

Converting Colors

XYZ(73.5231, 72.6301, 52.1187)

Have a look what the booklet for
XYZ(73.5231, 72.6301, 52.1187)
contains.

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Color

**XYZ(73.3224, 72.5675,
52.2619)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD6B2
RGB	255, 214, 178
RGB Percent	100%, 84%, 70%
CMY	0.0000, 0.1608, 0.3020
CMYK	0.00, 0.16, 0.30, 0.00
HSL	28°, 100%, 85%
HSV	28°, 30%, 100%
XYZ	73.3224, 72.5675, 52.2619
YIQ	222.1550, 35.9920, -2.5040

Conversions

Conversions Part 2

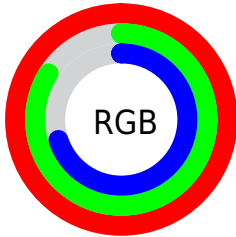
Format	Color
R _Y B	255, 246, 178
Decimal	16766642
CIE Lab	88.24, 9.25, 23.13
CIE LCh	88, 24.915, 68.201
Yxy	72.5675, 0.3700, 0.3662
Android (android.graphics.Color)	4294956722 (0xFFFFD6B2)
YUV	222.1550, -21.7684, 28.8051
Hunter-Lab	85.1866, 4.5633, 23.2562

Details

The XYZ color **73.3224, 72.5675, 52.2619** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **61.7408, 67.3458, 104.3527**, and the grayscale version is **69.6734, 73.3019, 79.8257**.

A 20% lighter version of the original color is **91.8513, 98.7205, 92.0558**, and **39.1258, 38.1473, 24.7030** is the 20% darker color. If you saturate the color by 10%, you get **67.7028, 65.0517, 38.9096**, and if you desaturate by 10%, it is **79.7081, 80.8532, 68.2191**.

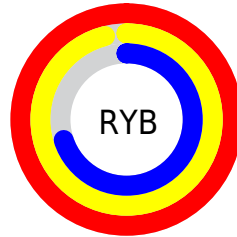
Distribution



Red (100%)

Green (84%)

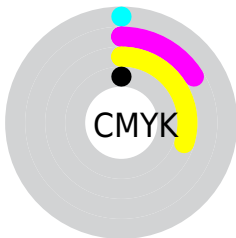
Blue (70%)



Red (100%)

Yellow (96%)

Blue (70%)

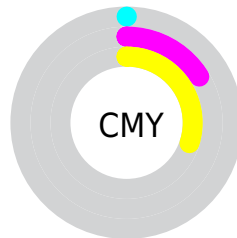


Cyan (0%)

Magenta (16%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.3224, 72.5675, 52.2619 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 73.3224, 72.5675, 52.2619 by changing the saturation by 10% instead.


 73.3224, 72.5675,
52.2619

 73.3224, 72.5675,
52.2619


461.2179,
469.5145, 412.4325

 54.5289, 53.6224,
36.8302


 122.9355,
122.8630, 94.9479

 39.2571, 38.2999,
24.7813


154.4858,
154.9822, 123.0392

 27.1414, 26.2155,
15.6966


191.0191,
192.2616, 156.1876

 17.8166, 16.9849,
9.1577

232.9007,
235.0855, 194.8114

 10.9173, 10.2237,
4.7460

280.4961,
283.8383, 239.3293

 6.0781, 5.5476,
2.0429

334.1705,

 2.9337, 2.5720,

338.9045, 290.1597

0.5815

394.2893,
400.6684, 347.7213

■ 1.1188, 0.9126,
0.0000

■ 0.0408, 0.0000,
0.0000

■ 73.3224, 72.5675,
52.2619

■ 73.3224, 72.5675,
52.2619

■ 67.7028, 65.0517,
38.9096

■ 79.7081, 80.8532,
68.2191

■ 62.8103, 58.2712,
28.0163

■ 86.8854, 89.9218,
86.9073

■ 58.6106, 52.2034,
19.4284

94.8853, 99.7988,
108.4499

■ 55.0638, 46.8203,
12.9728

95.0500, 100.0000,
108.9000

■ 52.1249, 42.0913,
8.4518

■ 49.7415, 37.9823,
5.6295

■ 47.8653, 34.5106,
4.1384

Harmonies

Analogous

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



78.3885, 72.5675, 60.3846



73.3224, 72.5675, 52.2619



67.3495, 72.5675, 50.7481

Triad

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



73.3224, 72.5675, 52.2619



58.2286, 72.5675, 83.7943



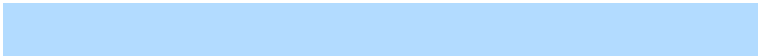
76.3150, 72.5675, 107.7520

Complementary

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



73.3224, 72.5675, 52.2619



61.7408, 67.3458, 104.3527

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.



70.6229, 72.5675, 116.2045



73.3224, 72.5675, 52.2619



60.3438, 72.5675, 101.1270

Square

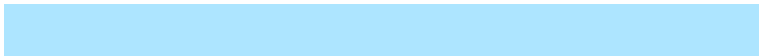
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.3224, 72.5675, 52.2619



58.8590, 72.5675, 67.4284



64.7995, 72.5675, 113.6196



80.1845, 72.5675, 91.8553

Rectangle

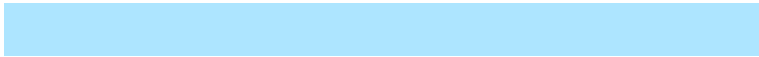
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.3224, 72.5675, 52.2619



63.6919, 72.5675, 53.4481



64.7995, 72.5675, 113.6196



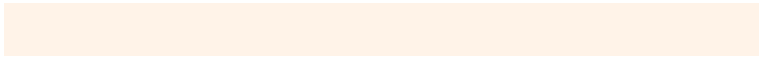
74.5387, 72.5675, 111.6553

Sweetspot

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



73.3243, 72.5708, 52.2634



87.7978, 91.0595, 89.3300



69.9558, 58.2195, 74.6149



18.5550, 19.1944, 18.4903



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.



73.3243, 72.5708, 52.2634



69.9705, 68.1149, 44.2040



84.2227, 94.3678, 55.8962



18.7096, 19.3874, 18.9004



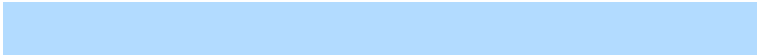
25.1570, 18.3252, 2.2112



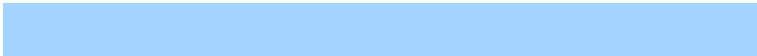
2.5576, 2.0006, 0.2513

Inverse Universe

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



61.7408, 67.3458, 104.3527



56.7572, 62.1516, 103.6128



52.8468, 49.5577, 101.3880



17.8038, 18.9792, 22.9749



14.1653, 13.2401, 51.2436



1.4886, 1.5080, 5.0259

Previews

White Background



This preview shows how the XYZ color 73.3224, 72.5675, 52.2619 looks on a white background.

Color Contrast Check

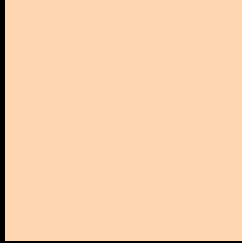
Large Text (above 18pt) WCAG AA × Fail

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 73.3224, 72.5675, 52.2619 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 73.3224, 72.5675, 52.2619

Background



This preview shows how black text looks on a background with the XYZ color 73.3224, 72.5675, 52.2619.



This preview shows how white text looks on a background with the XYZ color 73.3224, 72.5675,

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

73.3224, 72.5675, 52.2619

Protanopia

68.4579, 72.7113, 54.1426

Deuteranopia

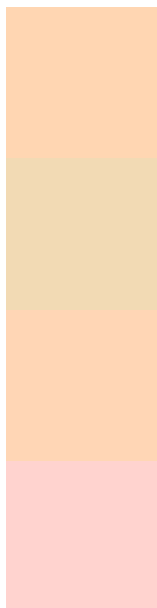
73.7301, 72.7305, 54.4084



Tritanopia

77.6059, 72.6809, 79.7506

Trichromacy



Original Color

73.3224, 72.5675, 52.2619

Protanomaly

69.9276, 72.3153, 53.4527

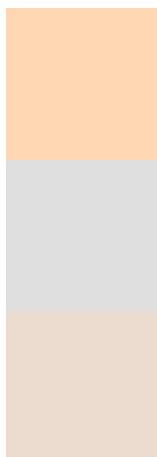
Deuteranomaly

73.6271, 72.6893, 53.8659

Tritanomaly

75.7968, 72.3535, 69.0022

Monochromacy



Original Color

73.3224, 72.5675, 52.2619

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.4038, 72.6117, 68.6973

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3224, 72.5675, 52.2619 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, 214, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 178)  
}
```

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, 214, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 178) }
```

Border

The CSS property to change the border of an element to XYZ 73.3224, 72.5675, 52.2619 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, 214, 178) }
```


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

```
.border{ border-color:rgb(255, 214, 178) }
```

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

Here you see how a box with a 4 pixel rgb(255, 214, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3224, 72.5675, 52.2619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 178) }
```

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

```
.background{ background-color: rgb(255,  
214, 178) }
```

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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