.7728,
16.1949


188.7702,
186.7660, 158.4797

 17.3563, 15.9079,
9.5063

230.3335,
228.7975, 197.4664

 10.5857, 9.4590,
4.9716

277.5894,
276.7047, 242.3738

 5.8542, 5.0418,
2.1721

330.9033,

 2.7964, 2.2718,

330.8718, 293.6204

0.6582

390.6405,
391.6834, 351.6249

■ 1.0471, 0.7587,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 72.1364, 69.7079,
53.3690

■ 72.1364, 69.7079,
53.3690

■ 66.0070, 61.2602,
39.5771

■ 79.1512, 79.1597,
69.8202

■ 60.7199, 53.7728,
28.2986

■ 87.0821, 89.6390,
89.0575

■ 56.2354, 47.2120,
19.3796

95.0500, 100.0000,
108.9000

■ 52.5083, 41.5384,
12.6477

■ 49.4881, 36.7096,
7.9063

■ 47.1167, 32.6781,
4.9229

■ 45.3142, 29.3865,
3.3557

■ 45.1595, 29.0989,
3.2365

Harmonies

Analogous

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



76.0551, 69.7079, 63.0444



72.1364, 69.7079, 53.3690



66.8030, 69.7079, 49.6590

Triad

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



72.1364, 69.7079, 53.3690



56.3142, 69.7079, 74.3465



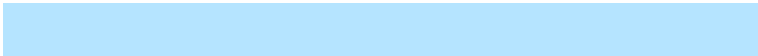
71.1398, 69.7079, 105.9605

Complementary

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



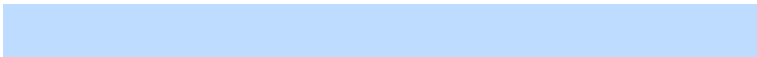
72.1364, 69.7079, 53.3690



64.8486, 72.5282, 105.1892

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.



65.7106, 69.7079, 110.0602



72.1364, 69.7079, 53.3690



57.3356, 69.7079, 90.3943

Square

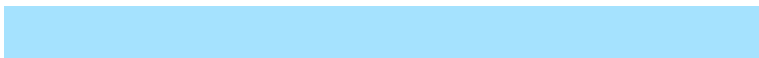
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.1364, 69.7079, 53.3690



57.8330, 69.7079, 60.6805



60.7028, 69.7079, 104.0185



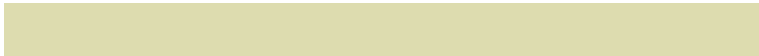
75.4579, 69.7079, 93.4728

Rectangle

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



72.1364, 69.7079, 53.3690



63.2299, 69.7079, 50.6268



60.7028, 69.7079, 104.0185



69.3756, 69.7079, 108.4338

Sweetspot

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



72.1380, 69.7110, 53.3704



87.0980, 89.6599, 89.0967



71.9211, 59.9712, 81.9873



18.3830, 18.8505, 18.4330



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.



72.1380, 69.7110, 53.3704



68.3674, 64.5388, 44.8102



81.9013, 89.2376, 56.6249



18.5521, 19.0723, 18.8479



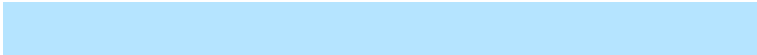
23.7261, 15.4634, 1.7342



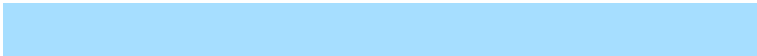
2.4098, 1.7050, 0.2021

Inverse Universe

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



64.8486, 72.5282, 105.1892



59.9590, 67.7710, 104.5287



55.9783, 54.7878, 102.2325



17.9648, 19.3013, 23.0286



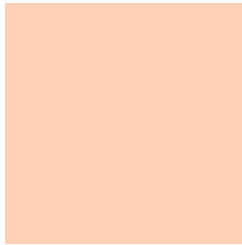
16.3245, 17.5585, 51.9633



1.6936, 1.9178, 5.0942

Previews

White Background



This preview shows how the XYZ color 72.1364, 69.7079, 53.3690 looks on a white background.

Color Contrast Check

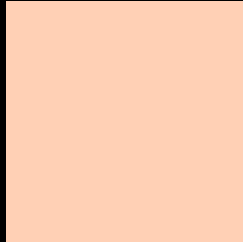
Large Text (above 18pt) WCAG AA × Fail

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 72.1364, 69.7079, 53.3690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

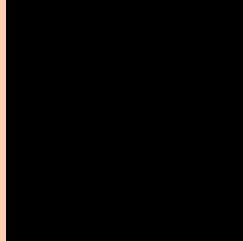
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.1364, 69.7079, 53.3690

Background



This preview shows how black text looks on a background with the XYZ color 72.1364, 69.7079, 53.3690.



This preview shows how white text looks on a background with the XYZ color 72.1364, 69.7079,

53.3690.

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

72.1364, 69.7079, 53.3690

Protanopia

65.9889, 69.8289, 56.4547

Deuteranopia

71.2858, 69.6326, 53.3993



Tritanopia

75.4878, 69.5077, 75.7674

Trichromacy



Original Color

72.1364, 69.7079, 53.3690

Protanomaly

67.9582, 69.7310, 55.2250

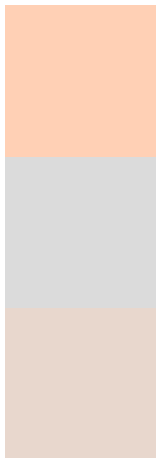
Deuteranomaly

71.6490, 69.8198, 53.4163

Tritanomaly

74.0908, 69.3304, 67.2347

Monochromacy



Original Color

72.1364, 69.7079, 53.3690

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.5986, 70.1645, 67.6852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.1364, 69.7079, 53.3690 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, 208, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 181)  
}
```

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, 208, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 181) }
```

Border

The CSS property to change the border of an element to XYZ 72.1364, 69.7079, 53.3690 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, 208, 181) }
```


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

```
.border{ border-color:rgb(255, 208, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 208, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 72.1364, 69.7079, 53.3690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 181) }
```

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

```
.background{ background-color: rgb(255,  
208, 181) }
```

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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