

Converting Colors

XYZ(75.7772, 74.3281, 62.7875)

Have a look what the booklet for
XYZ(75.7772, 74.3281, 62.7875)
contains.

XYZ(75.7597, 74.3573, 62.5840)	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(75.7597, 74.3573,
62.5840)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD8C4
RGB	255, 216, 196
RGB Percent	100%, 85%, 77%
CMY	0.0000, 0.1529, 0.2314
CMYK	0.00, 0.15, 0.23, 0.00
HSL	20°, 100%, 88%
HSV	20°, 23%, 100%
XYZ	75.7597, 74.3573, 62.5840
YIQ	225.3810, 29.6640, 2.0480

Conversions

Conversions Part 2

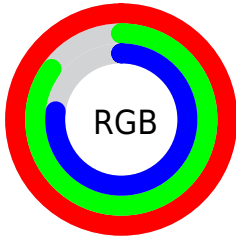
Format	Color
R _Y B	255, 226, 196
Decimal	16767172
CIE Lab	89.09, 10.61, 14.90
CIE LCh	89, 18.296, 54.540
Yxy	74.3573, 0.3562, 0.3496
Android (android.graphics.Color)	4294957252 (0xFFFFD8C4)
YUV	225.3810, -14.4848, 25.9759
Hunter-Lab	86.2307, 5.9211, 17.3303

Details

The XYZ color **75.7597, 74.3573, 62.5840** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.5224, 78.3700, 106.0177**, and the grayscale version is **71.9298, 75.6758, 82.4109**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **40.9161, 39.4485, 31.0490** is the 20% darker color. If you saturate the color by 10%, you get **69.0018, 65.0985, 47.2080**, and if you desaturate by 10%, it is **83.4574, 84.7058, 80.7088**.

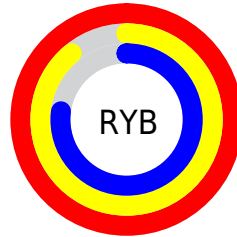
Distribution



Red (100%)

Green (85%)

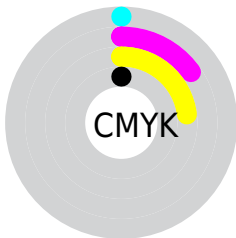
Blue (77%)



Red (100%)

Yellow (89%)

Blue (77%)

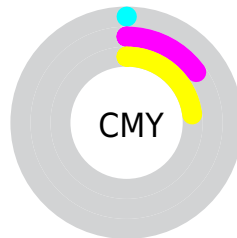


Cyan (0%)

Magenta (15%)

Yellow (23%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.7597, 74.3573, 62.5840 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 75.7597, 74.3573, 62.5840 by changing the saturation by 10% instead.


 75.7597, 74.3573,
62.5840

 75.7597, 74.3573,
62.5840


469.4818,
475.7056, 452.1245

 56.5318, 55.0865,
45.0659


126.3693,
125.4022, 110.1489

 40.8682, 39.4710,
31.1660


158.4818,
157.9451, 141.0328

 28.4033, 27.1263,
20.4658

195.6199,
195.6808, 177.2090

 18.7719, 17.6681,
12.5466

238.1490,
238.9937, 219.0962

 11.6086, 10.7120,
6.9901

286.4343,
288.2683, 267.1128

 6.5481, 5.8735,
3.3775

340.8413,

 3.2249, 2.7683,

343.8889, 321.6773

1.2905

401.7354,
406.2398, 383.2084

■ 1.2738, 1.0120,
0.0540

■ 0.1635, 0.0000,
0.0000

■ 75.7597, 74.3573,
62.5840

■ 75.7597, 74.3573,
62.5840

■ 69.0018, 65.0985,
47.2080

■ 83.4574, 84.7058,
80.7088

■ 63.1402, 56.8829,
34.4404

■ 92.1255, 96.1689,
101.7040

■ 58.1356, 49.6752,
24.1353

95.0500, 100.0000,
108.9000

■ 53.9434, 43.4341,
16.1306

■ 50.5145, 38.1151,
10.2440

■ 47.7936, 33.6695,
6.2655

■ 45.7157, 30.0432,
3.9406

■ 44.6049, 27.9898,
3.0516

Harmonies

Analogous

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



78.7541, 74.3573, 71.1976



75.7597, 74.3573, 62.5840



71.4923, 74.3573, 58.9202

Triad

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



75.7597, 74.3573, 62.5840



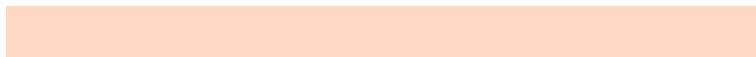
62.4879, 74.3573, 78.6512



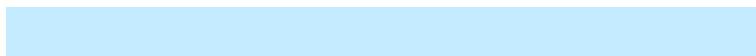
74.2911, 74.3573, 105.3844

Complementary

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



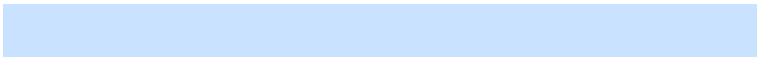
75.7597, 74.3573, 62.5840



70.5224, 78.3700, 106.0177

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.



69.8627, 74.3573, 107.9127



75.7597, 74.3573, 62.5840



63.1671, 74.3573, 91.5817

Square

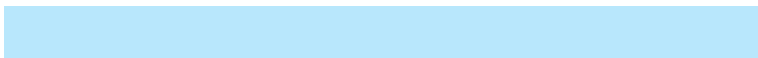
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.7597, 74.3573, 62.5840



63.9262, 74.3573, 67.5517



65.8219, 74.3573, 102.6269



77.8815, 74.3573, 96.0402

Rectangle

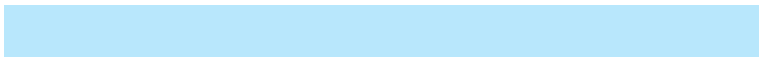
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.7597, 74.3573, 62.5840



68.5462, 74.3573, 59.4674



65.8219, 74.3573, 102.6269



72.8462, 74.3573, 107.0982

Sweetspot

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



75.7615, 74.3606, 62.5855



88.6592, 91.6056, 93.2445



76.0240, 66.7581, 87.7291



18.8637, 19.4581, 19.6838



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.



75.7615, 74.3606, 62.5855



72.3594, 69.7230, 54.7720



83.9069, 90.6515, 65.3007



18.5127, 18.9936, 18.8347



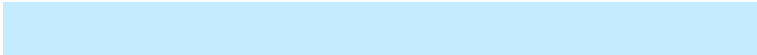
23.4303, 14.8719, 1.6357



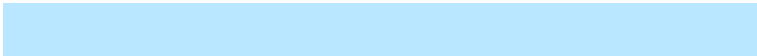
2.3778, 1.6409, 0.1914

Inverse Universe

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



70.5224, 78.3700, 106.0177



66.2387, 74.3955, 105.4764



62.8469, 63.0191, 103.4593



18.0058, 19.3831, 23.0423



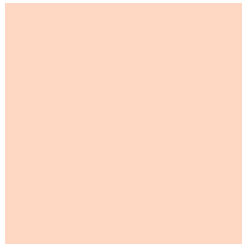
16.9439, 18.7975, 52.1698



1.7510, 2.0328, 5.1133

Previews

White Background



This preview shows how the XYZ color 75.7597, 74.3573, 62.5840 looks on a white background.

Color Contrast Check

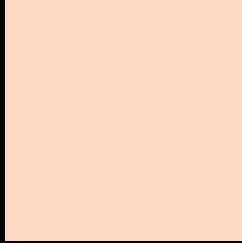
Large Text (above 18pt) WCAG AA × Fail

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 75.7597, 74.3573, 62.5840 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 75.7597, 74.3573, 62.5840

Background



This preview shows how black text looks on a background with the XYZ color 75.7597, 74.3573, 62.5840.



This preview shows how white text looks on a background with the XYZ color 75.7597, 74.3573,

62.5840.

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

75.7597, 74.3573, 62.5840

Protanopia

70.7447, 74.4379, 65.2829

Deuteranopia

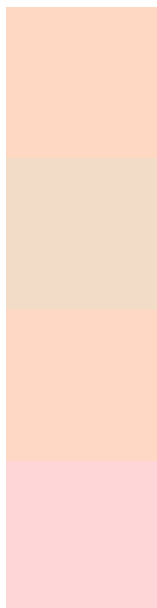
75.8739, 74.4030, 63.1855



Tritanopia

78.8994, 74.3946, 82.8742

Trichromacy



Original Color

75.7597, 74.3573, 62.5840

Protanomaly

72.5200, 74.1872, 64.5302

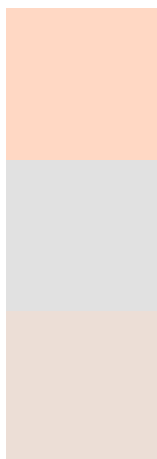
Deuteranomaly

75.8739, 74.4030, 63.1855

Tritanomaly

77.6812, 74.3110, 75.2150

Monochromacy



Original Color

75.7597, 74.3573, 62.5840

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.8509, 74.9305, 74.2417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7597, 74.3573, 62.5840 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, 216, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 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(255, 216, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 196) }
```

Border

The CSS property to change the border of an element to XYZ 75.7597, 74.3573, 62.5840 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, 216, 196) }
```


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

```
.border{ border-color:rgb(255, 216, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 216, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7597, 74.3573, 62.5840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 196) }
```

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

```
.background{ background-color: rgb(255,  
216, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor