

Converting Colors

XYZ(126.2872, 100.0000,
61.7002)

Have a look what the booklet for
XYZ(126.2872, 100.0000, 61.7002)
contains.

XYZ(74.9444, 73.6225, 59.5508)	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(74.9444, 73.6225,
59.5508)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD7BF
RGB	255, 215, 191
RGB Percent	100%, 84%, 75%
CMY	0.0000, 0.1568, 0.2510
CMYK	0.00, 0.16, 0.25, 0.00
HSL	23°, 100%, 87%
HSV	23°, 25%, 100%
XYZ	74.9444, 73.6225, 59.5508
YIQ	224.2240, 31.5440, 1.0160

Conversions

Conversions Part 2

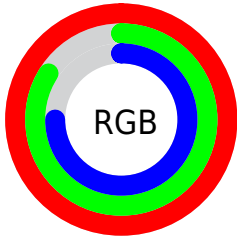
Format	Color
R _Y B	255, 229, 191
Decimal	16766911
CIE Lab	88.74, 10.44, 17.03
CIE LCh	89, 19.980, 58.492
Yxy	73.6225, 0.3601, 0.3538
Android (android.graphics.Color)	4294956991 (0xFFFFD7BF)
YUV	224.2240, -16.3794, 26.9906
Hunter-Lab	85.8036, 5.7531, 18.9131

Details

The XYZ color **74.9444, 73.6225, 59.5508** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.1109, 75.4458, 105.5804**, and the grayscale version is **71.1110, 74.8143, 81.4727**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **40.4470, 38.9824, 29.4373** is the 20% darker color. If you saturate the color by 10%, you get **68.5171, 64.8745, 44.7480**, and if you desaturate by 10%, it is **82.2593, 83.3631, 77.0615**.

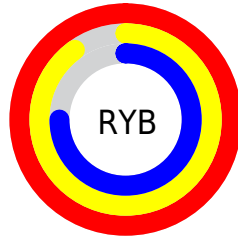
Distribution



Red (100%)

Green (84%)

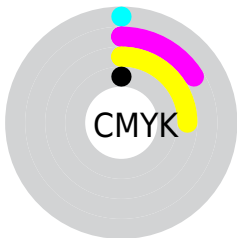
Blue (75%)



Red (100%)

Yellow (90%)

Blue (75%)

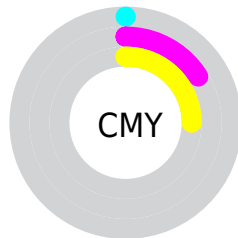


Cyan (0%)

Magenta (16%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.9444, 73.6225, 59.5508 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 74.9444, 73.6225, 59.5508 by changing the saturation by 10% instead.


 74.9444, 73.6225,
59.5508

 74.9444, 73.6225,
59.5508


466.7266,
473.1695, 440.6986

 55.8614, 54.4851,
42.6337


 125.2220,
124.3605, 105.7148

 40.3283, 38.9896,
29.2686


157.1472,
156.7300, 135.7987

 27.9800, 26.7517,
19.0368


194.0839,
194.2789, 171.1088

 18.4510, 17.3868,
11.5198

236.3974,
237.3917, 212.0634

 11.3759, 10.5107,
6.2990

284.4531,
286.4527, 259.0811

 6.3894, 5.7388,
2.9560

338.6163,

 3.1262, 2.6869,

341.8465, 312.5806

1.0722

399.2523,
403.9572, 372.9802

■ 1.2208, 0.9706,
0.0000

■ 0.1227, 0.0000,
0.0000

■ 74.9444, 73.6225,
59.5508

■ 74.9444, 73.6225,
59.5508

■ 68.5171, 64.8745,
44.7480

■ 82.2593, 83.3631,
77.0615

■ 62.9352, 57.0765,
32.5114

■ 90.4905, 94.1173,
97.4029

■ 58.1613, 50.1972,
22.6933

95.0500, 100.0000,
108.9000

■ 54.1525, 44.1999,
15.1289

■ 50.8613, 39.0446,
9.6321

■ 48.2337, 34.6876,
5.9871

■ 46.2055, 31.0798,
3.9278

■ 45.3907, 29.5613,
3.3136

Harmonies

Analogous

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



78.4627, 73.6225, 68.1281



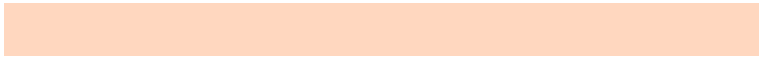
74.9444, 73.6225, 59.5508



70.2207, 73.6225, 56.3981

Triad

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



74.9444, 73.6225, 59.5508



61.0937, 73.6225, 79.4642



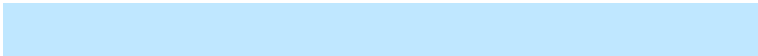
74.5020, 73.6225, 105.8941

Complementary

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



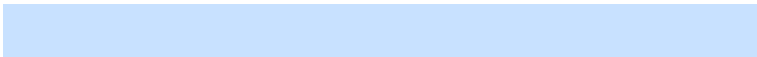
74.9444, 73.6225, 59.5508



68.1109, 75.4458, 105.5804

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.



