

Converting Colors

XYZ(72.0418, 69.9256, 52.0849)

Have a look what the booklet for
XYZ(72.0418, 69.9256, 52.0849)
contains.

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Color

**XYZ(72.1771, 70.1156,
52.3773)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD1B3
RGB	255, 209, 179
RGB Percent	100%, 82%, 70%
CMY	0.0000, 0.1804, 0.2980
CMYK	0.00, 0.18, 0.30, 0.00
HSL	24°, 100%, 85%
HSV	24°, 30%, 100%
XYZ	72.1771, 70.1156, 52.3773
YIQ	219.3340, 37.0460, 0.4220

Conversions

Conversions Part 2

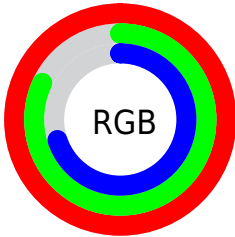
Format	Color
R _{YB}	255, 229, 179
Decimal	16765363
CIE _{Lab}	87.05, 11.97, 20.97
CIE _{LCh}	87, 24.147, 60.281
Y _{xy}	70.1156, 0.3708, 0.3602
Android (android.graphics.Color)	4294955443 (0xFFFFD1B3)
YUV	219.3340, -19.8847, 31.2791
Hunter-Lab	83.7351, 7.3253, 21.5279

Details

The XYZ color **72.1771, 70.1156, 52.3773** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **63.5647, 70.6517, 104.8947**, and the grayscale version is **67.6811, 71.2058, 77.5431**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **38.5132, 36.8194, 24.8156** is the 20% darker color. If you saturate the color by 10%, you get **66.2284, 61.9708, 38.8256**, and if you desaturate by 10%, it is **78.9731, 79.1912, 68.5658**.

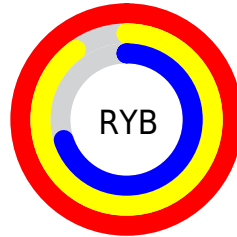
Distribution



Red (100%)

Green (82%)

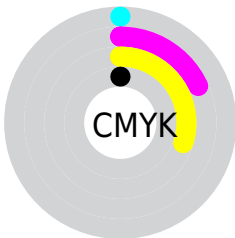
Blue (70%)



Red (100%)

Yellow (90%)

Blue (70%)

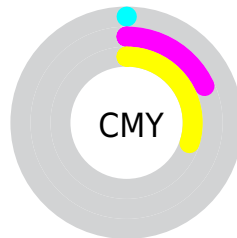


Cyan (0%)

Magenta (18%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.1771, 70.1156, 52.3773 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 72.1771, 70.1156, 52.3773 by changing the saturation by 10% instead.


 72.1771, 70.1156,
52.3773

 72.1771, 70.1156,
52.3773


457.3059,
460.9558, 412.8898

 53.5893, 51.6208,
36.9216


 121.3177,
119.3736, 95.1197

 38.5028, 36.7029,
24.8515

152.6013,
150.9056, 123.2434

 26.5521, 24.9775,
15.7484


188.8475,
187.5520, 156.4269

 17.3720, 16.0603,
9.1939

230.4218,
229.6974, 195.0887

 10.5970, 9.5668,
4.7693

277.6894,
277.7261, 239.6474

 5.8618, 5.1127,
2.0562

331.0157,

 2.8011, 2.3136,

332.0224, 290.5214

0.5895

390.7660,
392.9709, 348.1294

■ 1.0495, 0.7809,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 72.1771, 70.1156,
52.3773

■ 72.1771, 70.1156,
52.3773

■ 66.2284, 61.9708,
38.8256

■ 78.9731, 79.1912,
68.5658

■ 61.0850, 54.7158,
27.7643

■ 86.6453, 89.2176,
87.5181

■ 56.7089, 48.3206,
19.0391

95.0500, 100.0000,
108.9000

■ 53.0564, 42.7495,
12.4766

■ 50.0789, 37.9639,
7.8786

■ 47.7195, 33.9206,
5.0096

■ 45.8945, 30.5645,
3.4950

■ 45.8623, 30.5046,
3.4708

Harmonies

Analogous

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



76.4756, 70.1156, 61.7001



72.1771, 70.1156, 52.3773



66.5895, 70.1156, 49.2571

Triad

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



72.1771, 70.1156, 52.3773



56.3548, 70.1156, 76.4968



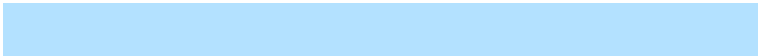
72.2746, 70.1156, 106.5007

Complementary

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



72.1771, 70.1156, 52.3773



63.5647, 70.6517, 104.8947

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.



