

Converting Colors

XYZ(74.3605, 74.4699, 76.4336)

Have a look what the booklet for
XYZ(74.3605, 74.4699, 76.4336)
contains.

XYZ(74.4739, 74.5500, 76.1100)	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(74.4739, 74.5500,
76.1100)**

Conversions

Conversions Part 1

Format	Color
Hex	F2DBD9
RGB	242, 219, 217
RGB Percent	95%, 86%, 85%
CMY	0.0510, 0.1412, 0.1490
CMYK	0.00, 0.10, 0.10, 0.05
HSL	5°, 49%, 90%
HSV	5°, 10%, 95%
XYZ	74.4739, 74.5500, 76.1100
YIQ	225.6490, 14.3500, 4.2540

Conversions

Conversions Part 2

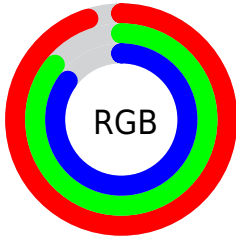
Format	Color
R _Y B	242, 219, 217
Decimal	15915993
CIE Lab	89.18, 7.59, 3.85
CIE LCh	89, 8.507, 26.917
Yxy	74.5500, 0.3308, 0.3311
Android (android.graphics.Color)	4294106073 (0xFFFF2DBD9)
YUV	225.6490, -4.2640, 14.3398
Hunter-Lab	86.3423, 2.8647, 8.1760

Details

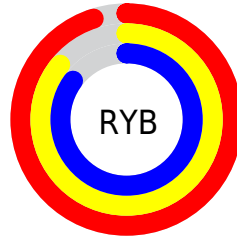
The XYZ color **74.4739, 74.5500, 76.1100** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.8022, 83.4814, 96.1238**, and the grayscale version is **72.0596, 75.8123, 82.5596**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0467, 39.5987, 39.7150** is the 20% darker color. If you saturate the color by 10%, you get **66.1304, 62.5359, 58.9212**, and if you desaturate by 10%, it is **84.0598, 88.3085, 95.9919**.

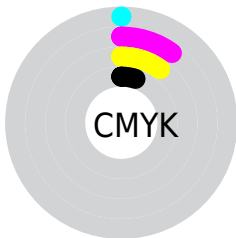
Distribution



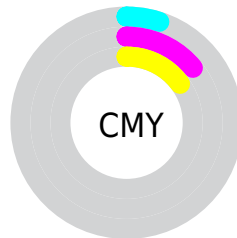
- Red (95%)
- Green (86%)
- Blue (85%)



- Red (95%)
- Yellow (86%)
- Blue (85%)



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



- Cyan (5%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4739, 74.5500, 76.1100 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 74.4739, 74.5500, 76.1100 by changing the saturation by 10% instead.

74.4739, 74.5500,
76.1100

74.4739, 74.5500,
76.1100

465.1324,
476.3694, 501.0810

55.4747, 55.2443,
56.0155

124.5593,
125.6752, 129.6439

40.0172, 39.5974,
39.8113

156.3761,
158.2634, 163.9204

27.7362, 27.2248,
27.0788

193.1961,
196.0480, 203.7613

18.2664, 17.7421,
17.3994

235.3848,
239.4133, 249.5852

11.2422, 10.7650,
10.3547

283.3074,
288.7437, 301.8105

6.2985, 5.9090,
5.5261

337.3293,

3.0698, 2.7898,

344.4236, 360.8559

2.4950

397.8159,
406.8374, 427.1399

■ 1.1908, 1.0230,
0.8375

■ 0.0991, 0.0000,
0.0000

■ 74.4739, 74.5500,
76.1100

■ 74.4739, 74.5500,
76.1100

■ 66.1304, 62.5359,
58.9212

■ 84.0598, 88.3085,
95.9919

■ 58.9725, 52.1871,
44.3051

■ 90.4284, 97.6175,
108.6837

■ 52.9480, 43.4331,
32.1393

■ 47.9988, 36.1944,
22.2897

■ 44.0613, 30.3850,
14.6092

■ 41.0653, 25.9100,
8.9336

■ 38.9315, 22.6631,
5.0758

■ 37.5674, 20.5216,
2.8129

■ 36.8581, 19.3569,
1.7936

Harmonies

Analogous

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



74.9155, 74.5500, 81.7881



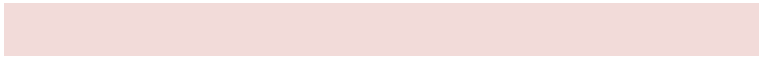
74.4739, 74.5500, 76.1100



73.0571, 74.5500, 71.9722

Triad

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



74.4739, 74.5500, 76.1100



67.5678, 74.5500, 75.0952



70.6433, 74.5500, 93.1216

Complementary

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



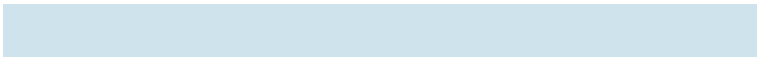
74.4739, 74.5500, 76.1100



75.8022, 83.4814, 96.1238

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.



