

Converting Colors

XYZ(70.4664, 74.1403, 60.1156)

Have a look what the booklet for
XYZ(70.4664, 74.1403, 60.1156)
contains.

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Color

**XYZ(70.4503, 74.0087,
59.8622)**

Conversions

Conversions Part 1

Format	Color
Hex	EDDEBF
RGB	237, 222, 191
RGB Percent	93%, 87%, 75%
CMY	0.0706, 0.1294, 0.2510
CMYK	0.00, 0.06, 0.19, 0.07
HSL	40°, 56%, 84%
HSV	40°, 19%, 93%
XYZ	70.4503, 74.0087, 59.8622
YIQ	222.9510, 18.8910, -6.4610

Conversions

Conversions Part 2

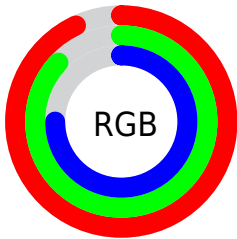
Format	Color
R _Y B	213, 237, 191
Decimal	15589055
CIE Lab	88.93, 0.23, 17.07
CIE LCh	89, 17.067, 89.229
Yxy	74.0087, 0.3448, 0.3622
Android (android.graphics.Color)	4293779135 (0xFFEDDEBF)
YUV	222.9510, -15.7518, 12.3210
Hunter-Lab	86.0283, -4.3723, 18.9633

Details

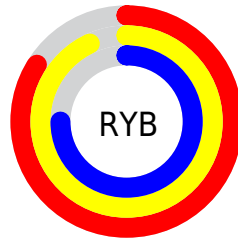
The XYZ color **70.4503, 74.0087, 59.8622** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **58.8429, 61.3319, 88.8581**, and the grayscale version is **70.2051, 73.8612, 80.4349**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **37.4622, 39.2962, 29.6552** is the 20% darker color. If you saturate the color by 10%, you get **66.0458, 69.0409, 46.5509**, and if you desaturate by 10%, it is **75.3749, 79.3400, 75.4308**.

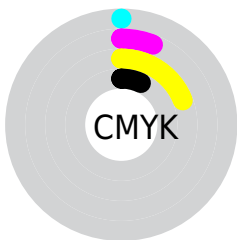
Distribution



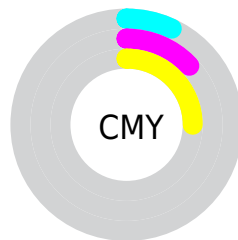
- Red (93%)
- Green (87%)
- Blue (75%)



- Red (84%)
- Yellow (93%)
- Blue (75%)



- Cyan (0%)
- Magenta (6%)
- Yellow (19%)
- Black (7%)




- Cyan (7%)
- Magenta (13%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.4503, 74.0087, 59.8622 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 70.4503, 74.0087, 59.8622 by changing the saturation by 10% instead.


 70.4503, 74.0087,
59.8622

 70.4503, 74.0087,
59.8622


451.3713,
474.5034, 441.8802

 52.1746, 54.8012,
42.8830


 118.8735,
124.9081, 106.1712

 37.3691, 39.2425,
29.4626


149.7517,
157.3688, 136.3380

 25.6684, 26.9485,
19.1825


185.5615,
195.0160, 171.7378

 16.7071, 17.5345,
11.6241

226.6682,
238.2341, 212.7891

 10.1199, 10.6163,
6.3688

273.4371,
287.4075, 259.9105

 5.5414, 5.8095,
2.9982

326.2338,

 2.6063, 2.7296,

342.9206, 313.5204

1.0937

385.4234,
405.1578, 374.0375

■ 0.9492, 0.9922,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.4503, 74.0087,
59.8622

■ 70.4503, 74.0087,
59.8622

■ 66.0458, 69.0409,
46.5509

■ 75.3749, 79.3400,
75.4308

■ 62.1339, 64.4162,
35.3850

■ 80.8338, 85.0349,
93.3518

■ 58.6935, 60.1264,
26.2501

■ 85.6831, 90.6403,
107.5871

■ 55.6992, 56.1595,
19.0193

■ 88.0717, 95.4176,
108.3833

■ 53.1228, 52.5020,
13.5510

■ 88.7352, 96.7446,
108.6045

■ 50.9326, 49.1390,
9.6841

■ 49.0908, 46.0532,
7.2272

■ 47.5385, 43.2188,
5.8768

■ 47.4516, 43.0574,
5.8099

Harmonies

Analogous

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



74.4963, 74.0087, 62.5328



70.4503, 74.0087, 59.8622



66.5258, 74.0087, 62.2739

Triad

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



70.4503, 74.0087, 59.8622



63.6200, 74.0087, 92.2400



77.4095, 74.0087, 92.8231

Complementary

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



70.4503, 74.0087, 59.8622



58.8429, 61.3319, 88.8581

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.



74.3036, 74.0087, 102.1689



70.4503, 74.0087, 59.8622



66.3471, 74.0087, 101.8097

Square

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



70.4503, 74.0087, 59.8622



62.6772, 74.0087, 80.2763



70.2359, 74.0087, 105.6058



78.6098, 74.0087, 80.8903

Rectangle

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



70.4503, 74.0087, 59.8622



64.4830, 74.0087, 66.5882



70.2359, 74.0087, 105.6058



76.5478, 74.0087, 96.4127

Sweetspot

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



70.4523, 74.0120, 59.8638



91.1131, 95.9125, 95.9154



64.7377, 59.7395, 66.7248



19.4133, 20.4360, 20.2406



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.



70.4523, 74.0120, 59.8638



81.2050, 85.1841, 64.5959



72.1083, 81.0434, 61.1337



15.9141, 16.7512, 15.9133



26.0312, 23.7566, 3.2135



2.1310, 2.0393, 0.2813

Inverse Universe

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



58.8429, 61.3319, 88.8581



65.3260, 67.8426, 104.2596



57.3826, 55.4736, 87.8043



14.6322, 15.3508, 19.1141



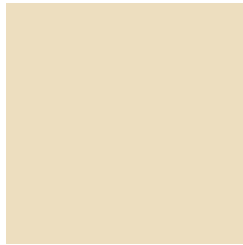
9.9105, 6.4681, 44.4691



0.8629, 0.6773, 3.5201

Previews

White Background



This preview shows how the XYZ color 70.4503, 74.0087, 59.8622 looks on a white background.

Color Contrast Check

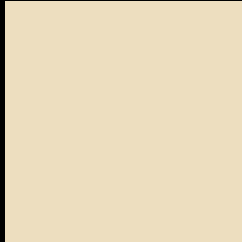
Large Text (above 18pt) WCAG AA × Fail

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 70.4503, 74.0087, 59.8622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

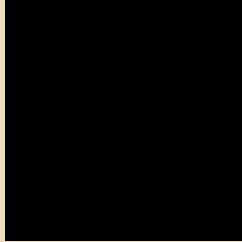
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.4503, 74.0087, 59.8622

Background



This preview shows how black text looks on a background with the XYZ color 70.4503, 74.0087, 59.8622.

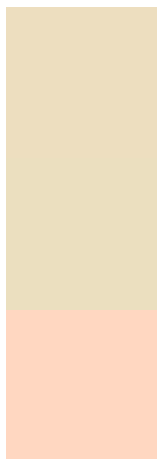


This preview shows how white text looks on a background with the XYZ color 70.4503, 74.0087,

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

70.4503, 74.0087, 59.8622

Protanopia

70.0526, 74.1991, 59.9199

Deuteranopia

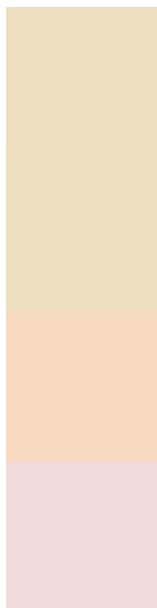
75.1661, 73.7111, 60.7181



Tritanopia

75.8818, 73.8722, 87.3501

Trichromacy



Original Color

70.4503, 74.0087, 59.8622

Protanomaly

70.3837, 74.3698, 59.9354

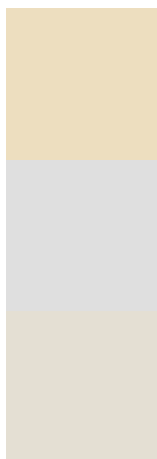
Deuteranomaly

73.2972, 73.9050, 60.2711

Tritanomaly

73.6615, 73.7300, 76.6786

Monochromacy



Original Color

70.4503, 74.0087, 59.8622

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.1405, 73.9725, 72.2093

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.4503, 74.0087, 59.8622 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, 222, 191)` looks like.

```
.text, #text, p{  
    color:rgb(237, 222, 191)  
}
```

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, 222, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 222, 191) }
```

Border

The CSS property to change the border of an element to XYZ 70.4503, 74.0087, 59.8622 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, 222, 191) }
```


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

```
.border{ border-color:rgb(237, 222, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 222, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 222, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 222, 191);  
box-shadow:4px 4px 4px 4px rgb(237, 222,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 70.4503, 74.0087, 59.8622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 222, 191) }
```

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

```
.background{ background-color: rgb(237,  
222, 191) }
```

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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