

Converting Colors

XYZ(72.6763, 71.1946, 52.2947)

Have a look what the booklet for
XYZ(72.6763, 71.1946, 52.2947)
contains.

XYZ(72.6709, 71.1032, 52.5419)	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(72.6709, 71.1032,
52.5419)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD3B3
RGB	255, 211, 179
RGB Percent	100%, 83%, 70%
CMY	0.0000, 0.1725, 0.2980
CMYK	0.00, 0.17, 0.30, 0.00
HSL	25°, 100%, 85%
HSV	25°, 30%, 100%
XYZ	72.6709, 71.1032, 52.5419
YIQ	220.5080, 36.4960, -0.6240

Conversions

Conversions Part 2

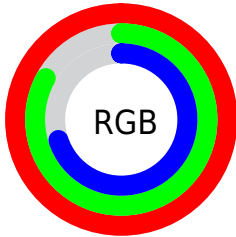
Format	Color
R _Y B	255, 234, 179
Decimal	16765875
CIE Lab	87.54, 10.93, 21.64
CIE LCh	88, 24.242, 63.194
Yxy	71.1032, 0.3702, 0.3622
Android (android.graphics.Color)	4294955955 (0xFFFFD3B3)
YUV	220.5080, -20.4634, 30.2495
Hunter-Lab	84.3227, 6.2699, 22.0820

Details

The XYZ color **72.6709, 71.1032, 52.5419** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **63.0272, 69.5767, 104.7155**, and the grayscale version is **68.5048, 72.0724, 78.4868**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **38.6803, 37.1536, 24.8714** is the 20% darker color. If you saturate the color by 10%, you get **66.8266, 63.1671, 39.0250**, and if you desaturate by 10%, it is **79.3326, 79.9102, 68.6857**.

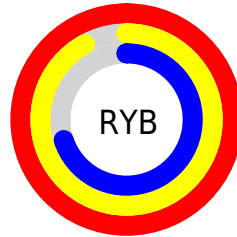
Distribution



Red (100%)

Green (83%)

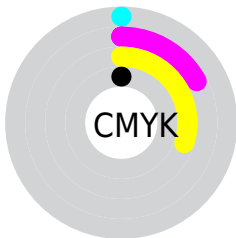
Blue (70%)



Red (100%)

Yellow (92%)

Blue (70%)

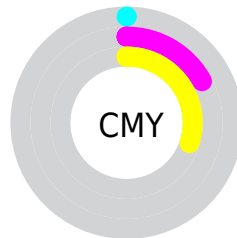


Cyan (0%)

Magenta (17%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.6709, 71.1032, 52.5419 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 72.6709, 71.1032, 52.5419 by changing the saturation by 10% instead.


 72.6709, 71.1032,
52.5419

 72.6709, 71.1032,
52.5419


458.9949,
464.4141, 413.5414

 53.9943, 52.4264,
37.0520


 122.0155,
120.7807, 95.3646

 38.8278, 37.3451,
24.9516

153.4143,
152.5501, 123.5345

 26.8059, 25.4748,
15.8223

189.7846,
189.4526, 156.7682

 17.5633, 16.4311,
9.2455

231.4916,
231.8725, 195.4841

 10.7347, 9.8297,
4.8027

278.9008,
280.1942, 240.1009

 5.9547, 5.2862,
2.0753

332.3775,

 2.8580, 2.4162,

334.8021, 291.0370

0.6010

392.2871,
396.0806, 348.7110

■ 1.0791, 0.8342,
0.0000

■ 0.0075, 0.0000,
0.0000

■ 72.6709, 71.1032,
52.5419

■ 72.6709, 71.1032,
52.5419

■ 66.8266, 63.1671,
39.0250

■ 79.3326, 79.9102,
68.6857

■ 61.7588, 56.0634,
27.9889

■ 86.8392, 89.6054,
87.5828

■ 57.4312, 49.7651,
19.2799

95.0500, 100.0000,
108.9000

■ 53.8015, 44.2397,
12.7250

■ 50.8228, 39.4517,
8.1265

■ 48.4400, 35.3616,
5.2498

■ 46.5713, 31.9183,
3.7207

■ 46.5381, 31.8562,
3.6960

Harmonies

Analogous

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



77.2230, 71.1032, 61.4034



72.6709, 71.1032, 52.5419



66.9698, 71.1032, 50.0040

Triad

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



72.6709, 71.1032, 52.5419



57.1708, 71.1032, 79.1898



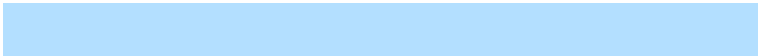
73.7920, 71.1032, 106.9272

Complementary

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



72.6709, 71.1032, 52.5419



63.0272, 69.5767, 104.7155

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.



68.1969, 71.1032, 113.3748



72.6709, 71.1032, 52.5419



58.7778, 71.1032, 96.0029

Square

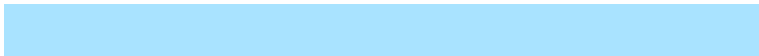
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.6709, 71.1032, 52.5419



58.2205, 71.1032, 64.0482



62.7354, 71.1032, 109.1212



77.8955, 71.1032, 92.5327

Rectangle

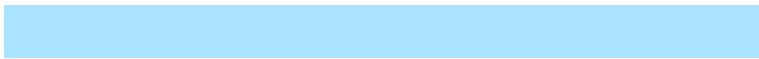
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.6709, 71.1032, 52.5419



63.3361, 71.1032, 51.8955



62.7354, 71.1032, 109.1212



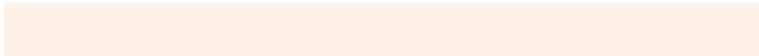
72.0124, 71.1032, 110.1811

Sweetspot

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



72.6727, 71.1065, 52.5434



87.4799, 90.4237, 89.2240



70.7248, 58.8466, 77.6793



18.4768, 19.0381, 18.4642



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.



72.6727, 71.1065, 52.5434



68.9563, 66.0866, 43.8659



83.1496, 92.0603, 56.0357



18.6380, 19.2442, 18.8765



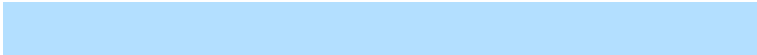
24.4572, 16.9255, 1.9779



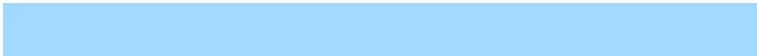
2.4866, 1.8585, 0.2277

Inverse Universe

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



63.0272, 69.5767, 104.7155



57.8385, 64.3142, 103.9732



54.0599, 51.6421, 101.7264



17.8764, 19.1245, 22.9992



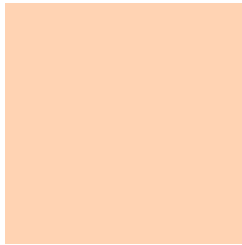
15.0843, 15.0783, 51.5500



1.5769, 1.6845, 5.0553

Previews

White Background



This preview shows how the XYZ color 72.6709, 71.1032, 52.5419 looks on a white background.

Color Contrast Check

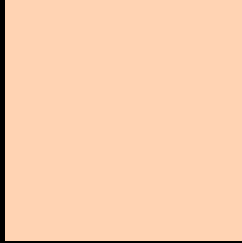
Large Text (above 18pt) WCAG AA × Fail

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 72.6709, 71.1032, 52.5419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

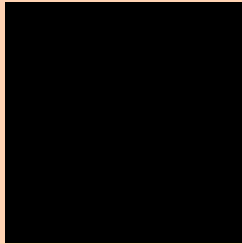
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.6709, 71.1032, 52.5419

Background



This preview shows how black text looks on a background with the XYZ color 72.6709, 71.1032, 52.5419.



This preview shows how white text looks on a background with the XYZ color 72.6709, 71.1032,

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

72.6709, 71.1032, 52.5419

Protanopia

67.1575, 71.2377, 55.0104

Deuteranopia

72.6709, 71.1032, 52.5419



Tritanopia

76.6040, 71.1061, 78.0940

Trichromacy



Original Color

72.6709, 71.1032, 52.5419

Protanomaly

68.9345, 71.0144, 54.3299

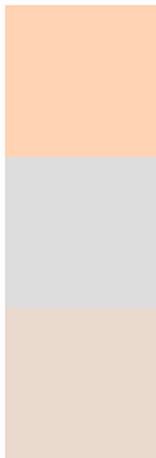
Deuteranomaly

72.6709, 71.1032, 52.5419

Tritanomaly

74.9365, 70.8280, 68.1141

Monochromacy



Original Color

72.6709, 71.1032, 52.5419

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.5577, 71.4056, 68.5091

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.6709, 71.1032, 52.5419 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, 211, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 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, 211, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 179) }
```

Border

The CSS property to change the border of an element to XYZ 72.6709, 71.1032, 52.5419 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, 211, 179) }
```


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

```
.border{ border-color:rgb(255, 211, 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, 211, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 72.6709, 71.1032, 52.5419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 179) }
```

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

```
.background{ background-color: rgb(255,  
211, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor