

Converting Colors

XYZ(73.4818, 75.9295, 73.7235)

Have a look what the booklet for
XYZ(73.4818, 75.9295, 73.7235)
contains.

XYZ(73.5909, 76.1199, 73.7647)	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(73.5909, 76.1199,
73.7647)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE0D5
RGB	237, 224, 213
RGB Percent	93%, 88%, 84%
CMY	0.0706, 0.1215, 0.1647
CMYK	0.00, 0.05, 0.10, 0.07
HSL	28°, 40%, 88%
HSV	28°, 10%, 93%
XYZ	73.5909, 76.1199, 73.7647
YIQ	226.6330, 11.2790, -0.6650

Conversions

Conversions Part 2

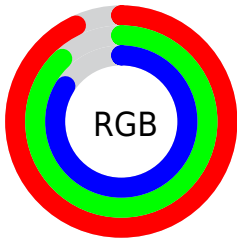
Format	Color
R _Y B	237, 233, 213
Decimal	15589589
CIE Lab	89.91, 2.60, 6.96
CIE LCh	90, 7.426, 69.539
Yxy	76.1199, 0.3293, 0.3406
Android (android.graphics.Color)	4293779669 (0xFFE0D5)
YUV	226.6330, -6.7211, 9.0919
Hunter-Lab	87.2467, -2.1205, 10.9446

Details

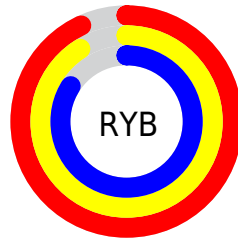
The XYZ color **73.5909, 76.1199, 73.7647** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.9227, 74.6518, 90.8454**, and the grayscale version is **72.7904, 76.5811, 83.3969**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4156, 40.6683, 38.1201** is the 20% darker color. If you saturate the color by 10%, you get **67.4806, 68.3662, 57.9553**, and if you desaturate by 10%, it is **80.4054, 84.5768, 91.9796**.

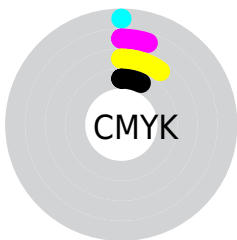
Distribution



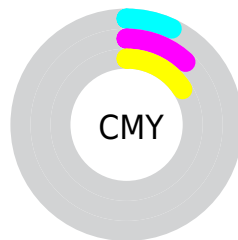
- Red (93%)
- Green (88%)
- Blue (84%)



- Red (93%)
- Yellow (91%)
- Blue (84%)



- Cyan (0%)
- Magenta (5%)
- Yellow (10%)
- Black (7%)



- Cyan (7%)
- Magenta (12%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.5909, 76.1199, 73.7647 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 73.5909, 76.1199, 73.7647 by changing the saturation by 10% instead.

73.5909, 76.1199,
73.7647

73.5909, 76.1199,
73.7647

462.1324,
481.7580, 492.8025

54.7494, 56.5308,
54.1059

123.3143,
127.8964, 126.2932

39.4341, 40.6287,
38.2925

154.9269,
160.8526, 159.9998

27.2799, 28.0291,
25.9062

191.5273,
199.0333, 199.2262

17.9212, 18.3476,
16.5284

233.4807,
242.8229, 244.3909

10.9928, 11.1998,
9.7404

281.1526,
292.6057, 295.9123

6.1292, 6.2014,
5.1238

334.9082,

2.9652, 2.9679,

348.7663, 354.2090

2.2601

395.1130,
411.6889, 419.6996

■ 1.1354, 1.1150,
0.7087

■ 0.0544, 0.0000,
0.0000

■ 73.5909, 76.1199,
73.7647

■ 73.5909, 76.1199,
73.7647

■ 67.4806, 68.3662,
57.9553

■ 80.4054, 84.5768,
91.9796

■ 62.0435, 61.2867,
44.4445

■ 87.0592, 93.3923,
108.0457

■ 57.2555, 54.8648,
33.1246

■ 88.7354, 96.7447,
108.6045

■ 53.0883, 49.0794,
23.8775

■ 49.5114, 43.9080,
16.5735

■ 46.4911, 39.3266,
11.0683

■ 43.9896, 35.3089,
7.1968

■ 41.9629, 31.8258,
4.7631

■ 40.3588, 28.8715,
3.4456

Harmonies

Analogous

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



75.1067, 76.1199, 76.6100



73.5909, 76.1199, 73.7647



71.7662, 76.1199, 73.3048

Triad

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



73.5909, 76.1199, 73.7647



68.9235, 76.1199, 84.5685



74.6206, 76.1199, 90.9264

Complementary

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



73.5909, 76.1199, 73.7647



69.9227, 74.6518, 90.8454

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.



72.9363, 76.1199, 93.2583



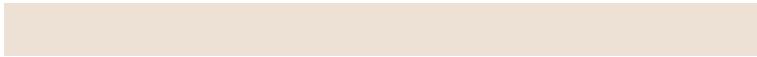
73.5909, 76.1199, 73.7647



69.6610, 76.1199, 89.4865

Square

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



73.5909, 76.1199, 73.7647



69.0920, 76.1199, 79.3970



71.1225, 76.1199, 92.7204



75.7081, 76.1199, 86.4667

Rectangle

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



73.5909, 76.1199, 73.7647



70.6230, 76.1199, 74.3922



71.1225, 76.1199, 92.7204



74.1043, 76.1199, 91.9935

Sweetspot

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



73.5930, 76.1232, 73.7663



92.5353, 96.9025, 102.1060



72.4751, 71.0960, 81.9994



19.6653, 20.5667, 21.4759



0.0000, 0.0000, 0.0000



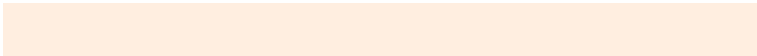
20.3446, 21.4041, 23.3091

Same Dimension

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



73.5930, 76.1232, 73.7663



85.4489, 88.0637, 83.3001



76.8740, 82.6852, 74.8600



15.6345, 16.1920, 15.8201



22.1622, 16.0186, 1.9238



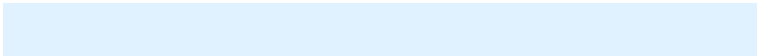
1.8354, 1.4482, 0.1828

Inverse Universe

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



69.9227, 74.6518, 90.8454



80.3608, 86.0237, 106.9765



66.8248, 68.4561, 89.8128



14.9070, 15.9004, 19.2056



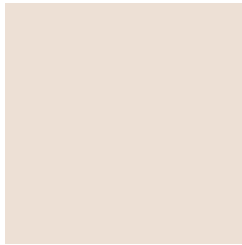
12.7166, 12.0802, 45.4044



1.0946, 1.1407, 3.5974

Previews

White Background



This preview shows how the XYZ color 73.5909, 76.1199, 73.7647 looks on a white background.

Color Contrast Check

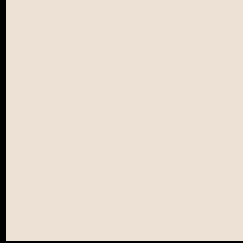
Large Text (above 18pt) WCAG AA × Fail

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 73.5909, 76.1199, 73.7647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

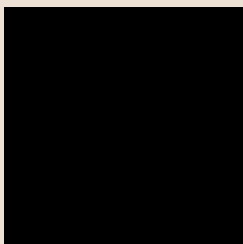
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

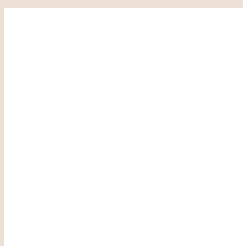
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.5909, 76.1199, 73.7647

Background



This preview shows how black text looks on a background with the XYZ color 73.5909, 76.1199, 73.7647.

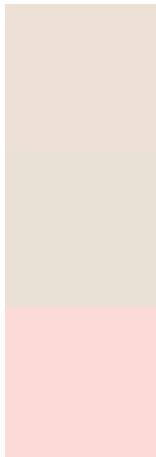


This preview shows how white text looks on a background with the XYZ color 73.5909, 76.1199,

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

73.5909, 76.1199, 73.7647

Protanopia

72.6671, 76.0291, 74.4634

Deuteranopia

77.3539, 75.6933, 74.1516



Tritanopia

76.9610, 75.8847, 91.4799

Trichromacy



Original Color

73.5909, 76.1199, 73.7647

Protanomaly

72.9945, 76.1979, 74.4788

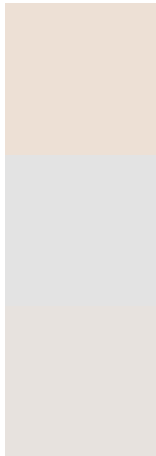
Deuteranomaly

76.0886, 75.8156, 74.2419

Tritanomaly

75.5959, 75.7208, 84.7600

Monochromacy



Original Color

73.5909, 76.1199, 73.7647

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.3362, 76.6556, 80.0380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.5909, 76.1199, 73.7647 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(237, 224, 213) looks like.

```
.text, #text, p{  
    color:rgb(237, 224, 213)  
}
```

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(237, 224, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 224, 213) }
```

Border

The CSS property to change the border of an element to XYZ 73.5909, 76.1199, 73.7647 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(237, 224, 213) }
```


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

```
.border{ border-color:rgb(237, 224, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 224, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 224, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 224, 213);  
box-shadow:4px 4px 4px 4px rgb(237, 224,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 73.5909, 76.1199, 73.7647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 224, 213) }
```

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

```
.background{ background-color: rgb(237,  
224, 213) }
```

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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