

Converting Colors

XYZ(86.8253, 80.5441, 59.5998)

Have a look what the booklet for
XYZ(86.8253, 80.5441, 59.5998)
contains.

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Color

**XYZ(75.3471, 74.6034,
59.1439)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD9BE
RGB	255, 217, 190
RGB Percent	100%, 85%, 75%
CMY	0.0000, 0.1490, 0.2549
CMYK	0.00, 0.15, 0.25, 0.00
HSL	25°, 100%, 87%
HSV	25°, 25%, 100%
XYZ	75.3471, 74.6034, 59.1439
YIQ	225.2840, 31.3150, -0.3410

Conversions

Conversions Part 2

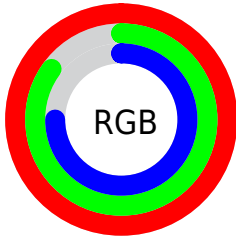
Format	Color
R_{YB}	255, 236, 190
Decimal	16767422
CIE _{Lab}	89.21, 9.27, 18.21
CIE _{LCh}	89, 20.431, 63.012
Yxy	74.6034, 0.3603, 0.3568
Android (android.graphics.Color)	4294957502 (0xFFFFD9BE)
YUV	225.2840, -17.3950, 26.0609
Hunter-Lab	86.3733, 4.5600, 19.8626

Details

The XYZ color **75.3471, 74.6034, 59.1439** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.0278, 73.6517, 105.2912**, and the grayscale version is **71.8794, 75.6227, 82.3531**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **40.7244, 39.6526, 29.1742** is the 20% darker color. If you saturate the color by 10%, you get **69.1304, 66.2468, 44.5034**, and if you desaturate by 10%, it is **82.4022, 83.8558, 76.4713**.

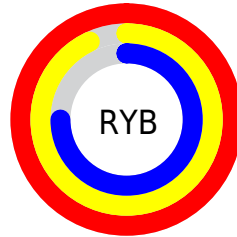
Distribution



Red (100%)

Green (85%)

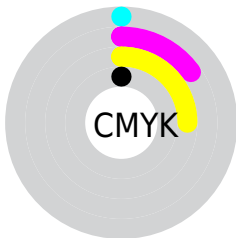
Blue (75%)



Red (100%)

Yellow (93%)

Blue (75%)

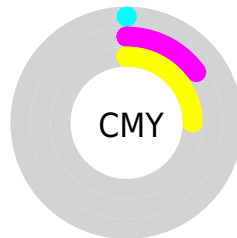


Cyan (0%)

Magenta (15%)

Yellow (25%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.3471, 74.6034, 59.1439 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 75.3471, 74.6034, 59.1439 by changing the saturation by 10% instead.


 75.3471, 74.6034,
59.1439

 75.3471, 74.6034,
59.1439


468.0886,
476.5533, 439.1517

 56.1925, 55.2880,
42.3082


 125.7889,
125.7508, 105.1180

 40.5949, 39.6324,
29.0153


157.8067,
158.3516, 135.0934

 28.1889, 27.2520,
18.8467


194.8430,
196.1497, 170.2858

 18.6093, 17.7626,
11.3839

237.2631,
239.5295, 211.1138

 11.4906, 10.7797,
6.2083

285.4323,
288.8754, 257.9958

 6.4676, 5.9189,
2.9013

339.7161,

 3.1748, 2.7958,

344.5717, 311.3504

1.0445

400.4797,
407.0029, 371.5962

■ 1.2468, 1.0261,
0.0000

■ 0.1429, 0.0000,
0.0000

■ 75.3471, 74.6034,
59.1439

■ 75.3471, 74.6034,
59.1439

■ 69.1304, 66.2468,
44.5034

■ 82.4022, 83.8558,
76.4713

■ 63.7121, 58.7476,
32.4082

■ 90.3224, 94.0210,
96.6078

■ 59.0566, 52.0789,
22.7109

95.0500, 100.0000,
108.9000

■ 55.1235, 46.2086,
15.2467

■ 51.8676, 41.1019,
9.8297

■ 49.2375, 36.7206,
6.2431

■ 47.1714, 33.0214,
4.2196

■ 46.3882, 31.5565,
3.6461

Harmonies

Analogous

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



79.2526, 74.6034, 67.1749



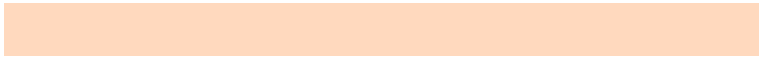
75.3471, 74.6034, 59.1439



70.4058, 74.6034, 56.7875

Triad

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



75.3471, 74.6034, 59.1439



61.7615, 74.6034, 82.6814



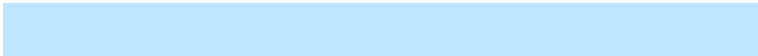
76.2592, 74.6034, 106.4897

Complementary

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



75.3471, 74.6034, 59.1439



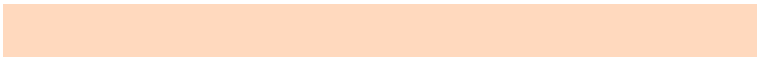
67.0278, 73.6517, 105.2912

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.



