

Converting Colors

XYZ(75.5172, 74.7237, 59.8785)

Have a look what the booklet for
XYZ(75.5172, 74.7237, 59.8785)
contains.

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Color

**XYZ(75.4568, 74.6473,
59.7216)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD9BF
RGB	255, 217, 191
RGB Percent	100%, 85%, 75%
CMY	0.0000, 0.1490, 0.2510
CMYK	0.00, 0.15, 0.25, 0.00
HSL	24°, 100%, 87%
HSV	24°, 25%, 100%
XYZ	75.4568, 74.6473, 59.7216
YIQ	225.3980, 30.9940, -0.0300

Conversions

Conversions Part 2

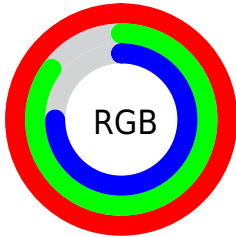
Format	Color
R _Y B	255, 235, 191
Decimal	16767423
CIE Lab	89.23, 9.41, 17.71
CIE LCh	89, 20.055, 62.027
Yxy	74.6473, 0.3596, 0.3558
Android (android.graphics.Color)	4294957503 (0xFFFFD9BF)
YUV	225.3980, -16.9582, 25.9610
Hunter-Lab	86.3987, 4.6964, 19.4959

Details

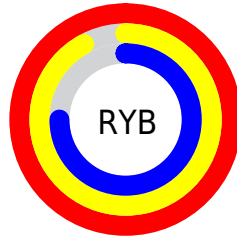
The XYZ color **75.4568, 74.6473, 59.7216** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.5543, 74.3327, 105.3949**, and the grayscale version is **71.9587, 75.7061, 82.4439**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **40.7965, 39.6814, 29.5538** is the 20% darker color. If you saturate the color by 10%, you get **69.1668, 66.1740, 44.9646**, and if you desaturate by 10%, it is **82.5971, 84.0387, 77.1741**.

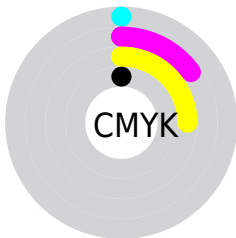
Distribution



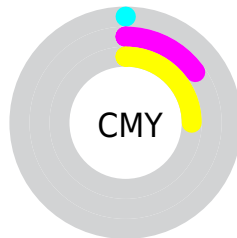
- Red (100%)
- Green (85%)
- Blue (75%)



- Red (100%)
- Yellow (92%)
- Blue (75%)



- Cyan (0%)
- Magenta (15%)
- Yellow (25%)
- Black (0%)




- Cyan (0%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.4568, 74.6473, 59.7216 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 75.4568, 74.6473, 59.7216 by changing the saturation by 10% instead.


 75.4568, 74.6473,
59.7216

 75.4568, 74.6473,
59.7216


468.4592,
476.7044, 441.3470

 56.2827, 55.3240,
42.7704


 125.9432,
125.8130, 105.9651

 40.6675, 39.6612,
29.3750


157.9863,
158.4241, 136.0946

 28.2459, 27.2745,
19.1167


195.0496,
196.2334, 171.4539

 18.6525, 17.7795,
11.5769

237.4987,
239.6251, 212.4616

 11.5220, 10.7918,
6.3373

285.6989,
288.9836, 259.5362

 6.4889, 5.9270,
2.9791

340.0154,

 3.1881, 2.8007,

344.6934, 313.0962

1.0840

400.8137,
407.1389, 373.5603

■ 1.2540, 1.0286,
0.0000

■ 0.1484, 0.0000,
0.0000

■ 75.4568, 74.6473,
59.7216

■ 75.4568, 74.6473,
59.7216

■ 69.1668, 66.1740,
44.9646

■ 82.5971, 84.0387,
77.1741

■ 63.6867, 58.5794,
32.7619

■ 90.6148, 94.3659,
97.4443

■ 58.9807, 51.8359,
22.9664

95.0500, 100.0000,
108.9000

■ 55.0078, 45.9103,
15.4139

■ 51.7225, 40.7670,
9.9192

■ 49.0732, 36.3665,
6.2669

■ 46.9979, 32.6647,
4.1920

■ 46.1516, 31.0833,
3.5672

Harmonies

Analogous

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



79.2320, 74.6473, 67.8056



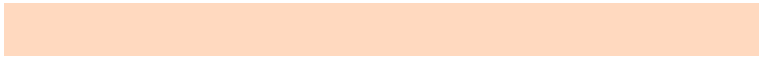
75.4568, 74.6473, 59.7216



70.6177, 74.6473, 57.2072

Triad

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



75.4568, 74.6473, 59.7216



61.9538, 74.6473, 82.2353



76.0591, 74.6473, 106.3385

Complementary

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



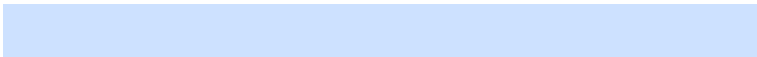
75.4568, 74.6473, 59.7216



67.5543, 74.3327, 105.3949

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.



71.2834, 74.6473, 111.3009



75.4568, 74.6473, 59.7216



63.2662, 74.6473, 96.4268

Square

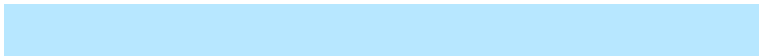
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.4568, 74.6473, 59.7216



62.9584, 74.6473, 69.2794



66.6264, 74.6473, 107.4829



79.5909, 74.6473, 94.5882

Rectangle

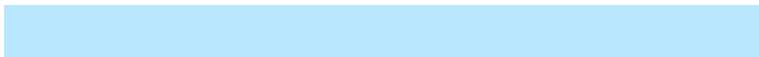
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.4568, 74.6473, 59.7216



67.4785, 74.6473, 58.7645



66.6264, 74.6473, 107.4829



74.5386, 74.6473, 108.9129

Sweetspot

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



75.4587, 74.6507, 59.7231



88.1951, 91.2699, 91.2631



74.0701, 64.2019, 82.9107



18.6153, 19.1989, 18.8689



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.



75.4587, 74.6507, 59.7231



72.2703, 70.3827, 52.1593



84.3964, 92.5261, 62.7024



18.6153, 19.1989, 18.8689



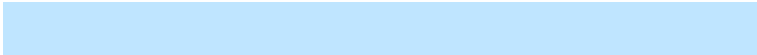
24.2527, 16.5166, 1.9098



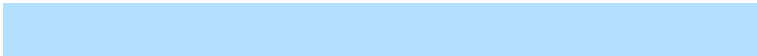
2.4654, 1.8162, 0.2206

Inverse Universe

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



67.5543, 74.3327, 105.3949



63.1580, 70.0101, 104.7923



59.5939, 58.4117, 102.7414



17.8996, 19.1709, 23.0069



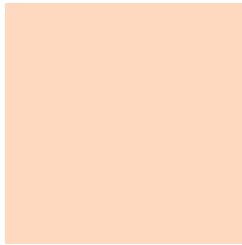
15.3969, 15.7034, 51.6541



1.6065, 1.7437, 5.0652

Previews

White Background



This preview shows how the XYZ color 75.4568, 74.6473, 59.7216 looks on a white background.

Color Contrast Check

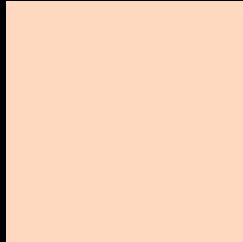
Large Text (above 18pt) WCAG AA × Fail

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 75.4568, 74.6473, 59.7216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

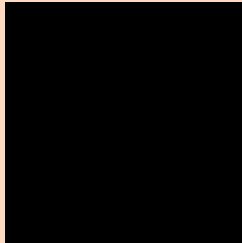
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.4568, 74.6473, 59.7216

Background



This preview shows how black text looks on a background with the XYZ color 75.4568, 74.6473, 59.7216.



This preview shows how white text looks on a background with the XYZ color 75.4568, 74.6473,

59.7216.

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

75.4568, 74.6473, 59.7216

Protanopia

70.6542, 74.8685, 61.7661

Deuteranopia

75.9032, 74.8258, 62.0721



Tritanopia

79.0378, 74.4499, 83.6033

Trichromacy



Original Color

75.4568, 74.6473, 59.7216

Protanomaly

72.1000, 74.4404, 61.0204

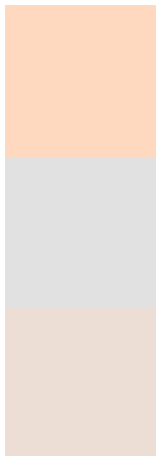
Deuteranomaly

75.7905, 74.7808, 61.4785

Tritanomaly

77.5523, 74.2594, 74.5360

Monochromacy



Original Color

75.4568, 74.6473, 59.7216

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.7236, 74.8795, 73.5710

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4568, 74.6473, 59.7216 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, 217, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 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, 217, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 191) }
```

Border

The CSS property to change the border of an element to XYZ 75.4568, 74.6473, 59.7216 is called "border". The border property can be set on classes, ids or directly on the HTML element.

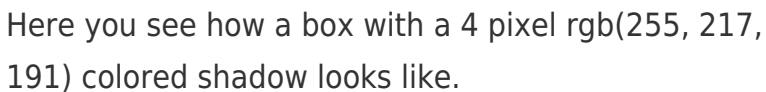
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 217, 191) }
```


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

```
.border{ border-color:rgb(255, 217, 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, 217, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4568, 74.6473, 59.7216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 191) }
```

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

```
.background{ background-color: rgb(255,  
217, 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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