66.6961, 70.1156, 111.8906



72.1771, 70.1156, 52.3773



57.6911, 70.1156, 93.1389

Square

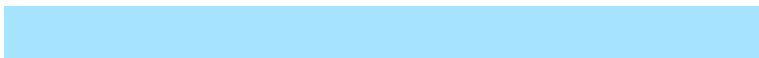
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.1771, 70.1156, 52.3773



57.6427, 70.1156, 61.9299



61.3988, 70.1156, 106.6915



76.5340, 70.1156, 92.8372

Rectangle

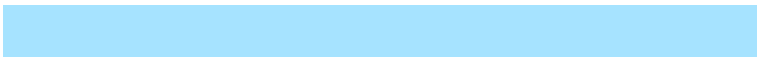
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.1771, 70.1156, 52.3773



62.9461, 70.1156, 50.7117



61.3988, 70.1156, 106.6915



70.4814, 70.1156, 109.4197

Sweetspot

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



72.1789, 70.1188, 52.3787



87.3007, 90.0653, 89.1643



71.0697, 58.9846, 79.4954



18.4328, 18.9501, 18.4496



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.



72.1789, 70.1188, 52.3787



68.3944, 64.9627, 43.6786



82.3732, 90.5075, 55.7769



18.5977, 19.1636, 18.8631



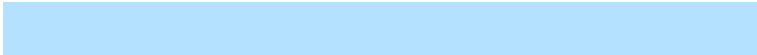
24.0994, 16.2100, 1.8587



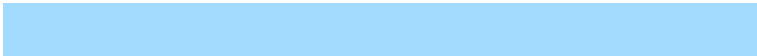
2.4494, 1.7841, 0.2153

Inverse Universe

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



63.5647, 70.6517, 104.8947



58.4633, 65.5638, 104.1815



54.5958, 52.7140, 101.9051



17.9178, 19.2071, 23.0129



15.6473, 16.2042, 51.7376



1.6301, 1.7910, 5.0731

Previews

White Background



This preview shows how the XYZ color 72.1771, 70.1156, 52.3773 looks on a white background.

Color Contrast Check

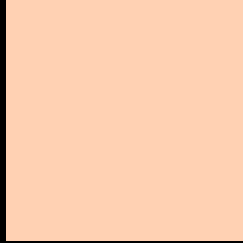
Large Text (above 18pt) WCAG AA × Fail

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 72.1771, 70.1156, 52.3773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

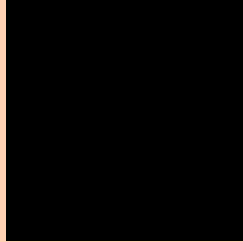
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.1771, 70.1156, 52.3773

Background



This preview shows how black text looks on a background with the XYZ color 72.1771, 70.1156, 52.3773.



This preview shows how white text looks on a background with the XYZ color 72.1771, 70.1156,

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

72.1771, 70.1156, 52.3773

Protanopia

66.2518, 70.3847, 54.8935

Deuteranopia

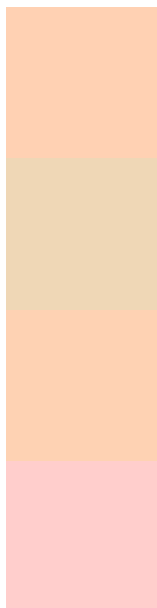
71.6913, 70.2305, 52.4251



Tritanopia

75.8575, 70.0371, 76.5382

Trichromacy



Original Color

72.1771, 70.1156, 52.3773

Protanomaly

68.3405, 70.3290, 54.2289

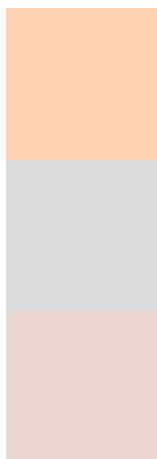
Deuteranomaly

72.0563, 70.4187, 52.4422

Tritanomaly

74.2104, 69.7622, 66.6809

Monochromacy



Original Color

72.1771, 70.1156, 52.3773

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.4782, 70.1163, 67.0514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.1771, 70.1156, 52.3773 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, 209, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 179)  
}
```

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, 209, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 179) }
```

Border

The CSS property to change the border of an element to XYZ 72.1771, 70.1156, 52.3773 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, 209, 179) }
```


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

```
.border{ border-color:rgb(255, 209, 179) }
```

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

Here you see how a box with a 4 pixel rgb(255, 209, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 72.1771, 70.1156, 52.3773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 179) }
```

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

```
.background{ background-color: rgb(255,  
209, 179) }
```

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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