

Converting Colors

XYZ(74.8723, 76.5999, 84.0228)

Have a look what the booklet for
XYZ(74.8723, 76.5999, 84.0228)
contains.

XYZ(74.9202, 76.5749, 84.2305)	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(74.9202, 76.5749,
84.2305)**

Conversions

Conversions Part 1

Format	Color
Hex	EBE0E4
RGB	235, 224, 228
RGB Percent	92%, 88%, 89%
CMY	0.0784, 0.1215, 0.1059
CMYK	0.00, 0.05, 0.03, 0.08
HSL	338°, 22%, 90%
HSV	338°, 5%, 92%
XYZ	74.9202, 76.5749, 84.2305
YIQ	227.7450, 5.2720, 3.5760

Conversions

Conversions Part 2

Format	Color
R _Y B	235, 224, 228
Decimal	15458532
CIE Lab	90.13, 4.44, -0.62
CIE LCh	90, 4.480, 352.016
Yxy	76.5749, 0.3178, 0.3248
Android (android.graphics.Color)	4293648612 (0xFFEBE0E4)
YUV	227.7450, 0.1257, 6.3626
Hunter-Lab	87.5071, -0.3126, 4.1850

Details

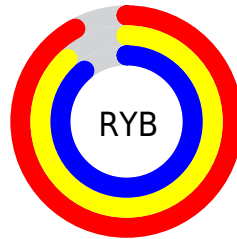
The XYZ color **74.9202, 76.5749, 84.2305** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.8755, 81.0355, 87.3004**, and the grayscale version is **73.5547, 77.3853, 84.2726**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3212, 40.9768, 45.3193** is the 20% darker color. If you saturate the color by 10%, you get **67.0485, 64.0117, 71.8001**, and if you desaturate by 10%, it is **83.8489, 90.9624, 97.9017**.

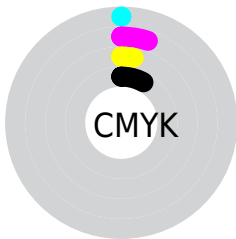
Distribution



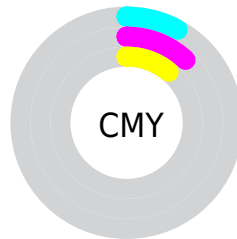
- Red (92%)
- Green (88%)
- Blue (89%)



- Red (92%)
- Yellow (88%)
- Blue (89%)



- Cyan (0%)
- Magenta (5%)
- Yellow (3%)
- Black (8%)



- Cyan (8%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.9202, 76.5749, 84.2305 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 74.9202, 76.5749, 84.2305 by changing the saturation by 10% instead.

■ 74.9202, 76.5749,
84.2305

■ 74.9202, 76.5749,
84.2305

466.6446,
483.3134, 529.1564

■ 55.8415, 56.9040,
62.6593

125.1879,
128.5392, 141.1622

■ 40.3123, 40.9282,
45.1264

157.1076,
161.6015, 177.3597

■ 27.9674, 28.2630,
31.2133

194.0383,
199.8964, 219.2697

■ 18.4414, 18.5240,
20.5015

236.3454,
243.8082, 267.3108

■ 11.3690, 11.3268,
12.5724

284.3942,
293.7215, 321.9014

■ 6.3847, 6.2871,
7.0075

338.5501,

■ 3.1233, 3.0204,

350.0205, 383.4602

3.3883

399.1785,
413.0897, 452.4057

■ 1.2193, 1.1424,
1.2962

■ 0.1215, 0.0139,
0.0586

■ 74.9202, 76.5749,
84.2305

■ 74.9202, 76.5749,
84.2305

■ 67.0485, 64.0117,
71.8001

■ 83.8489, 90.9624,
97.9017

■ 60.1871, 53.1898,
60.5699

■ 88.0714, 96.4024,
108.5734

■ 54.2954, 44.0345,
50.5040

■ 49.3277, 36.4622,
41.5629

■ 45.2341, 30.3814,
33.7045

■ 41.9600, 25.6916,
26.8841

■ 39.4443, 22.2796,
21.0530

■ 37.6164, 20.0140,
16.1578

■ 36.3909, 18.7345,
12.1383

Harmonies

Analogous

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



74.4805, 76.5749, 87.2028



74.9202, 76.5749, 84.2305



74.7825, 76.5749, 81.1025

Triad

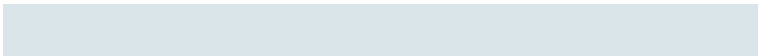
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.9202, 76.5749, 84.2305



71.9836, 76.5749, 77.8279



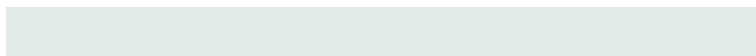
71.4741, 76.5749, 88.2973

Complementary

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



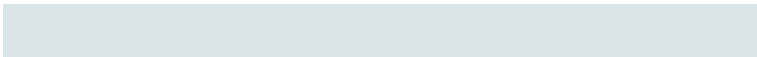
74.9202, 76.5749, 84.2305



74.8755, 81.0355, 87.3004

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.