69.7318, 73.6225, 109.8099



74.9444, 73.6225, 59.5508



62.1244, 73.6225, 93.5364

Square

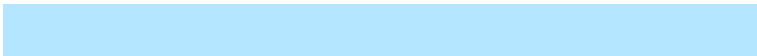
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.9444, 73.6225, 59.5508



62.3505, 73.6225, 67.0458



65.2321, 73.6225, 105.0533



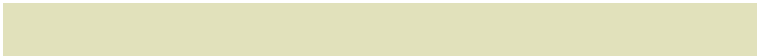
78.1992, 73.6225, 94.8870

Rectangle

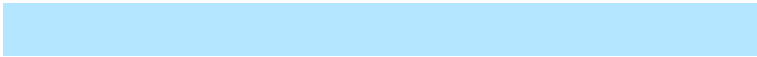
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.9444, 73.6225, 59.5508



67.0705, 73.6225, 57.4844



65.2321, 73.6225, 105.0533



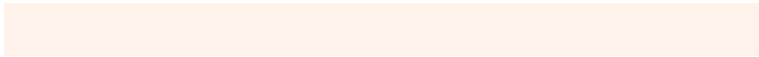
72.9642, 73.6225, 108.1354

Sweetspot

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



74.9462, 73.6258, 59.5523



88.0048, 90.8893, 91.1996



74.3705, 64.3221, 84.4930



18.5676, 19.1033, 18.8530



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.



74.9462, 73.6258, 59.5523



71.6860, 69.2141, 51.9646



83.7421, 91.2176, 62.4843



18.5676, 19.1033, 18.8530



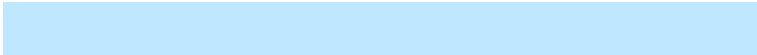
23.8490, 15.7093, 1.7752



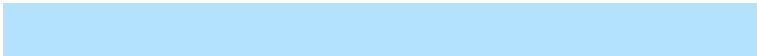
2.4229, 1.7313, 0.2065

Inverse Universe

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



68.1109, 75.4458, 105.5804



63.8047, 71.3036, 105.0078



60.0830, 59.3900, 102.9044



17.9488, 19.2693, 23.0233



16.0898, 17.0893, 51.8851



1.6717, 1.8740, 5.0869

Previews

White Background



This preview shows how the XYZ color 74.9444, 73.6225, 59.5508 looks on a white background.

Color Contrast Check

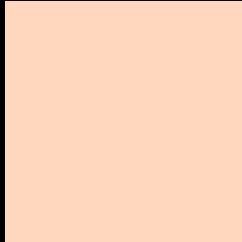
Large Text (above 18pt) WCAG AA × Fail

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 74.9444, 73.6225, 59.5508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

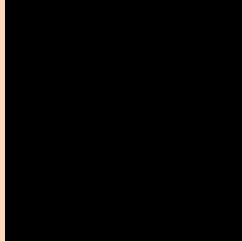
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.9444, 73.6225, 59.5508

Background



This preview shows how black text looks on a background with the XYZ color 74.9444, 73.6225, 59.5508.



This preview shows how white text looks on a background with the XYZ color 74.9444, 73.6225,

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

74.9444, 73.6225, 59.5508

Protanopia

69.9033, 73.6751, 62.1662

Deuteranopia

75.0549, 73.6666, 60.1324



Tritanopia

78.5110, 73.8380, 82.0657

Trichromacy



Original Color

74.9444, 73.6225, 59.5508

Protanomaly

71.6871, 73.4353, 61.4351

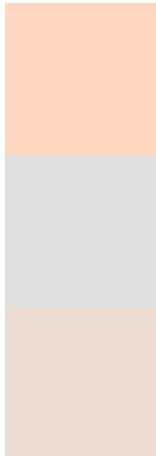
Deuteranomaly

75.0549, 73.6666, 60.1324

Tritanomaly

77.0445, 73.6526, 73.1065

Monochromacy



Original Color

74.9444, 73.6225, 59.5508

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.0011, 74.1285, 72.8007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9444, 73.6225, 59.5508 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, 215, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 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, 215, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 191) }
```

Border

The CSS property to change the border of an element to XYZ 74.9444, 73.6225, 59.5508 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, 215, 191) }
```


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

```
.border{ border-color:rgb(255, 215, 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, 215, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9444, 73.6225, 59.5508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 191) }
```

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

```
.background{ background-color: rgb(255,  
215, 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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