

Converting Colors

XYZ(74.2944, 70.9624, 59.2747)

Have a look what the booklet for
XYZ(74.2944, 70.9624, 59.2747)
contains.

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Color

**XYZ(73.4444, 70.6225,
59.0508)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD1BF
RGB	255, 209, 191
RGB Percent	100%, 82%, 75%
CMY	0.0000, 0.1804, 0.2510
CMYK	0.00, 0.18, 0.25, 0.00
HSL	17°, 100%, 87%
HSV	17°, 25%, 100%
XYZ	73.4444, 70.6225, 59.0508
YIQ	220.7020, 33.1940, 4.1540

Conversions

Conversions Part 2

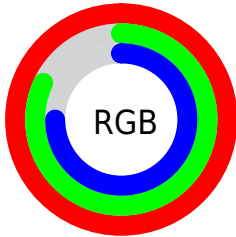
Format	Color
R _Y B	255, 216, 191
Decimal	16765375
CIE Lab	87.30, 13.56, 15.01
CIE LCh	87, 20.223, 47.905
Yxy	70.6225, 0.3616, 0.3477
Android (android.graphics.Color)	4294955455 (0xFFFFD1BF)
YUV	220.7020, -14.6431, 30.0793
Hunter-Lab	84.0372, 8.9352, 17.1645

Details

The XYZ color **73.4444, 70.6225, 59.0508** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.8191, 78.8623, 106.1498**, and the grayscale version is **68.6029, 72.1756, 78.5992**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **39.3347, 37.1480, 29.1419** is the 20% darker color. If you saturate the color by 10%, you get **66.6384, 61.1172, 44.1217**, and if you desaturate by 10%, it is **81.2597, 81.3640, 76.7283**.

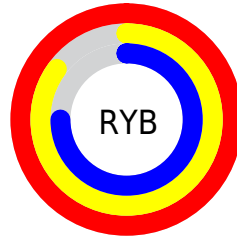
Distribution



Red (100%)

Green (82%)

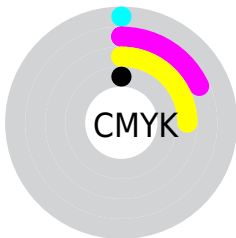
Blue (75%)



Red (100%)

Yellow (85%)

Blue (75%)

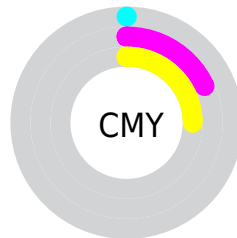


Cyan (0%)

Magenta (18%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.4444, 70.6225, 59.0508 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 73.4444, 70.6225, 59.0508 by changing the saturation by 10% instead.


 73.4444, 70.6225,
59.0508

 73.4444, 70.6225,
59.0508


461.6336,
462.7327, 438.7973

 54.6291, 52.0342,
42.2337


 123.1076,
120.0961, 104.9813

 39.3375, 37.0323,
28.9574


154.6862,
151.7501, 134.9319

 27.2043, 25.2325,
18.8033


191.2500,
188.5281, 170.0974

 17.8641, 16.2504,
11.3529

233.1643,
230.8146, 210.8963

 10.9516, 9.7015,
6.1876

280.7944,
278.9939, 257.7472

 6.1013, 5.2015,
2.8888

334.5058,

 2.9480, 2.3660,

333.4505, 311.0686

1.0382

394.6637,
394.5686, 371.2791

■ 1.1263, 0.8083,
0.0000

■ 0.0470, 0.0000,
0.0000

■ 73.4444, 70.6225,
59.0508

■ 73.4444, 70.6225,
59.0508

■ 66.6384, 61.1172,
44.1217

■ 81.2597, 81.3640,
76.7283

■ 60.7938, 52.7935,
31.7976

■ 90.1192, 93.3749,
97.2791

■ 55.8661, 45.6068,
21.9282

95.0500, 100.0000,
108.9000

■ 51.8055, 39.5058,
14.3465

■ 48.5565, 34.4349,
8.8639

■ 46.0564, 30.3331,
5.2613

■ 44.2314, 27.1317,
3.2698

■ 43.5405, 25.8611,
2.6968

Harmonies

Analogous

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



76.2093, 70.6225, 69.1207



73.4444, 70.6225, 59.0508



69.0593, 70.6225, 54.0219

Triad

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



73.4444, 70.6225, 59.0508



58.5727, 70.6225, 71.5369



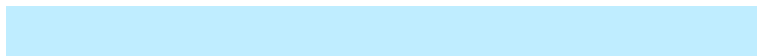
69.9759, 70.6225, 104.6113

Complementary

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



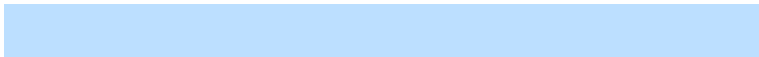
73.4444, 70.6225, 59.0508



69.8191, 78.8623, 106.1498

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.