70.8178, 76.5749, 85.6937



74.9202, 76.5749, 84.2305



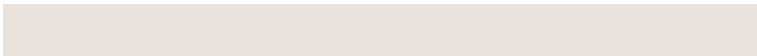
71.1098, 76.5749, 79.6648

Square

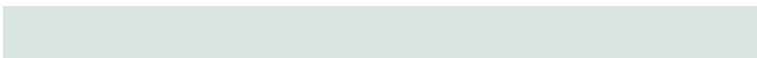
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



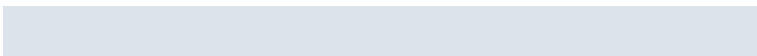
74.9202, 76.5749, 84.2305



73.0795, 76.5749, 77.4587



70.6852, 76.5749, 82.5294



72.4856, 76.5749, 89.5895

Rectangle

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



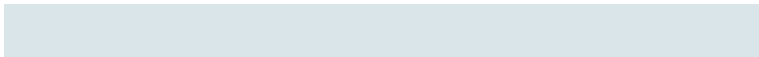
74.9202, 76.5749, 84.2305



74.3823, 76.5749, 79.3451



70.6852, 76.5749, 82.5294



71.2051, 76.5749, 87.5433

Sweetspot

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



74.9224, 76.5782, 84.2322



93.9816, 98.2797, 107.2600



74.5979, 76.2964, 89.3933



20.1272, 21.0540, 22.9754



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.



74.9224, 76.5782, 84.2322



88.8330, 90.0122, 99.2867



74.7696, 77.1503, 81.4757



15.7833, 15.9305, 17.5936



20.0451, 10.2207, 6.0390



1.6188, 0.8205, 0.7100

Inverse Universe

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



74.9224, 76.5782, 84.2322



88.8330, 90.0122, 99.2867



75.0285, 80.4278, 90.1680



15.7833, 15.9305, 17.5936



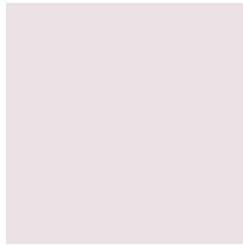
20.0451, 10.2207, 6.0390



1.6188, 0.8205, 0.7100

Previews

White Background



This preview shows how the XYZ color 74.9202, 76.5749, 84.2305 looks on a white background.

Color Contrast Check

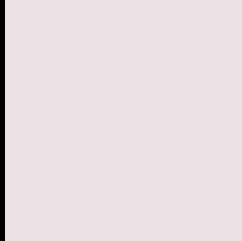
Large Text (above 18pt) WCAG AA × Fail

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 74.9202, 76.5749, 84.2305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

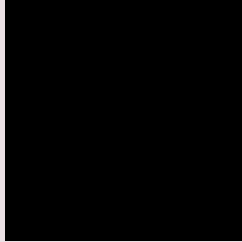
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

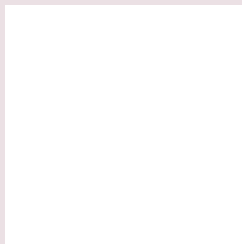
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.9202, 76.5749, 84.2305

Background



This preview shows how black text looks on a background with the XYZ color 74.9202, 76.5749, 84.2305.

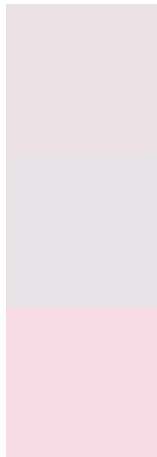


This preview shows how white text looks on a background with the XYZ color 74.9202, 76.5749,

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

74.9202, 76.5749, 84.2305

Protanopia

73.9723, 76.8728, 85.0679

Deuteranopia

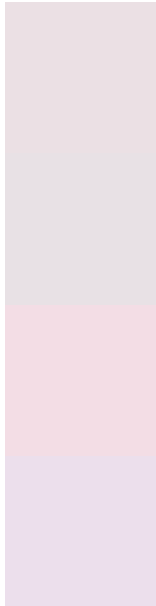
78.0938, 76.6177, 84.8014



Tritanopia

76.7745, 76.5383, 93.1650

Trichromacy



Original Color

74.9202, 76.5749, 84.2305

Protanomaly

74.3468, 76.6634, 85.0078

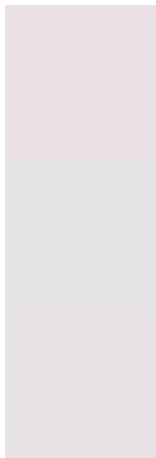
Deuteranomaly

76.9615, 76.4247, 84.8239

Tritanomaly

76.1201, 76.6643, 90.1426

Monochromacy



Original Color

74.9202, 76.5749, 84.2305

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.4277, 77.5285, 84.4405

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9202, 76.5749, 84.2305 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(235, 224, 228) looks like.

```
.text, #text, p{  
    color:rgb(235, 224, 228)  
}
```

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(235, 224, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 224, 228) }
```

Border

The CSS property to change the border of an element to XYZ 74.9202, 76.5749, 84.2305 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(235, 224, 228) }
```


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

```
.border{ border-color:rgb(235, 224, 228) }
```

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

Here you see how a box with a 4 pixel rgb(235, 224, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 224, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 224, 228);  
box-shadow:4px 4px 4px 4px rgb(235, 224,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9202, 76.5749, 84.2305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 224, 228) }
```

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

```
.background{ background-color: rgb(235,  
224, 228) }
```

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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