

Converting Colors

XYZ(82.4302, 75.6972, 59.4044)

Have a look what the booklet for
XYZ(82.4302, 75.6972, 59.4044)
contains.

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Color

**XYZ(73.6906, 71.1148,
59.1328)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD2BF
RGB	255, 210, 191
RGB Percent	100%, 82%, 75%
CMY	0.0000, 0.1764, 0.2510
CMYK	0.00, 0.18, 0.25, 0.00
HSL	18°, 100%, 87%
HSV	18°, 25%, 100%
XYZ	73.6906, 71.1148, 59.1328
YIQ	221.2890, 32.9190, 3.6310

Conversions

Conversions Part 2

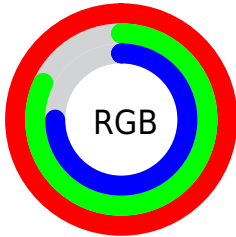
Format	Color
R _Y B	255, 218, 191
Decimal	16765631
CIE Lab	87.54, 13.04, 15.34
CIE LCh	88, 20.134, 49.647
Yxy	71.1148, 0.3613, 0.3487
Android (android.graphics.Color)	4294955711 (0xFFFFD2BF)
YUV	221.2890, -14.9325, 29.5645
Hunter-Lab	84.3296, 8.4037, 17.4559

Details

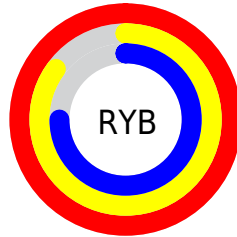
The XYZ color **73.6906, 71.1148, 59.1328** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.5303, 78.2847, 106.0536**, and the grayscale version is **69.0172, 72.6115, 79.0739**.

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 **66.9442, 61.7288, 44.2236**, and if you desaturate by 10%, it is **81.4249, 81.6943, 76.7833**.

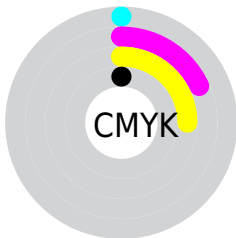
Distribution



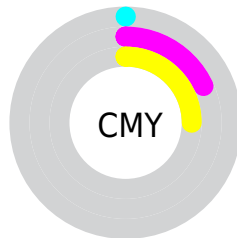
- Red (100%)
- Green (82%)
- Blue (75%)



- 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 73.6906, 71.1148, 59.1328 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 73.6906, 71.1148, 59.1328 by changing the saturation by 10% instead.


 73.6906, 71.1148,
59.1328

 73.6906, 71.1148,
59.1328


462.4717,
464.4546, 439.1094

 54.8312, 52.4359,
42.2993


 123.4550,
120.7972, 105.1017

 39.4999, 37.3526,
29.0084

155.0907,
152.5694, 135.0741

 27.3313, 25.4806,
18.8416

191.7159,
189.4749, 170.2633

 17.9601, 16.4355,
11.3802

233.6959,
231.8980, 211.0878

 11.0209, 9.8329,
6.2058

281.3962,
280.2232, 257.9662

 6.1483, 5.2883,
2.8998

335.1820,

 2.9770, 2.4174,

334.8347, 311.3168

1.0437

395.4187,
396.1171, 371.5584

■ 1.1416, 0.8348,
0.0000

■ 0.0595, 0.0000,
0.0000

■ 73.6906, 71.1148,
59.1328

■ 73.6906, 71.1148,
59.1328

■ 66.9442, 61.7288,
44.2236

■ 81.4249, 81.6943,
76.7833

■ 61.1390, 53.4840,
31.9126

■ 90.1809, 93.4982,
97.2996

■ 56.2319, 46.3384,
22.0501

95.0500, 100.0000,
108.9000

■ 52.1742, 40.2433,
14.4694

■ 48.9121, 35.1462,
8.9824

■ 46.3847, 30.9895,
5.3707

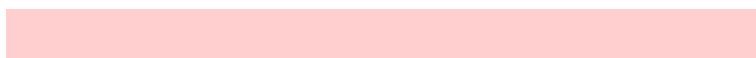
■ 44.5198, 27.7084,
3.3659

■ 43.8055, 26.3909,
2.7852

Harmonies

Analogous

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



76.5793, 71.1148, 68.9527



73.6906, 71.1148, 59.1328



69.2499, 71.1148, 54.4125

Triad

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



73.6906, 71.1148, 59.1328



58.9867, 71.1148, 72.8183



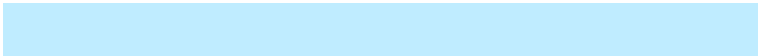
70.7152, 71.1148, 104.8201

Complementary

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



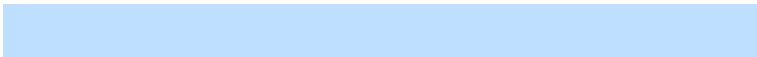
73.6906, 71.1148, 59.1328



69.5303, 78.2847, 106.0536

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.