71.4132, 74.6034, 111.8396



75.3471, 74.6034, 59.1439



63.1713, 74.6034, 97.1213

Square

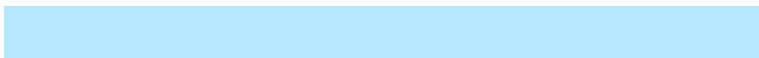
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.3471, 74.6034, 59.1439



62.7061, 74.6034, 69.4002



66.6473, 74.6034, 108.2269



79.7963, 74.6034, 94.3339

Rectangle

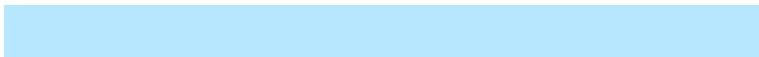
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.3471, 74.6034, 59.1439



67.2271, 74.6034, 58.4950



66.6473, 74.6034, 108.2269



74.7214, 74.6034, 109.2042

Sweetspot

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



75.3489, 74.6067, 59.1454



88.2508, 91.3814, 91.2817



73.7968, 63.7449, 82.5437



18.6293, 19.2269, 18.8736



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.



75.3489, 74.6067, 59.1454



71.8211, 69.8918, 50.7534



84.2558, 92.4206, 62.1144



18.6293, 19.2269, 18.8736



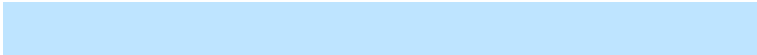
24.3779, 16.7670, 1.9515



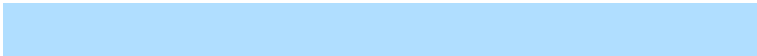
2.4784, 1.8421, 0.2249

Inverse Universe

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



67.0278, 73.6517, 105.2912



62.1063, 68.7705, 104.6084



59.1389, 57.8739, 102.6616



17.8853, 19.1422, 23.0021



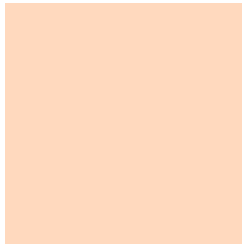
15.2028, 15.3151, 51.5894



1.5881, 1.7070, 5.0590

Previews

White Background



This preview shows how the XYZ color 75.3471, 74.6034, 59.1439 looks on a white background.

Color Contrast Check

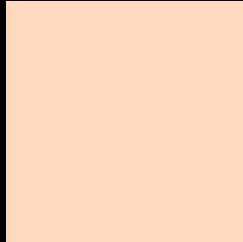
Large Text (above 18pt) WCAG AA × Fail

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 75.3471, 74.6034, 59.1439 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 75.3471, 74.6034, 59.1439

Background



This preview shows how black text looks on a background with the XYZ color 75.3471, 74.6034, 59.1439.



This preview shows how white text looks on a background with the XYZ color 75.3471, 74.6034,

59.1439.

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

75.3471, 74.6034, 59.1439

Protanopia

70.5422, 74.8237, 61.1765

Deuteranopia

75.7905, 74.7808, 61.4785



Tritanopia

79.0378, 74.4499, 83.6033

Trichromacy



Original Color

75.3471, 74.6034, 59.1439

Protanomaly

71.9888, 74.3959, 60.4348

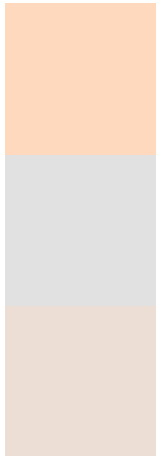
Deuteranomaly

75.6785, 74.7360, 60.8889

Tritanomaly

77.4242, 74.2082, 73.8612

Monochromacy



Original Color

75.3471, 74.6034, 59.1439

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.5970, 74.8289, 72.9045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3471, 74.6034, 59.1439 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, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 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(255, 217, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 190) }
```

Border

The CSS property to change the border of an element to XYZ 75.3471, 74.6034, 59.1439 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, 190) }
```


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

```
.border{ border-color:rgb(255, 217, 190) }
```

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, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3471, 74.6034, 59.1439 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, 190) }
```

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

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