

Converting Colors

XYZ(73.8339, 74.7992, 59.3141)

Have a look what the booklet for
XYZ(73.8339, 74.7992, 59.3141)
contains.

XYZ(73.9544, 75.0438, 59.3023)	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(73.9544, 75.0438,
59.3023)**

Conversions

Conversions Part 1

Format	Color
Hex	F9DCBE
RGB	249, 220, 190
RGB Percent	98%, 86%, 75%
CMY	0.0235, 0.1372, 0.2549
CMYK	0.00, 0.12, 0.24, 0.02
HSL	31°, 83%, 86%
HSV	31°, 24%, 98%
XYZ	73.9544, 75.0438, 59.3023
YIQ	225.2510, 26.9140, -3.1820

Conversions

Conversions Part 2

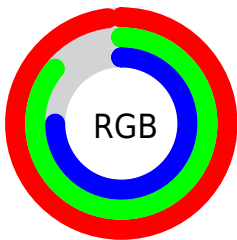
Format	Color
R _Y B	247, 249, 190
Decimal	16374974
CIE Lab	89.41, 5.51, 18.42
CIE LCh	89, 19.224, 73.338
Yxy	75.0438, 0.3550, 0.3603
Android (android.graphics.Color)	4294565054 (0xFFF9DCBE)
YUV	225.2510, -17.3787, 20.8279
Hunter-Lab	86.6278, 0.7872, 20.0517

Details

The XYZ color **73.9544, 75.0438, 59.3023** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **63.6652, 68.4481, 99.4793**, and the grayscale version is **71.8578, 75.6000, 82.3284**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **39.7087, 39.9229, 29.2799** is the 20% darker color. If you saturate the color by 10%, you get **68.3675, 67.8594, 45.1407**, and if you desaturate by 10%, it is **80.2453, 82.8912, 75.9941**.

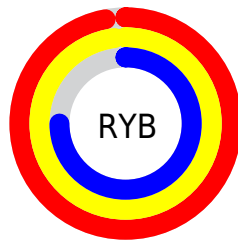
Distribution



Red (98%)

Green (86%)

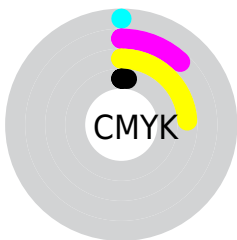
Blue (75%)



Red (97%)

Yellow (98%)

Blue (75%)

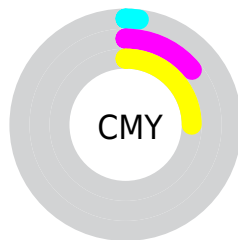


Cyan (0%)

Magenta (12%)

Yellow (24%)

Black (2%)



Cyan (2%)


Magenta (14%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.9544, 75.0438, 59.3023 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 73.9544, 75.0438, 59.3023 by changing the saturation by 10% instead.


 73.9544, 75.0438,
59.3023

 73.9544, 75.0438,
59.3023


463.3687,
478.0681, 439.7543

 55.0479, 55.6488,
42.4349


 123.8270,
126.3744, 105.3503

 39.6740, 39.9214,
29.1139


155.5238,
159.0787, 135.3681

 27.4676, 27.4773,
18.9207


192.2147,
196.9882, 170.6063

 18.0631, 17.9320,
11.4367

234.2651,
240.4874, 211.4836

 11.0953, 10.9012,
6.2435

282.0404,
289.9606, 258.4185

 6.1987, 6.0004,
2.9226

335.9058,

 3.0081, 2.8453,

345.7921, 311.8296

1.0552

396.2268,
408.3665, 372.1353

■ 1.1580, 1.0515,
0.0000

■ 0.0728, 0.0000,
0.0000

■ 73.9544, 75.0438,
59.3023

■ 73.9544, 75.0438,
59.3023

■ 68.3675, 67.8594,
45.1407

■ 80.2453, 82.8912,
75.9941

■ 63.4502, 61.3084,
33.3785

■ 87.2612, 91.4099,
95.3286

■ 59.1735, 55.3735,
23.8802

■ 92.8771, 98.8798,
108.7983

■ 55.5036, 50.0327,
16.4946

■ 52.4033, 45.2622,
11.0521

■ 49.8296, 41.0355,
7.3559

■ 47.7316, 37.3227,
5.1669

■ 46.6089, 35.2234,
4.3422

Harmonies

Analogous

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



78.1164, 75.0438, 65.1759



73.9544, 75.0438, 59.3023



69.2587, 75.0438, 58.9884

Triad

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



73.9544, 75.0438, 59.3023



62.8753, 75.0438, 87.8385



77.7224, 75.0438, 102.0562

Complementary

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



73.9544, 75.0438, 59.3023



63.6652, 68.4481, 99.4793

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.



73.4359, 75.0438, 109.6247



73.9544, 75.0438, 59.3023



64.9427, 75.0438, 100.8275

Square

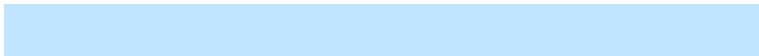
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.9544, 75.0438, 59.3023



63.0004, 75.0438, 74.4987



68.7623, 75.0438, 109.1517



80.3565, 75.0438, 89.3722

Rectangle

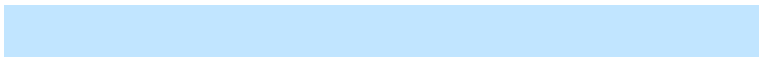
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.9544, 75.0438, 59.3023



66.4662, 75.0438, 61.9060



68.7623, 75.0438, 109.1517



76.4190, 75.0438, 105.3423

Sweetspot

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



73.9564, 75.0472, 59.3039



89.5731, 93.4334, 93.5491



70.3333, 62.1085, 75.6455



19.0751, 19.8810, 19.7543



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.



73.9564, 75.0472, 59.3039



75.4197, 75.8436, 55.7921



82.2375, 91.6094, 62.0642



17.9744, 18.6846, 18.1215



25.0916, 19.1398, 2.3719



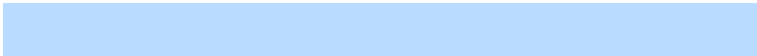
2.4300, 1.9849, 0.2550

Inverse Universe

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



63.6652, 68.4481, 99.4793



62.9719, 67.8619, 104.3874



56.7485, 54.6147, 97.1737



16.9874, 18.0516, 21.9743



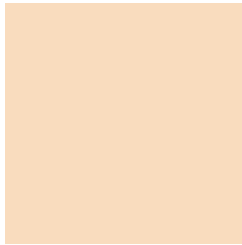
13.0439, 11.4434, 49.4949



1.3139, 1.2715, 4.6193

Previews

White Background



This preview shows how the XYZ color 73.9544, 75.0438, 59.3023 looks on a white background.

Color Contrast Check

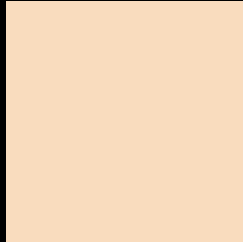
Large Text (above 18pt) WCAG AA × Fail

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 73.9544, 75.0438, 59.3023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

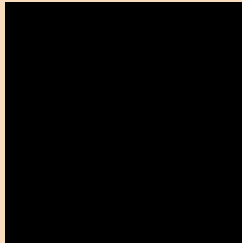
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.9544, 75.0438, 59.3023

Background



This preview shows how black text looks on a background with the XYZ color 73.9544, 75.0438, 59.3023.



This preview shows how white text looks on a background with the XYZ color 73.9544, 75.0438,

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

73.9544, 75.0438, 59.3023

Protanopia

70.7622, 74.9499, 60.6064

Deuteranopia

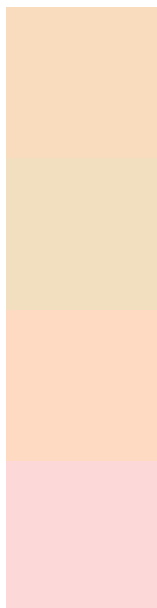
75.9032, 74.8258, 62.0721



Tritanopia

79.3434, 74.9335, 85.8831

Trichromacy



Original Color

73.9544, 75.0438, 59.3023

Protanomaly

72.0673, 75.2377, 60.0142

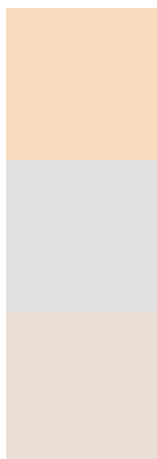
Deuteranomaly

75.2051, 74.8757, 60.9408

Tritanomaly

77.0954, 74.7650, 75.3335

Monochromacy



Original Color

73.9544, 75.0438, 59.3023

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.2030, 75.0212, 72.9624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9544, 75.0438, 59.3023 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(249, 220, 190)` looks like.

```
.text, #text, p{  
    color:rgb(249, 220, 190)  
}
```

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(249, 220, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 220, 190) }
```

Border

The CSS property to change the border of an element to XYZ 73.9544, 75.0438, 59.3023 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(249, 220, 190) }
```


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

```
.border{ border-color:rgb(249, 220, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 220, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 220, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 220, 190);  
box-shadow:4px 4px 4px 4px rgb(249, 220,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9544, 75.0438, 59.3023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 220, 190) }
```

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

```
.background{ background-color: rgb(249,  
220, 190) }
```

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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