65.2263, 70.6225, 105.4573



73.4444, 70.6225, 59.0508



58.7921, 70.6225, 85.2333

Square

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



73.4444, 70.6225, 59.0508



60.5640, 70.6225, 60.6391



61.1781, 70.6225, 98.0163



74.1426, 70.6225, 95.8259

Rectangle

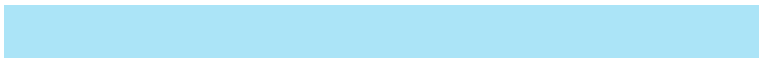
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.4444, 70.6225, 59.0508



65.8745, 70.6225, 53.7595



61.1781, 70.6225, 98.0163



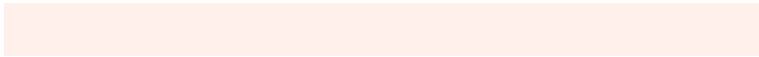
68.3903, 70.6225, 105.8683

Sweetspot

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



73.4462, 70.6257, 59.0523



87.4377, 89.7551, 91.0106



75.2940, 64.6915, 89.3562



18.4254, 18.8189, 18.8056



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.



73.4462, 70.6257, 59.0523



69.9855, 65.8131, 51.3977



81.8240, 87.3813, 61.8449



18.4254, 18.8189, 18.8056



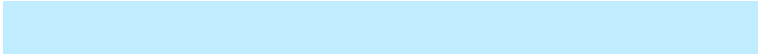
22.8589, 13.7290, 1.4452



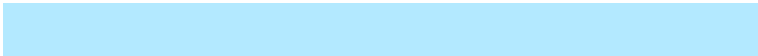
2.3134, 1.5121, 0.1699

Inverse Universe

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



69.8191, 78.8623, 106.1498



65.7995, 75.2932, 105.6728



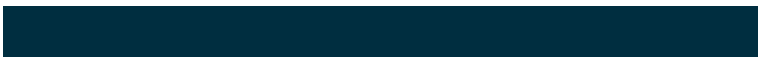
61.5918, 62.4077, 103.4074



18.0976, 19.5668, 23.0729



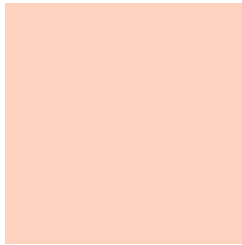
18.4407, 21.7909, 52.6687



1.8881, 2.3069, 5.1590

Previews

White Background



This preview shows how the XYZ color 73.4444, 70.6225, 59.0508 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 73.4444, 70.6225, 59.0508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

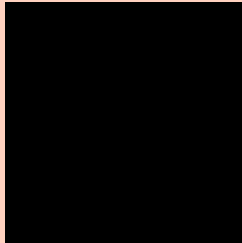
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.4444, 70.6225, 59.0508

Background



This preview shows how black text looks on a background with the XYZ color 73.4444, 70.6225, 59.0508.



This preview shows how white text looks on a background with the XYZ color 73.4444, 70.6225,

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

73.4444, 70.6225, 59.0508

Protanopia

67.0301, 70.6223, 62.3232

Deuteranopia

72.1226, 70.6741, 59.1304



Tritanopia

76.2296, 70.5699, 77.3138

Trichromacy



Original Color

73.4444, 70.6225, 59.0508

Protanomaly

69.2979, 70.6731, 61.0278

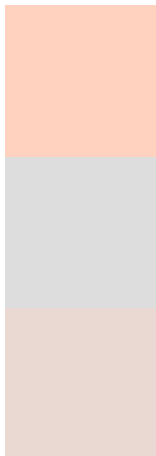
Deuteranomaly

72.5954, 70.5502, 59.0816

Tritanomaly

75.0614, 70.4891, 69.9712

Monochromacy



Original Color

73.4444, 70.6225, 59.0508

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

70.0500, 71.6025, 71.1014

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4444, 70.6225, 59.0508 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, 209, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 191)  
}
```

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, 209, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 191) }
```

Border

The CSS property to change the border of an element to XYZ 73.4444, 70.6225, 59.0508 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, 209, 191) }
```


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

```
.border{ border-color:rgb(255, 209, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 209, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4444, 70.6225, 59.0508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 191) }
```

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

```
.background{ background-color: rgb(255,  
209, 191) }
```

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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