

Converting Colors

XYZ(74.6937, 75.5155, 63.1459)

Have a look what the booklet for
XYZ(74.6937, 75.5155, 63.1459)
contains.

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Color

**XYZ(74.6239, 75.3117,
62.8281)**

Conversions

Conversions Part 1

Format	Color
Hex	F9DCC4
RGB	249, 220, 196
RGB Percent	98%, 86%, 77%
CMY	0.0235, 0.1372, 0.2314
CMYK	0.00, 0.12, 0.21, 0.02
HSL	27°, 82%, 87%
HSV	27°, 21%, 98%
XYZ	74.6239, 75.3117, 62.8281
YIQ	225.9350, 24.9880, -1.3160

Conversions

Conversions Part 2

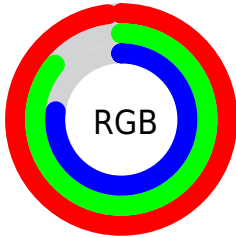
Format	Color
R _Y B	249, 240, 196
Decimal	16374980
CIE Lab	89.54, 6.36, 15.46
CIE LCh	90, 16.714, 67.650
Yxy	75.3117, 0.3507, 0.3540
Android (android.graphics.Color)	4294565060 (0xFFF9DCC4)
YUV	225.9350, -14.7580, 20.2280
Hunter-Lab	86.7823, 1.6227, 17.8232

Details

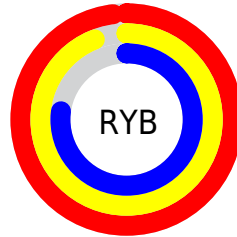
The XYZ color **74.6239, 75.3117, 62.8281** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.7885, 72.4238, 100.0819**, and the grayscale version is **72.3341, 76.1011, 82.8741**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **40.0758, 40.0697, 31.2132** is the 20% darker color. If you saturate the color by 10%, you get **68.5913, 67.4118, 47.9756**, and if you desaturate by 10%, it is **81.4223, 83.9893, 80.2582**.

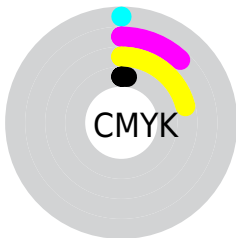
Distribution



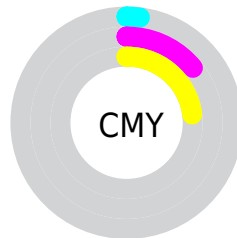
- Red (98%)
- Green (86%)
- Blue (77%)



- Red (98%)
- Yellow (94%)
- Blue (77%)



- Cyan (0%)
- Magenta (12%)
- Yellow (21%)
- Black (2%)





- Cyan (2%)
- Magenta (14%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.6239, 75.3117, 62.8281 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 74.6239, 75.3117, 62.8281 by changing the saturation by 10% instead.


 74.6239, 75.3117,
62.8281

 74.6239, 75.3117,
62.8281


465.6410,
478.9882, 453.0361

 55.5979, 55.8683,
45.2621


124.7706,
126.7535, 110.5047

 40.1164, 40.0973,
31.3194


156.6220,
159.5207, 141.4522

 27.8139, 27.6144,
20.5817


193.4793,
197.4979, 177.6974

 18.3252, 18.0352,
12.6303

235.7078,
241.0695, 219.6587

 11.2848, 10.9753,
7.0468

283.6728,
290.6199, 267.7547

 6.3274, 6.0502,
3.4125

337.7398,

 3.0877, 2.8756,

346.5336, 322.4039

1.3089

398.2741,
409.1949, 384.0249

■ 1.2003, 1.0672,
0.0691

■ 0.1066, 0.0000,
0.0000

■ 74.6239, 75.3117,
62.8281

■ 74.6239, 75.3117,
62.8281

■ 68.5913, 67.4118,
47.9756

■ 81.4223, 83.9893,
80.2582

■ 63.2885, 60.2562,
35.5714

■ 89.0086, 93.4563,
100.3770

■ 58.6849, 53.8240,
25.4823

■ 92.8771, 98.8798,
108.7983

■ 54.7456, 48.0892,
17.5603

■ 51.4319, 43.0238,
11.6397

■ 48.6999, 38.5974,
7.5306

■ 46.4986, 34.7757,
5.0057

■ 44.9476, 31.9008,
3.7885

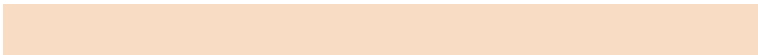
Harmonies

Analogous

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



78.0119, 75.3117, 68.9591



74.6239, 75.3117, 62.8281



70.5364, 75.3117, 61.5835

Triad

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



74.6239, 75.3117, 62.8281



64.0431, 75.3117, 85.0465



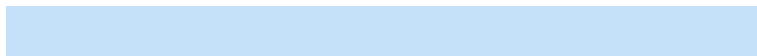
76.5099, 75.3117, 101.2250

Complementary

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



74.6239, 75.3117, 62.8281



66.7885, 72.4238, 100.0819

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.



72.6369, 75.3117, 106.4973



74.6239, 75.3117, 62.8281



65.5146, 75.3117, 96.5930

Square

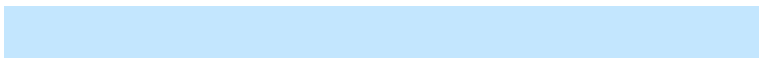
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.6239, 75.3117, 62.8281



64.5295, 75.3117, 73.7057



68.6230, 75.3117, 104.7259



79.1295, 75.3117, 90.8978

Rectangle

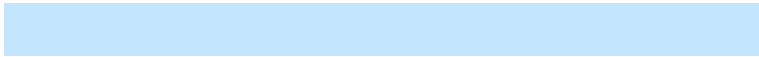
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.6239, 75.3117, 62.8281



67.9821, 75.3117, 63.5703



68.6230, 75.3117, 104.7259



75.3057, 75.3117, 103.6900

Sweetspot

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



74.6259, 75.3151, 62.8297



90.0713, 93.8288, 95.5681



72.4186, 65.0650, 80.0841



19.1669, 19.9434, 20.1585



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

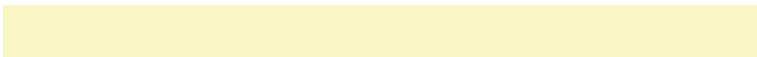
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.6259, 75.3151, 62.8297



75.6537, 75.4429, 58.5481



82.0935, 90.2503, 65.3189



17.8921, 18.5200, 18.0941



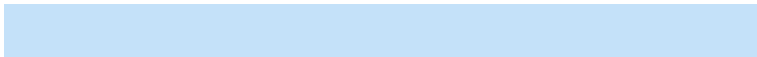
24.1973, 17.3513, 2.0738



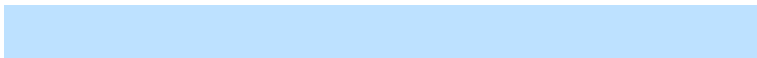
2.3454, 1.8157, 0.2268

Inverse Universe

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



66.7885, 72.4238, 100.0819



65.8793, 71.8352, 105.0011



60.2077, 59.2623, 97.8883



17.0701, 18.2170, 22.0018



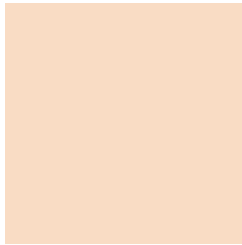
14.0262, 13.4080, 49.8223



1.4050, 1.4537, 4.6497

Previews

White Background



This preview shows how the XYZ color 74.6239, 75.3117, 62.8281 looks on a white background.

Color Contrast Check

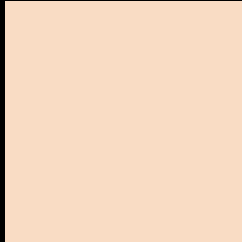
Large Text (above 18pt) WCAG AA × Fail

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 74.6239, 75.3117, 62.8281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

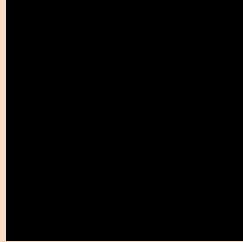
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.6239, 75.3117, 62.8281

Background



This preview shows how black text looks on a background with the XYZ color 74.6239, 75.3117, 62.8281.



This preview shows how white text looks on a background with the XYZ color 74.6239, 75.3117,

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

74.6239, 75.3117, 62.8281

Protanopia

71.3792, 75.5898, 64.2543

Deuteranopia

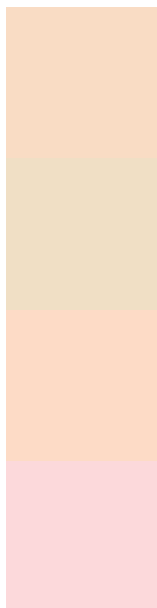
76.6202, 75.5263, 64.5725



Tritanopia

79.3739, 75.3097, 86.6967

Trichromacy



Original Color

74.6239, 75.3117, 62.8281

Protanomaly

72.4009, 75.3318, 63.5479

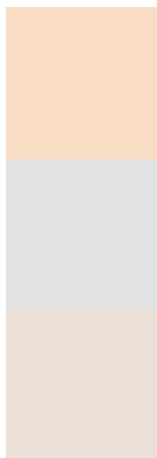
Deuteranomaly

76.0326, 75.6229, 64.0154

Tritanomaly

77.7439, 75.4356, 77.4808

Monochromacy



Original Color

74.6239, 75.3117, 62.8281

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.8531, 75.7100, 75.0637

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6239, 75.3117, 62.8281 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(249, 220, 196)  
}
```

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, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 220, 196) }
```

Border

The CSS property to change the border of an element to XYZ 74.6239, 75.3117, 62.8281 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, 196) }
```


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

```
.border{ border-color:rgb(249, 220, 196) }
```

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, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 220, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 220, 196);  
box-shadow:4px 4px 4px 4px rgb(249, 220,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6239, 75.3117, 62.8281 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, 196) }
```

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

```
.background{ background-color: rgb(249,  
220, 196) }
```

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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