65.9617, 71.1148, 106.1704



73.6906, 71.1148, 59.1328



59.3378, 71.1148, 86.5792

Square

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



73.6906, 71.1148, 59.1328



60.8578, 71.1148, 61.6765



61.8404, 71.1148, 99.1633



74.8065, 71.1148, 95.6651

Rectangle

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



73.6906, 71.1148, 59.1328



66.0710, 71.1148, 54.3682



61.8404, 71.1148, 99.1633



69.1371, 71.1148, 106.2396

Sweetspot

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



73.6923, 71.1180, 59.1343



87.5318, 89.9433, 91.0420



75.1378, 64.6289, 88.5334



18.4490, 18.8661, 18.8135



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.



73.6923, 71.1180, 59.1343



70.2635, 66.3691, 51.4904



82.1390, 88.0114, 61.9498



18.4490, 18.8661, 18.8135



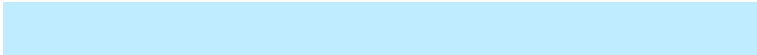
23.0017, 14.0146, 1.4928



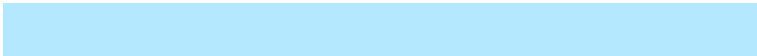
2.3298, 1.5450, 0.1754

Inverse Universe

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



69.5303, 78.2847, 106.0536



65.4613, 74.6168, 105.5600



61.3360, 61.8960, 103.3221



18.0727, 19.5170, 23.0646



18.0199, 20.9494, 52.5285



1.8498, 2.2303, 5.1463

Previews

White Background



This preview shows how the XYZ color 73.6906, 71.1148, 59.1328 looks on a white background.

Color Contrast Check

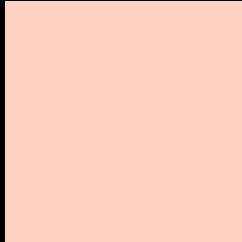
Large Text (above 18pt) WCAG AA × Fail

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 73.6906, 71.1148, 59.1328 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 73.6906, 71.1148, 59.1328

Background



This preview shows how black text looks on a background with the XYZ color 73.6906, 71.1148, 59.1328.

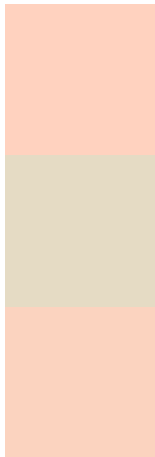


This preview shows how white text looks on a background with the XYZ color 73.6906, 71.1148,

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

73.6906, 71.1148, 59.1328

Protanopia

67.6084, 71.3066, 62.4248

Deuteranopia

72.4819, 70.8593, 59.1472



Tritanopia

76.6040, 71.1061, 78.0940

Trichromacy



Original Color

73.6906, 71.1148, 59.1328

Protanomaly

69.5534, 71.1839, 61.1130

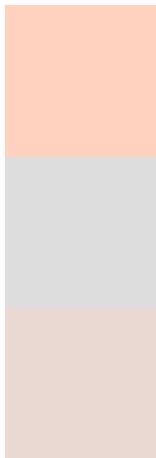
Deuteranomaly

72.8431, 71.0456, 59.1641

Tritanomaly

75.4287, 71.0249, 70.7064

Monochromacy



Original Color

73.6906, 71.1148, 59.1328

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 73.6906, 71.1148, 59.1328 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, 210, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 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, 210, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 191) }
```

Border

The CSS property to change the border of an element to XYZ 73.6906, 71.1148, 59.1328 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, 210, 191) }
```


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

```
.border{ border-color:rgb(255, 210, 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, 210, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6906, 71.1148, 59.1328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 191) }
```

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

```
.background{ background-color: rgb(255,  
210, 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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