

Converting Colors

XYZ(73.3596, 75.0729, 62.8125)

Have a look what the booklet for
XYZ(73.3596, 75.0729, 62.8125)
contains.

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Color

**XYZ(73.4764, 75.1109,
62.8498)**

Conversions

Conversions Part 1

Format	Color
Hex	F5DDC4
RGB	245, 221, 196
RGB Percent	96%, 87%, 77%
CMY	0.0392, 0.1333, 0.2314
CMYK	0.00, 0.10, 0.20, 0.04
HSL	31°, 71%, 86%
HSV	31°, 20%, 96%
XYZ	73.4764, 75.1109, 62.8498
YIQ	225.3260, 22.3290, -2.6870

Conversions

Conversions Part 2

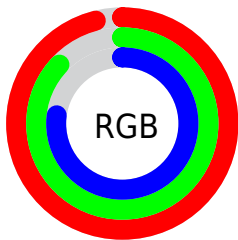
Format	Color
R _Y B	243, 245, 196
Decimal	16113092
CIE Lab	89.44, 4.38, 15.28
CIE LCh	89, 15.894, 73.989
Yxy	75.1109, 0.3475, 0.3552
Android (android.graphics.Color)	4294303172 (0xFFF5DDC4)
YUV	225.3260, -14.4577, 17.2541
Hunter-Lab	86.6665, -0.3331, 17.6700

Details

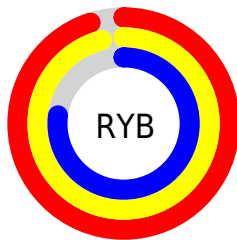
The XYZ color **73.4764, 75.1109, 62.8498** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.8391, 69.5130, 96.3865**, and the grayscale version is **71.8938, 75.6378, 82.3696**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **39.2577, 39.9168, 31.2268** is the 20% darker color. If you saturate the color by 10%, you get **67.8575, 67.9771, 48.3237**, and if you desaturate by 10%, it is **79.7811, 82.8864, 79.8529**.

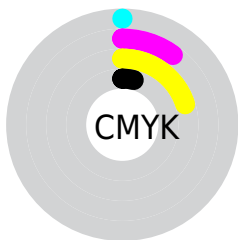
Distribution



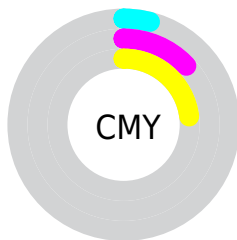
- Red (96%)
- Green (87%)
- Blue (77%)



- Red (95%)
- Yellow (96%)
- Blue (77%)



- Cyan (0%)
- Magenta (10%)
- Yellow (20%)
- Black (4%)





- Cyan (4%)
- Magenta (13%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.4764, 75.1109, 62.8498 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 73.4764, 75.1109, 62.8498 by changing the saturation by 10% instead.


 73.4764, 75.1109,
62.8498

 73.4764, 75.1109,
62.8498


461.7425,
478.2987, 453.1171

 54.6554, 55.7037,
45.2795

123.1528,
126.4693, 110.5363

 39.3586, 39.9655,
31.3331


154.7388,
159.1894, 141.4895

 27.2208, 27.5116,
20.5920


191.3106,
197.1159, 177.7408

 17.8766, 17.9578,
12.6378

233.2334,
240.6332, 219.7087

 10.9606, 10.9197,
7.0518

280.8727,
290.1258, 267.8118

 6.1074, 6.0129,
3.4156

334.5937,

 2.9518, 2.8529,

345.9779, 322.4685

1.3106

394.7619,
408.5741, 384.0974

■ 1.1283, 1.0554,
0.0704

■ 0.0486, 0.0000,
0.0000

■ 73.4764, 75.1109,
62.8498

■ 73.4764, 75.1109,
62.8498

■ 67.8575, 67.9771,
48.3237

■ 79.7811, 82.8864,
79.8529

■ 62.8917, 61.4567,
36.1520

■ 86.7908, 91.3107,
99.4381

■ 58.5522, 55.5338,
26.2088

■ 91.4663, 98.1526,
108.7323

■ 54.8077, 50.1877,
18.3542

■ 51.6237, 45.3965,
12.4324

■ 48.9615, 41.1358,
8.2654

■ 46.7755, 37.3786,
5.6412

■ 44.9932, 34.0864,
4.2080

■ 44.9932, 34.0862,
4.2079

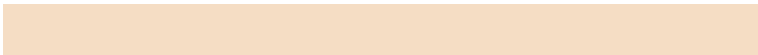
Harmonies

Analogous

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



76.9158, 75.1109, 67.7723



73.4764, 75.1109, 62.8498



69.5955, 75.1109, 62.6856

Triad

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



73.4764, 75.1109, 62.8498



64.3671, 75.1109, 87.0784



76.7196, 75.1109, 98.2062

Complementary

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



73.4764, 75.1109, 62.8498



64.8391, 69.5130, 96.3865

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.



73.2165, 75.1109, 104.4116



73.4764, 75.1109, 62.8498



66.1366, 75.1109, 97.6027

Square

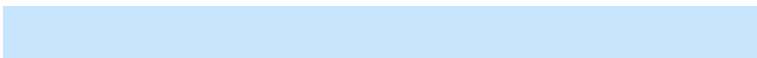
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.4764, 75.1109, 62.8498



64.4310, 75.1109, 76.0083



69.3448, 75.1109, 104.1812



78.8343, 75.1109, 87.8430

Rectangle

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



73.4764, 75.1109, 62.8498



67.2851, 75.1109, 65.2565



69.3448, 75.1109, 104.1812



75.6599, 75.1109, 100.8878

Sweetspot

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



73.4784, 75.1143, 62.8514



90.3399, 94.3659, 95.6576



70.3814, 64.0871, 76.7192



19.2304, 20.0703, 20.1796



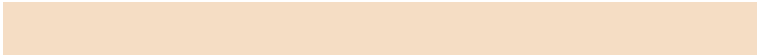
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



73.4784, 75.1143, 62.8514



77.8887, 79.0131, 62.0671



80.2729, 88.7032, 65.1162



17.1983, 17.8807, 17.3424



24.3778, 18.6411, 2.3133



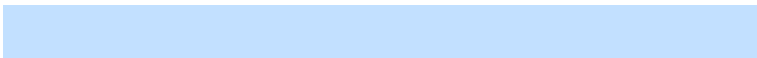
2.2454, 1.8441, 0.2376

Inverse Universe

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



64.8391, 69.5130, 96.3865



66.8405, 71.8502, 104.9534



58.9872, 57.8092, 94.4359



16.2512, 17.2666, 21.0188



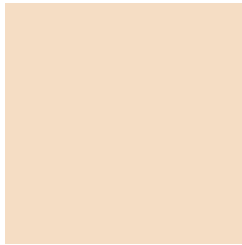
12.6334, 11.0605, 48.0071



1.2129, 1.1772, 4.2535

Previews

White Background



This preview shows how the XYZ color 73.4764, 75.1109, 62.8498 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 73.4764, 75.1109, 62.8498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

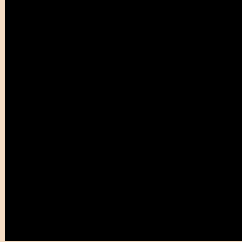
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.4764, 75.1109, 62.8498

Background



This preview shows how black text looks on a background with the XYZ color 73.4764, 75.1109, 62.8498.



This preview shows how white text looks on a background with the XYZ color 73.4764, 75.1109,

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

73.4764, 75.1109, 62.8498

Protanopia

71.1096, 75.0507, 64.1644

Deuteranopia

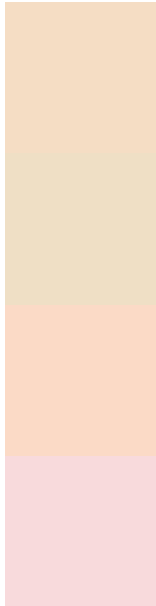
76.3617, 75.0092, 64.4864



Tritanopia

78.6882, 75.3189, 87.4815

Trichromacy



Original Color

73.4764, 75.1109, 62.8498

Protanomaly

72.0623, 75.1573, 63.5320

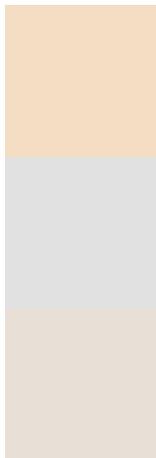
Deuteranomaly

75.0481, 74.7293, 63.8948

Tritanomaly

76.7011, 75.2666, 78.1955

Monochromacy



Original Color

73.4764, 75.1109, 62.8498

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.0720, 75.3222, 74.3584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4764, 75.1109, 62.8498 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(245, 221, 196)` looks like.

```
.text, #text, p{  
    color:rgb(245, 221, 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(245, 221, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 221, 196) }
```

Border

The CSS property to change the border of an element to XYZ 73.4764, 75.1109, 62.8498 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(245, 221, 196) }
```


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

```
.border{ border-color:rgb(245, 221, 196) }
```

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

Here you see how a box with a 4 pixel rgb(245, 221, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 221, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 221, 196);  
box-shadow:4px 4px 4px 4px rgb(245, 221,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4764, 75.1109, 62.8498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 221, 196) }
```

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

```
.background{ background-color: rgb(245,  
221, 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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