

Converting Colors

XYZ(72.5958, 73.8453, 75.4121)

Have a look what the booklet for
XYZ(72.5958, 73.8453, 75.4121)
contains.

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Color

**XYZ(72.5799, 73.9771,
75.4194)**

Conversions

Conversions Part 1

Format	Color
Hex	ECDCD8
RGB	236, 220, 216
RGB Percent	93%, 86%, 85%
CMY	0.0745, 0.1372, 0.1529
CMYK	0.00, 0.07, 0.08, 0.07
HSL	12°, 34%, 89%
HSV	12°, 8%, 93%
XYZ	72.5799, 73.9771, 75.4194
YIQ	224.3280, 10.8200, 2.1480

Conversions

Conversions Part 2

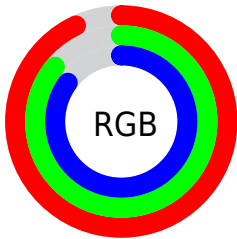
Format	Color
R _Y B	236, 221, 216
Decimal	15523032
CIE Lab	88.91, 4.81, 3.92
CIE LCh	89, 6.206, 39.216
Yxy	73.9771, 0.3270, 0.3333
Android (android.graphics.Color)	4293713112 (0xFFE8DCD8)
YUV	224.3280, -4.1057, 10.2363
Hunter-Lab	86.0099, 0.1107, 8.2174

Details

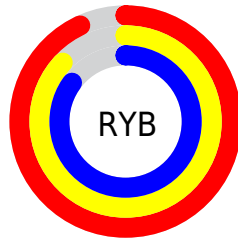
The XYZ color **72.5799, 73.9771, 75.4194** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.3156, 78.3669, 90.6725**, and the grayscale version is **71.1108, 74.8141, 81.4726**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.7105, 39.1868, 39.2418** is the 20% darker color. If you saturate the color by 10%, you get **65.0685, 63.4908, 58.9282**, and if you desaturate by 10%, it is **81.0931, 85.7639, 94.4082**.

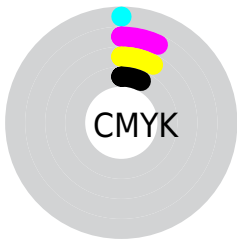
Distribution



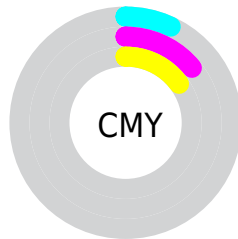
- Red (93%)
- Green (86%)
- Blue (85%)



- Red (93%)
- Yellow (87%)
- Blue (85%)



- Cyan (0%)
- Magenta (7%)
- Yellow (8%)
- Black (7%)



- Cyan (7%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.5799, 73.9771, 75.4194 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 72.5799, 73.9771, 75.4194 by changing the saturation by 10% instead.

72.5799, 73.9771,
75.4194

72.5799, 73.9771,
75.4194

458.6839,
474.3943, 498.6517

53.9197, 54.7753,
55.4527

121.8870,
124.8633, 128.6584

38.7679, 39.2218,
39.3633

153.2646,
157.3166, 162.7679

26.7591, 26.9324,
26.7325

189.6120,
194.9557, 202.4287

17.5280, 17.5224,
17.1417

231.2946,
238.1652, 248.0593

10.7093, 10.6077,
10.1726

278.6777,
287.3294, 300.0784

5.9376, 5.8037,
5.4064

332.1267,

2.8474, 2.7261,

342.8328, 358.9045

2.4248

392.0070,
405.0596, 424.9561

■ 1.0736, 0.9905,
0.7999

■ 0.0029, 0.0000,
0.0000

■ 72.5799, 73.9771,
75.4194

■ 72.5799, 73.9771,
75.4194

■ 65.0685, 63.4908,
58.9282

■ 81.0931, 85.7639,
94.4082

■ 58.5155, 54.2507,
44.8258

■ 88.4024, 96.5730,
108.5889

■ 52.8836, 46.2132,
33.0023

■ 48.1305, 39.3281,
23.3374

■ 44.2107, 33.5421,
15.6997

■ 41.0741, 28.7972,
9.9432

■ 38.6654, 25.0300,
5.9024

■ 36.9209, 22.1699,
3.3824

■ 35.7583, 20.1332,
2.1048

Harmonies

Analogous

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



73.2095, 73.9771, 79.2279



72.5799, 73.9771, 75.4194



71.3453, 73.9771, 73.0430

Triad

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



72.5799, 73.9771, 75.4194



67.6410, 73.9771, 77.6421



70.7777, 73.9771, 89.0128

Complementary

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



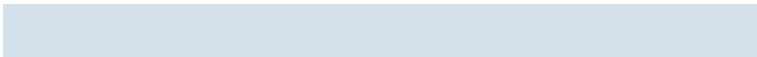
72.5799, 73.9771, 75.4194



72.3156, 78.3669, 90.6725

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.