68.7026, 74.5500, 91.1247



74.4739, 74.5500, 76.1100



66.9488, 74.5500, 80.5595

Square

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



74.4739, 74.5500, 76.1100



69.0672, 74.5500, 71.4067



67.3602, 74.5500, 86.4542



72.6786, 74.5500, 91.7899

Rectangle

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



74.4739, 74.5500, 76.1100



71.7642, 74.5500, 70.5462



67.3602, 74.5500, 86.4542



69.9585, 74.5500, 92.8151

Sweetspot

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



74.4760, 74.5533, 76.1116



91.6387, 95.1092, 101.8072



77.2096, 74.8151, 93.0704



19.4240, 20.0841, 21.3954



0.0000, 0.0000, 0.0000



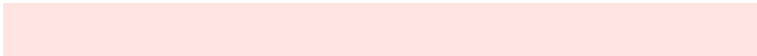
20.3446, 21.4041, 23.3091

Same Dimension

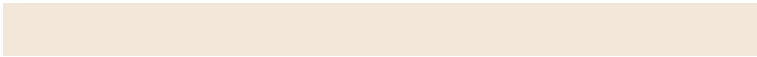
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.4760, 74.5533, 76.1116



82.1778, 81.5214, 82.2097



77.7660, 81.1333, 77.2083



15.8746, 15.9623, 16.3941



19.8383, 10.4748, 0.9762



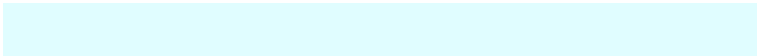
1.6853, 0.9413, 0.0929

Inverse Universe

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



75.8022, 83.4814, 96.1238



83.8970, 93.0961, 108.1552



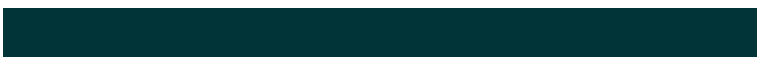
72.3409, 76.5588, 94.9700



16.1326, 17.6994, 20.2877



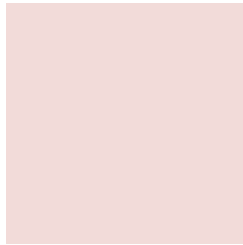
22.7758, 31.7758, 50.0608



1.9266, 2.7072, 4.1752

Previews

White Background



This preview shows how the XYZ color 74.4739, 74.5500, 76.1100 looks on a white background.

Color Contrast Check

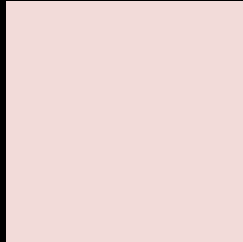
Large Text (above 18pt) WCAG AA × Fail

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 74.4739, 74.5500, 76.1100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

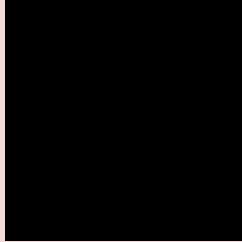
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

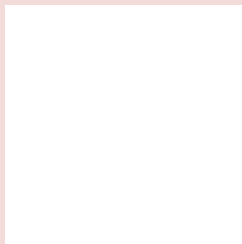
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.4739, 74.5500, 76.1100

Background



This preview shows how black text looks on a background with the XYZ color 74.4739, 74.5500, 76.1100.

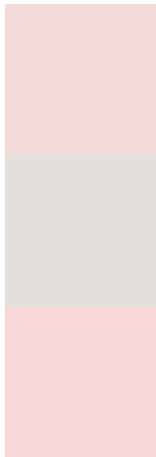


This preview shows how white text looks on a background with the XYZ color 74.4739, 74.5500,

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

74.4739, 74.5500, 76.1100

Protanopia

71.4870, 74.5478, 77.6392

Deuteranopia

76.0486, 74.5919, 76.0351



Tritanopia

76.5721, 74.2280, 87.3825

Trichromacy



Original Color

74.4739, 74.5500, 76.1100

Protanomaly

72.7078, 74.7969, 76.9348

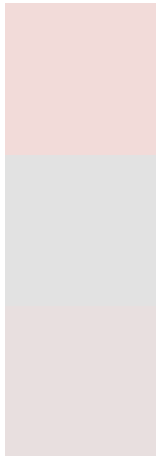
Deuteranomaly

75.6018, 74.7454, 76.0883

Tritanomaly

75.6401, 74.2264, 83.0135

Monochromacy



Original Color

74.4739, 74.5500, 76.1100

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.9857, 75.2589, 80.4917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4739, 74.5500, 76.1100 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(242, 219, 217)` looks like.

```
.text, #text, p{  
    color:rgb(242, 219, 217)  
}
```

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(242, 219, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 219, 217) }
```

Border

The CSS property to change the border of an element to XYZ 74.4739, 74.5500, 76.1100 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(242, 219, 217) }
```


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

```
.border{ border-color:rgb(242, 219, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 219, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 219, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 219, 217);  
box-shadow:4px 4px 4px 4px rgb(242, 219,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4739, 74.5500, 76.1100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 219, 217) }
```

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

```
.background{ background-color: rgb(242,  
219, 217) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor