

Converting Colors

XYZ(73.4418, 70.3242, 59.9534)

Have a look what the booklet for
XYZ(73.4418, 70.3242, 59.9534)
contains.

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Color

**XYZ(73.4215, 70.2220,
60.1365)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD0C1
RGB	255, 208, 193
RGB Percent	100%, 82%, 76%
CMY	0.0000, 0.1843, 0.2431
CMYK	0.00, 0.18, 0.24, 0.00
HSL	15°, 100%, 88%
HSV	15°, 24%, 100%
XYZ	73.4215, 70.2220, 60.1365
YIQ	220.3430, 32.8270, 5.2990

Conversions

Conversions Part 2

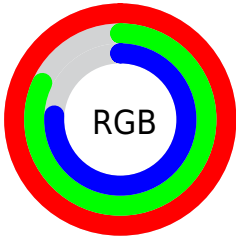
Format	Color
R _Y B	255, 213, 193
Decimal	16765121
CIE Lab	87.11, 14.35, 13.68
CIE LCh	87, 19.825, 43.616
Yxy	70.2220, 0.3603, 0.3446
Android (android.graphics.Color)	4294955201 (0xFFFFD0C1)
YUV	220.3430, -13.4801, 30.3942
Hunter-Lab	83.7986, 9.7482, 16.1106

Details

The XYZ color **73.4215, 70.2220, 60.1365** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.2014, 80.8750, 106.4655**, and the grayscale version is **68.3437, 71.9029, 78.3023**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **39.2418, 36.8456, 29.4697** is the 20% darker color. If you saturate the color by 10%, you get **66.3899, 60.3253, 44.9476**, and if you desaturate by 10%, it is **81.5214, 81.4698, 78.1029**.

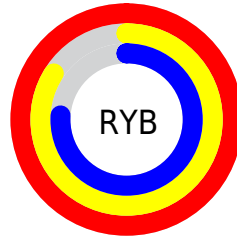
Distribution



Red (100%)

Green (82%)

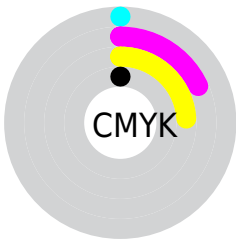
Blue (76%)



Red (100%)

Yellow (84%)

Blue (76%)

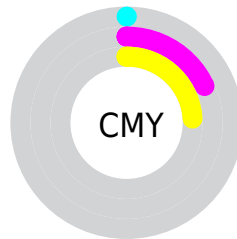


Cyan (0%)

Magenta (18%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.4215, 70.2220, 60.1365 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 73.4215, 70.2220, 60.1365 by changing the saturation by 10% instead.


 73.4215, 70.2220,
60.1365

 73.4215, 70.2220,
60.1365


461.5556,
461.3291, 442.9193

 54.6103, 51.7075,
43.1026


 123.0753,
119.5253, 106.5730

 39.3224, 36.7720,
29.6337


154.6486,
151.0829, 136.8127

 27.1925, 25.0310,
19.3110


191.2067,
187.7570, 172.2914

 17.8552, 16.1002,
11.7161

233.1148,
229.9321, 213.4277

 10.9451, 9.5951,
6.4305

280.7384,
277.9924, 260.6401

 6.0970, 5.1313,
3.0356

334.4429,

 2.9453, 2.3245,

332.3224, 314.3471

1.1128

394.5935,
393.3065, 374.9674

■ 1.1249, 0.7866,
0.0000

■ 0.0458, 0.0000,
0.0000

■ 73.4215, 70.2220,
60.1365

■ 73.4215, 70.2220,
60.1365

■ 66.3899, 60.3253,
44.9476

■ 81.5214, 81.4698,
78.1029

■ 60.3756, 51.7191,
32.3924

■ 90.7273, 94.1075,
98.9719

■ 55.3313, 44.3520,
22.3209

95.0500, 100.0000,
108.9000

■ 51.2034, 38.1654,
14.5658

■ 47.9329, 33.0959,
8.9393

■ 45.4532, 29.0736,
5.2237

■ 43.6860, 26.0197,
3.1533

■ 42.9472, 24.6743,
2.4991

Harmonies

Analogous

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



75.8066, 70.2220, 70.5945



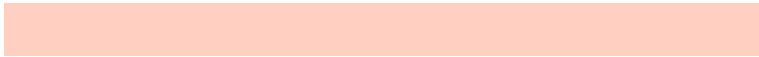
73.4215, 70.2220, 60.1365



69.2952, 70.2220, 54.4502

Triad

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



73.4215, 70.2220, 60.1365



58.5362, 70.2220, 69.4690



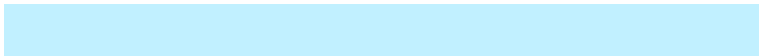
68.8688, 70.2220, 104.1132

Complementary

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



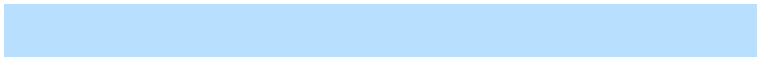
73.4215, 70.2220, 60.1365



71.2014, 80.8750, 106.4655

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.



64.2560, 70.2220, 103.7209



73.4215, 70.2220, 60.1365



58.4339, 70.2220, 82.6414

Square

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



73.4215, 70.2220, 60.1365



60.7701, 70.2220, 59.3952



60.4840, 70.2220, 95.4981



73.0969, 70.2220, 96.5149

Rectangle

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



73.4215, 70.2220, 60.1365



66.1821, 70.2220, 53.6663



60.4840, 70.2220, 95.4981



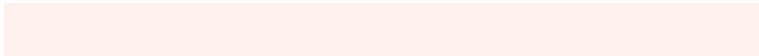
67.3089, 70.2220, 104.9361

Sweetspot

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



73.4232, 70.2251, 60.1379



88.1426, 90.5724, 93.0723



76.1179, 65.7236, 91.5284



18.7443, 19.2193, 19.6440



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.



73.4232, 70.2251, 60.1379



69.9969, 65.4208, 52.6812



81.5765, 86.5317, 62.8557



18.3663, 18.7008, 18.7859



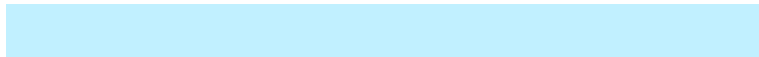
22.5370, 13.0852, 1.3379



2.2751, 1.4355, 0.1572

Inverse Universe

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



71.2014, 80.8750, 106.4655



67.4317, 77.6777, 106.0470



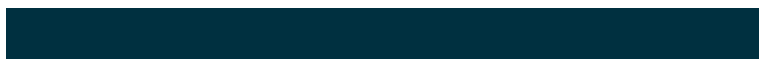
62.9745, 64.4213, 103.7232



18.1605, 19.6926, 23.0938



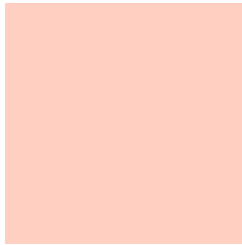
19.5514, 24.0124, 53.0390



1.9885, 2.5076, 5.1925

Previews

White Background



This preview shows how the XYZ color 73.4215, 70.2220, 60.1365 looks on a white background.

Color Contrast Check

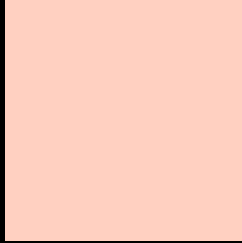
Large Text (above 18pt) WCAG AA × Fail

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 73.4215, 70.2220, 60.1365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

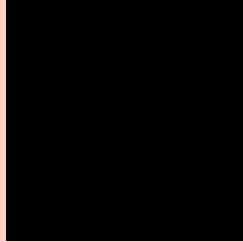
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.4215, 70.2220, 60.1365

Background



This preview shows how black text looks on a background with the XYZ color 73.4215, 70.2220, 60.1365.



This preview shows how white text looks on a background with the XYZ color 73.4215, 70.2220,

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

73.4215, 70.2220, 60.1365

Protanopia

66.9430, 70.5509, 63.5155

Deuteranopia

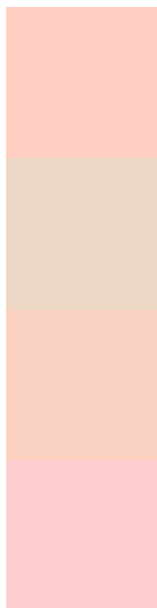
71.7392, 70.0832, 60.1984



Tritanopia

75.9896, 70.0900, 77.2338

Trichromacy



Original Color

73.4215, 70.2220, 60.1365

Protanomaly

68.9354, 70.0832, 62.1187

Deuteranomaly

72.2098, 69.9604, 60.1499

Tritanomaly

74.9442, 70.0558, 70.5449

Monochromacy



Original Color

73.4215, 70.2220, 60.1365

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.7930, 71.0885, 71.0157

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4215, 70.2220, 60.1365 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, 208, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 193)  
}
```

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, 208, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 193) }
```

Border

The CSS property to change the border of an element to XYZ 73.4215, 70.2220, 60.1365 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, 208, 193) }
```


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

```
.border{ border-color:rgb(255, 208, 193) }
```

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

Here you see how a box with a 4 pixel rgb(255, 208, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4215, 70.2220, 60.1365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 193) }
```

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

```
.background{ background-color: rgb(255,  
208, 193) }
```

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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