69.2907, 73.9771, 88.5513



72.5799, 73.9771, 75.4194



67.4939, 73.9771, 81.8837

Square

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



72.5799, 73.9771, 75.4194



68.4985, 73.9771, 74.2941



68.0938, 73.9771, 85.9050



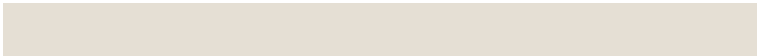
72.1593, 73.9771, 87.1444

Rectangle

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



72.5799, 73.9771, 75.4194



70.3526, 73.9771, 72.5394



68.0938, 73.9771, 85.9050



70.2734, 73.9771, 89.1264

Sweetspot

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



72.5820, 73.9803, 75.4210



91.9217, 95.6752, 101.9015



73.7143, 72.7719, 86.5060



19.5001, 20.2362, 21.4208



0.0000, 0.0000, 0.0000



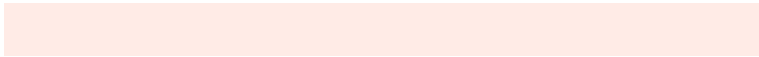
20.3446, 21.4041, 23.3091

Same Dimension

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



72.5820, 73.9803, 75.4210



85.0482, 86.1360, 86.6387



75.2844, 79.3853, 76.3218



15.3097, 15.5423, 15.7118



19.7062, 11.1066, 1.1052



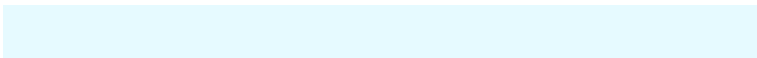
1.6138, 1.0049, 0.1089

Inverse Universe

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



72.3156, 78.3669, 90.6725



84.6758, 92.2662, 107.9540



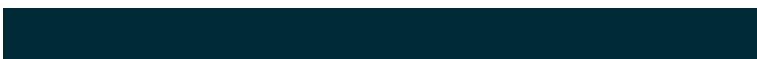
69.5815, 72.8987, 89.7612



15.2467, 16.5797, 19.3189



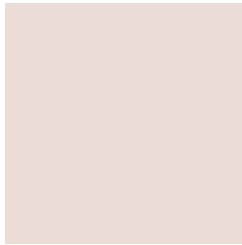
18.4409, 23.5287, 47.3125



1.5130, 1.9775, 3.7368

Previews

White Background



This preview shows how the XYZ color 72.5799, 73.9771, 75.4194 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 72.5799, 73.9771, 75.4194 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

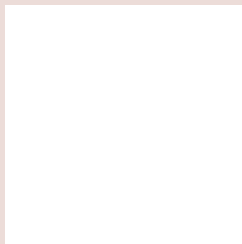
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.5799, 73.9771, 75.4194

Background



This preview shows how black text looks on a background with the XYZ color 72.5799, 73.9771, 75.4194.



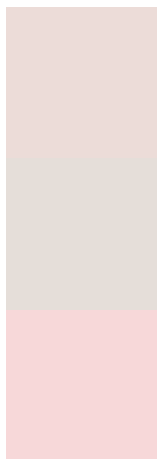
This preview shows how white text looks on a background with the XYZ color 72.5799, 73.9771,

75.4194.

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

72.5799, 73.9771, 75.4194

Protanopia

70.9588, 73.9103, 76.1718

Deuteranopia

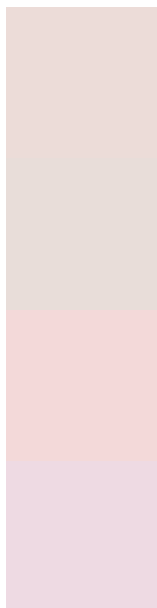
75.4380, 73.8956, 75.9329



Tritanopia

75.2607, 73.9169, 88.1426

Trichromacy



Original Color

72.5799, 73.9771, 75.4194

Protanomaly

71.6595, 73.8785, 76.1287

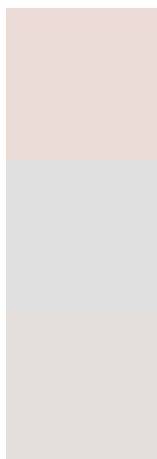
Deuteranomaly

74.2994, 73.6901, 75.9533

Tritanomaly

74.1964, 73.8660, 83.0200

Monochromacy



Original Color

72.5799, 73.9771, 75.4194

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.4337, 74.4898, 79.0196

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5799, 73.9771, 75.4194 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(236, 220, 216) looks like.

```
.text, #text, p{  
    color:rgb(236, 220, 216)  
}
```

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(236, 220, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 220, 216) }
```

Border

The CSS property to change the border of an element to XYZ 72.5799, 73.9771, 75.4194 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(236, 220, 216) }
```


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

```
.border{ border-color:rgb(236, 220, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 220, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 220, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 220, 216);  
box-shadow:4px 4px 4px 4px rgb(236, 220,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5799, 73.9771, 75.4194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 220, 216) }
```

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

```
.background{ background-color: rgb(236,  
220, 216) }
```

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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