

Converting Colors

XYZ(75.6285, 74.0310, 62.7370)

Have a look what the booklet for
XYZ(75.6285, 74.0310, 62.7370)
contains.

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Color

**XYZ(75.5042, 73.8464,
62.4988)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD7C4
RGB	255, 215, 196
RGB Percent	100%, 84%, 77%
CMY	0.0000, 0.1568, 0.2314
CMYK	0.00, 0.16, 0.23, 0.00
HSL	19°, 100%, 88%
HSV	19°, 23%, 100%
XYZ	75.5042, 73.8464, 62.4988
YIQ	224.7940, 29.9390, 2.5710

Conversions

Conversions Part 2

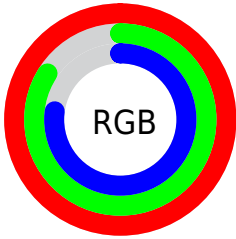
Format	Color
R _Y B	255, 224, 196
Decimal	16766916
CIE Lab	88.85, 11.13, 14.56
CIE LCh	89, 18.329, 52.603
Yxy	73.8464, 0.3564, 0.3486
Android (android.graphics.Color)	4294956996 (0xFFFFD7C4)
YUV	224.7940, -14.1954, 26.4907
Hunter-Lab	85.9339, 6.4512, 17.0328

Details

The XYZ color **75.5042, 73.8464, 62.4988** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.8095, 78.9442, 106.1134**, and the grayscale version is **71.5053, 75.2292, 81.9246**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **40.7420, 39.1004, 30.9910** is the 20% darker color. If you saturate the color by 10%, you get **68.6735, 64.4418, 47.0985**, and if you desaturate by 10%, it is **83.2970, 84.3851, 80.6553**.

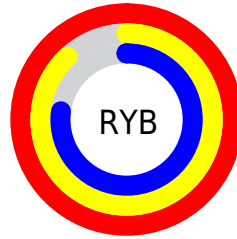
Distribution



Red (100%)

Green (84%)

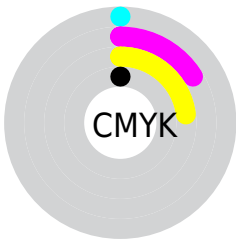
Blue (77%)



Red (100%)

Yellow (88%)

Blue (77%)

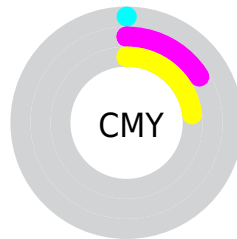


Cyan (0%)

Magenta (16%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.5042, 73.8464, 62.4988 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 75.5042, 73.8464, 62.4988 by changing the saturation by 10% instead.


 75.5042, 73.8464,
62.4988

 75.5042, 73.8464,
62.4988


468.6193,
473.9431, 451.8060

 56.3217, 54.6683,
44.9975

126.0099,
124.6780, 110.0247

 40.6989, 39.1362,
31.1125


158.0638,
157.1004, 140.8863

 28.2705, 26.8657,
20.4253


195.1389,
194.7063, 177.0385

 18.6712, 17.4724,
12.5175

237.6005,
237.8802, 218.8997

 11.5355, 10.5719,
6.9703

285.8140,
287.0064, 266.8885

 6.4982, 5.7797,
3.3654

340.1447,

 3.1938, 2.7116,

342.4694, 321.4235

1.2841

400.9580,
404.6535, 382.9231

■ 1.2571, 0.9831,
0.0487

■ 0.1507, 0.0000,
0.0000

■ 75.5042, 73.8464,
62.4988

■ 75.5042, 73.8464,
62.4988

■ 68.6735, 64.4418,
47.0985

■ 83.2970, 84.3851,
80.6553

■ 62.7601, 56.1227,
34.3136

■ 92.0834, 96.0848,
101.6899

■ 57.7236, 48.8512,
23.9980

95.0500, 100.0000,
108.9000

■ 53.5182, 42.5837,
15.9888

■ 50.0934, 37.2728,
10.1036

■ 47.3923, 32.8669,
6.1318

■ 45.3483, 29.3084,
3.8181

■ 44.2680, 27.3159,
2.9393

Harmonies

Analogous

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



78.3717, 73.8464, 71.3675



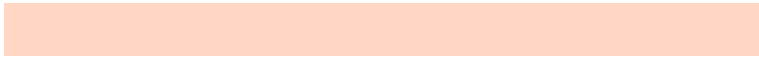
75.5042, 73.8464, 62.4988



71.2940, 73.8464, 58.5089

Triad

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



75.5042, 73.8464, 62.4988



62.0559, 73.8464, 77.2984



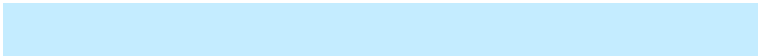
73.5225, 73.8464, 105.1649

Complementary

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



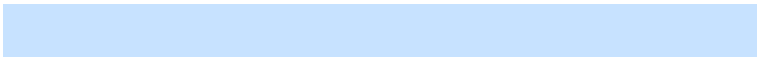
75.5042, 73.8464, 62.4988



70.8095, 78.9442, 106.1134

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.



69.0951, 73.8464, 107.1810



75.5042, 73.8464, 62.4988



62.5963, 73.8464, 90.1775

Square

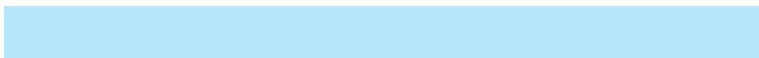
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.5042, 73.8464, 62.4988



63.6205, 73.8464, 66.4480



65.1289, 73.8464, 101.4439



77.1943, 73.8464, 96.1937

Rectangle

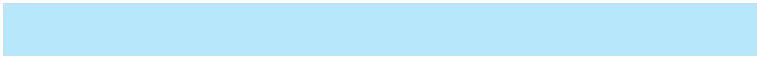
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.5042, 73.8464, 62.4988



68.3418, 73.8464, 58.8215



65.1289, 73.8464, 101.4439



72.0687, 73.8464, 106.7144

Sweetspot

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



75.5060, 73.8497, 62.5003



88.5686, 91.4245, 93.2143



76.1667, 66.8152, 88.4809



18.8427, 19.4162, 19.6768



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.



75.5060, 73.8497, 62.5003



72.0658, 69.1358, 54.6741



83.6100, 90.0575, 65.2016



18.4870, 18.9422, 18.8262



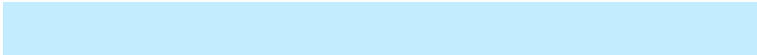
23.2501, 14.5114, 1.5756



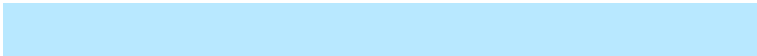
2.3578, 1.6010, 0.1848

Inverse Universe

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



70.8095, 78.9442, 106.1134



66.5782, 75.0745, 105.5895



63.0841, 63.4935, 103.5383



18.0326, 19.4369, 23.0512



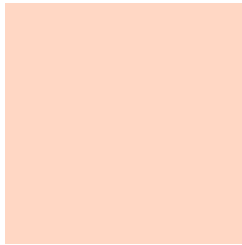
17.3669, 19.6433, 52.3108



1.7900, 2.1107, 5.1263

Previews

White Background



This preview shows how the XYZ color 75.5042, 73.8464, 62.4988 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 75.5042, 73.8464, 62.4988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

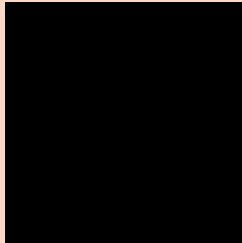
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.5042, 73.8464, 62.4988

Background



This preview shows how black text looks on a background with the XYZ color 75.5042, 73.8464, 62.4988.



This preview shows how white text looks on a background with the XYZ color 75.5042, 73.8464,

62.4988.

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

75.5042, 73.8464, 62.4988

Protanopia

70.4173, 74.2691, 65.2676

Deuteranopia

75.5042, 73.8464, 62.4988



Tritanopia

78.5110, 73.8380, 82.0657

Trichromacy



Original Color

75.5042, 73.8464, 62.4988

Protanomaly

72.1776, 74.0107, 64.5142

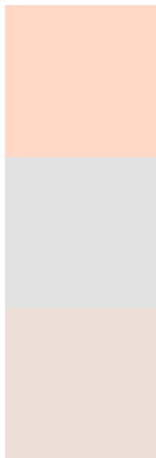
Deuteranomaly

75.5042, 73.8464, 62.4988

Tritanomaly

77.3000, 73.7548, 74.4519

Monochromacy



Original Color

75.5042, 73.8464, 62.4988

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.5861, 74.4008, 74.1534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.5042, 73.8464, 62.4988 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 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, 215, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 196) }
```

Border

The CSS property to change the border of an element to XYZ 75.5042, 73.8464, 62.4988 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, 196) }
```


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

```
.border{ border-color:rgb(255, 215, 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, 215, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 75.5042, 73.8464, 62.4988 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, 196) }
```

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

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