

Converting Colors

XYZ(73.1928, 72.0493, 53.0165)

Have a look what the booklet for
XYZ(73.1928, 72.0493, 53.0165)
contains.

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Color

**XYZ(73.2725, 72.1438,
53.2433)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD5B4
RGB	255, 213, 180
RGB Percent	100%, 84%, 71%
CMY	0.0000, 0.1647, 0.2941
CMYK	0.00, 0.16, 0.29, 0.00
HSL	26°, 100%, 85%
HSV	26°, 29%, 100%
XYZ	73.2725, 72.1438, 53.2433
YIQ	221.7960, 35.6250, -1.3590

Conversions

Conversions Part 2

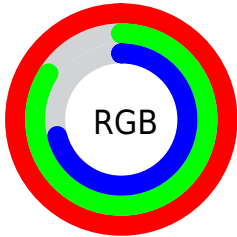
Format	Color
R _Y B	255, 239, 180
Decimal	16766388
CIE Lab	88.04, 10.02, 21.81
CIE LCh	88, 24.002, 65.314
Yxy	72.1438, 0.3688, 0.3632
Android (android.graphics.Color)	4294956468 (0xFFFFD5B4)
YUV	221.7960, -20.6054, 29.1199
Hunter-Lab	84.9375, 5.3448, 22.2902

Details

The XYZ color **73.2725, 72.1438, 53.2433** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.9929, 69.1636, 104.6376**, and the grayscale version is **69.4119, 73.0267, 79.5261**.

A 20% lighter version of the original color is **92.1403, 98.8361, 93.5778**, and **39.0836, 37.8563, 25.3258** is the 20% darker color. If you saturate the color by 10%, you get **67.4756, 64.3317, 39.6523**, and if you desaturate by 10%, it is **79.8671, 80.7860, 69.4595**.

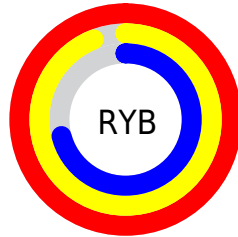
Distribution



Red (100%)

Green (84%)

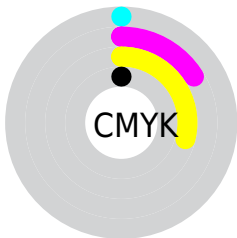
Blue (71%)



Red (100%)

Yellow (94%)

Blue (71%)

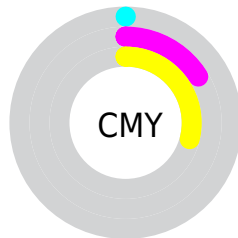


Cyan (0%)

Magenta (16%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (16%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.2725, 72.1438, 53.2433 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 73.2725, 72.1438, 53.2433 by changing the saturation by 10% instead.


 73.2725, 72.1438,
53.2433

 73.2725, 72.1438,
53.2433


461.0479,
468.0420, 416.3106

 54.4880, 53.2762,
37.6080


 122.8650,
122.2610, 96.4075

 39.2242, 38.0233,
25.3791


154.4038,
154.2792, 124.7734

 27.1157, 26.0007,
16.1381


190.9246,
191.4499, 158.2199

 17.7971, 16.8242,
9.4665

232.7929,
234.1573, 197.1656

 10.9032, 10.1092,
4.9458

280.3740,
282.7858, 242.0289

 6.0686, 5.4714,
2.1573

334.0333,

 2.9279, 2.5264,

337.7198, 293.2285

0.6496

394.1362,
399.3437, 351.1829

■ 1.1158, 0.8898,
0.0000

■ 0.0382, 0.0000,
0.0000

■ 73.2725, 72.1438,
53.2433

■ 73.2725, 72.1438,
53.2433

■ 67.4756, 64.3317,
39.6523

■ 79.8671, 80.7860,
69.4595

■ 62.4367, 57.3133,
28.5413

■ 87.2862, 90.2739,
88.4268

■ 58.1204, 51.0633,
19.7573

95.0500, 100.0000,
108.9000

■ 54.4858, 45.5513,
13.1286

■ 51.4871, 40.7443,
8.4591

■ 49.0709, 36.6052,
5.5162

■ 47.1600, 33.0867,
3.9439

■ 47.0583, 32.8966,
3.8694

Harmonies

Analogous

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



77.9531, 72.1438, 61.6979



73.2725, 72.1438, 53.2433



67.5558, 72.1438, 51.1522

Triad

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



73.2725, 72.1438, 53.2433



58.1813, 72.1438, 81.5092



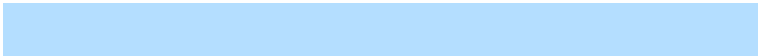
75.1342, 72.1438, 107.1949

Complementary

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



73.2725, 72.1438, 53.2433



62.9929, 69.1636, 104.6376

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.



69.5953, 72.1438, 114.3189



73.2725, 72.1438, 53.2433



59.9727, 72.1438, 98.2266

Square

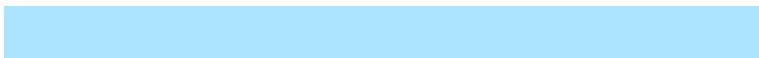
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.2725, 72.1438, 53.2433



59.0450, 72.1438, 66.1051



64.0741, 72.1438, 110.8282



79.0691, 72.1438, 92.4716

Rectangle

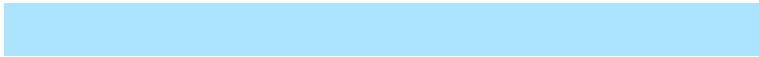
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.2725, 72.1438, 53.2433



63.9696, 72.1438, 53.3561



64.0741, 72.1438, 110.8282



73.3869, 72.1438, 110.6445

Sweetspot

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



73.2743, 72.1471, 53.2448



87.6093, 90.6824, 89.2671



70.8137, 59.2041, 77.1549



18.5086, 19.1017, 18.4748



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.



73.2743, 72.1471, 53.2448



69.9377, 67.6793, 45.3336



83.6640, 92.9266, 56.7080



18.6672, 19.3025, 18.8862



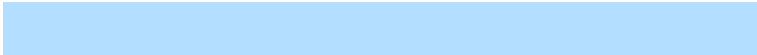
24.7318, 17.4749, 2.0695



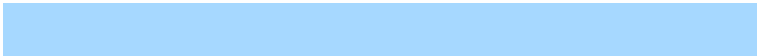
2.5147, 1.9147, 0.2370

Inverse Universe

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



62.9929, 69.1636, 104.6376



58.2086, 64.2702, 103.9452



54.2221, 51.6221, 101.7140



17.8468, 19.0651, 22.9893



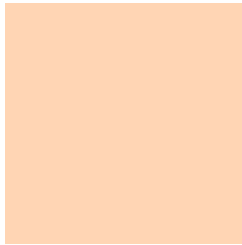
14.6982, 14.3060, 51.4212



1.5400, 1.6107, 5.0430

Previews

White Background



This preview shows how the XYZ color 73.2725, 72.1438, 53.2433 looks on a white background.

Color Contrast Check

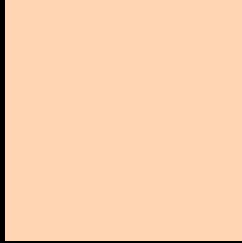
Large Text (above 18pt) WCAG AA × Fail

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 73.2725, 72.1438, 53.2433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

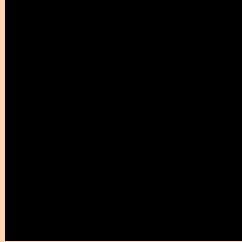
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.2725, 72.1438, 53.2433

Background



This preview shows how black text looks on a background with the XYZ color 73.2725, 72.1438, 53.2433.



This preview shows how white text looks on a background with the XYZ color 73.2725, 72.1438,

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

73.2725, 72.1438, 53.2433

Protanopia

68.1125, 72.4972, 55.7509

Deuteranopia

73.4777, 72.2259, 54.3243



Tritanopia

77.3597, 72.1886, 79.6685

Trichromacy



Original Color

73.2725, 72.1438, 53.2433

Protanomaly

69.8943, 72.2625, 55.0640

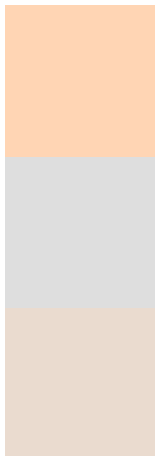
Deuteranomaly

73.3747, 72.1847, 53.7818

Tritanomaly

75.5491, 71.8582, 68.9196

Monochromacy



Original Color

73.2725, 72.1438, 53.2433

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.5257, 72.6605, 69.3393

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2725, 72.1438, 53.2433 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, 213, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 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, 213, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 180) }
```

Border

The CSS property to change the border of an element to XYZ 73.2725, 72.1438, 53.2433 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, 213, 180) }
```


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

```
.border{ border-color:rgb(255, 213, 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, 213, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2725, 72.1438, 53.2433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 180) }
```

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

```
.background{ background-color: rgb(255,  
213, 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](#).

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