

Converting Colors

XYZ(73.0217, 71.6423, 53.1597)

Have a look what the booklet for
XYZ(73.0217, 71.6423, 53.1597)
contains.

XYZ(73.0217, 71.6423, 53.1597)	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(73.0217, 71.6423,
53.1597)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD4B4
RGB	255, 212, 180
RGB Percent	100%, 83%, 71%
CMY	0.0000, 0.1686, 0.2941
CMYK	0.00, 0.17, 0.29, 0.00
HSL	26°, 100%, 85%
HSV	26°, 29%, 100%
XYZ	73.0217, 71.6423, 53.1597
YIQ	221.2090, 35.9000, -0.8360

Conversions

Conversions Part 2

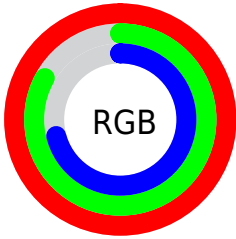
Format	Color
R_{YB}	255, 236, 180
Decimal	16766132
CIE _{Lab}	87.80, 10.54, 21.47
CIE _{LCh}	88, 23.923, 63.853
Yxy	71.6423, 0.3691, 0.3622
Android (android.graphics.Color)	4294956212 (0xFFFFD4B4)
YUV	221.2090, -20.3160, 29.6347
Hunter-Lab	84.6418, 5.8715, 22.0119

Details

The XYZ color **73.0217, 71.6423, 53.1597** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **63.2592, 69.6963, 104.7264**, and the grayscale version is **68.9962, 72.5894, 79.0498**.

A 20% lighter version of the original color is **92.1403, 98.8361, 93.5778**, and **38.9137, 37.5166, 25.2691** is the 20% darker color. If you saturate the color by 10%, you get **67.1692, 63.7190, 39.5502**, and if you desaturate by 10%, it is **79.6867, 80.4251, 69.3993**.

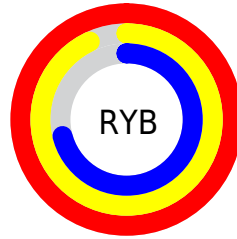
Distribution



Red (100%)

Green (83%)

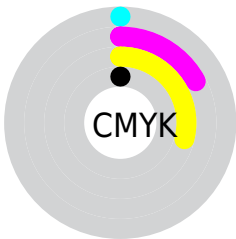
Blue (71%)



Red (100%)

Yellow (93%)

Blue (71%)

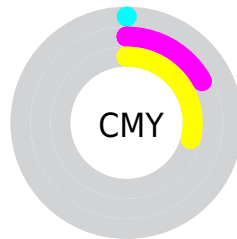


Cyan (0%)

Magenta (17%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.0217, 71.6423, 53.1597 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 73.0217, 71.6423, 53.1597 by changing the saturation by 10% instead.


 73.0217, 71.6423,
53.1597

 73.0217, 71.6423,
53.1597

460.1926,
466.2956, 415.9812

 54.2821, 52.8665,
37.5417


 122.5110,
121.5478, 96.2833

 39.0588, 37.6962,
25.3281

153.9914,
153.4464, 124.6259

 26.9864, 25.7470,
16.1004


190.4495,
190.4880, 158.0471

 17.6996, 16.6345,
9.4401

232.2507,
233.0571, 196.9654

 10.8329, 9.9742,
4.9286

279.7602,
281.5380, 241.7995

 6.0210, 5.3819,
2.1474

333.3435,

 2.8987, 2.4730,

336.3151, 292.9678

0.6438

393.3658,
397.7728, 350.8888

■ 1.1004, 0.8631,
0.0000

■ 0.0255, 0.0000,
0.0000

■ 73.0217, 71.6423,
53.1597

■ 73.0217, 71.6423,
53.1597

■ 67.1692, 63.7190,
39.5502

■ 79.6867, 80.4251,
69.3993

■ 62.0887, 56.6173,
28.4253

■ 87.1913, 90.0840,
88.3951

■ 57.7442, 50.3108,
19.6319

95.0500, 100.0000,
108.9000

■ 54.0940, 44.7678,
12.9980

■ 51.0916, 39.9534,
8.3273

■ 48.6829, 35.8292,
5.3869

■ 46.7897, 32.3461,
3.8205

■ 46.6893, 32.1586,
3.7464

Harmonies

Analogous

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



77.5739, 71.6423, 61.8453



73.0217, 71.6423, 53.1597



67.3625, 71.6423, 50.7720

Triad

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



73.0217, 71.6423, 53.1597



57.7666, 71.6423, 80.1273



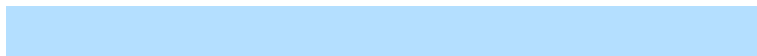
74.3617, 71.6423, 106.9765

Complementary

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



73.0217, 71.6423, 53.1597



63.2592, 69.6963, 104.7264

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.



68.8305, 71.6423, 113.5663



73.0217, 71.6423, 53.1597



59.4194, 71.6423, 96.7627

Square

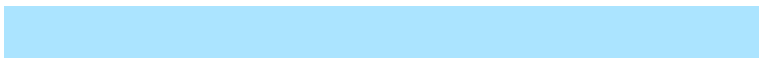
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.0217, 71.6423, 53.1597



58.7517, 71.6423, 65.0168



63.3929, 71.6423, 109.5922



78.3773, 71.6423, 92.6199

Rectangle

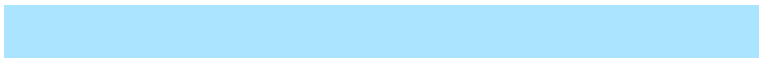
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.0217, 71.6423, 53.1597



63.7715, 71.6423, 52.7508



63.3929, 71.6423, 109.5922



72.6072, 71.6423, 110.2576

Sweetspot

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



73.0235, 71.6456, 53.1612



87.5182, 90.5003, 89.2368



70.9824, 59.2715, 78.0433



18.4862, 19.0569, 18.4674



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.



73.0235, 71.6456, 53.1612



69.6541, 67.1121, 45.2390



83.2769, 92.1524, 56.5790



18.6467, 19.2615, 18.8794



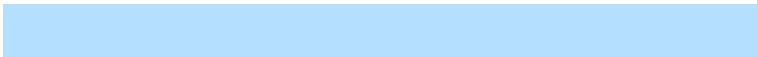
24.5371, 17.0853, 2.0046



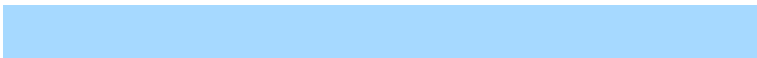
2.4948, 1.8749, 0.2304

Inverse Universe

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



63.2592, 69.6963, 104.7264



58.5141, 64.8811, 104.0470



54.4848, 52.1474, 101.8015



17.8676, 19.1069, 22.9962



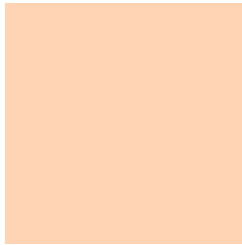
14.9682, 14.8461, 51.5113



1.5658, 1.6623, 5.0516

Previews

White Background



This preview shows how the XYZ color 73.0217, 71.6423, 53.1597 looks on a white background.

Color Contrast Check

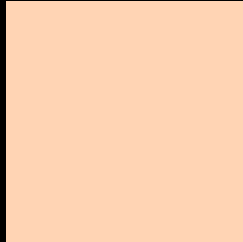
Large Text (above 18pt) WCAG AA × Fail

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 73.0217, 71.6423, 53.1597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

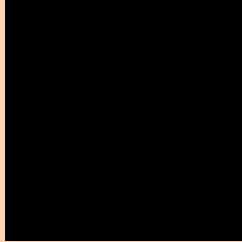
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.0217, 71.6423, 53.1597

Background



This preview shows how black text looks on a background with the XYZ color 73.0217, 71.6423, 53.1597.



This preview shows how white text looks on a background with the XYZ color 73.0217, 71.6423,

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

73.0217, 71.6423, 53.1597

Protanopia

67.8492, 71.9707, 55.6631

Deuteranopia

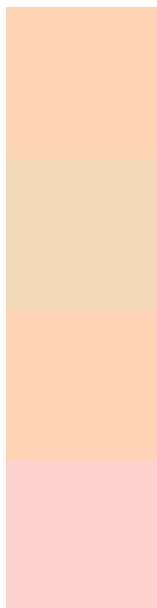
73.1240, 71.6832, 53.6982



Tritanopia

76.9807, 71.6457, 78.8789

Trichromacy



Original Color

73.0217, 71.6423, 53.1597

Protanomaly

69.6357, 71.7454, 54.9778

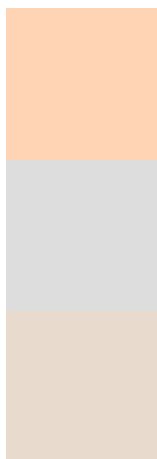
Deuteranomaly

73.1240, 71.6832, 53.6982

Tritanomaly

75.3029, 71.3659, 68.8376

Monochromacy



Original Color

73.0217, 71.6423, 53.1597

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.8163, 71.9227, 68.5953

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0217, 71.6423, 53.1597 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, 212, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 180)  
}
```

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, 212, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 180) }
```

Border

The CSS property to change the border of an element to XYZ 73.0217, 71.6423, 53.1597 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, 212, 180) }
```


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

```
.border{ border-color:rgb(255, 212, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 212, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0217, 71.6423, 53.1597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 180) }
```

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

```
.background{ background-color: rgb(255,  
212, 180) }
```

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