

Converting Colors

XYZ(74.8875, 76.3034, 84.2433)

Have a look what the booklet for
XYZ(74.8875, 76.3034, 84.2433)
contains.

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Color

**XYZ(74.6522, 76.0390,
84.1412)**

Conversions

Conversions Part 1

Format	Color
Hex	EBDFE4
RGB	235, 223, 228
RGB Percent	92%, 87%, 89%
CMY	0.0784, 0.1255, 0.1059
CMYK	0.00, 0.05, 0.03, 0.08
HSL	335°, 23%, 90%
HSV	335°, 5%, 92%
XYZ	74.6522, 76.0390, 84.1412
YIQ	227.1580, 5.5470, 4.0990

Conversions

Conversions Part 2

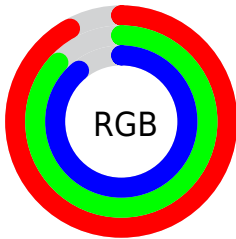
Format	Color
R_{YB}	235, 223, 228
Decimal	15458276
CIE _{Lab}	89.88, 4.95, -0.99
CIE _{LCh}	90, 5.051, 348.754
Yxy	76.0390, 0.3179, 0.3238
Android (android.graphics.Color)	4293648356 (0xFFE8DFE4)
YUV	227.1580, 0.4151, 6.8774
Hunter-Lab	87.2003, 0.2132, 3.8302

Details

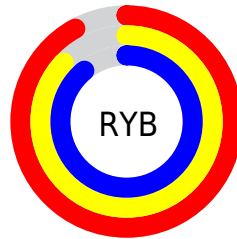
The XYZ color **74.6522, 76.0390, 84.1412** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.4255, 80.8197, 86.5440**, and the grayscale version is **73.1247, 76.9329, 83.7799**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1359, 40.6061, 45.2575** is the 20% darker color. If you saturate the color by 10%, you get **66.9758, 63.6121, 72.5602**, and if you desaturate by 10%, it is **83.3553, 90.2757, 96.8114**.

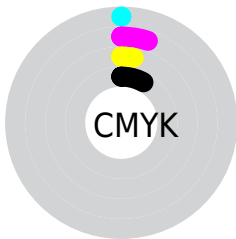
Distribution



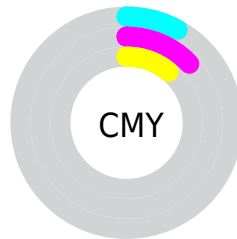
- Red (92%)
- Green (87%)
- Blue (89%)



- Red (92%)
- Yellow (87%)
- Blue (89%)



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



- Cyan (8%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.6522, 76.0390, 84.1412 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 74.6522, 76.0390, 84.1412 by changing the saturation by 10% instead.

74.6522, 76.0390,
84.1412

74.6522, 76.0390,
84.1412

465.7369,
481.4812, 528.8523

55.6212, 56.4645,
62.5860

124.8105,
127.7820, 141.0362

40.1351, 40.5755,
45.0675

156.6684,
160.7193, 177.2130

27.8286, 27.9875,
31.1673

193.5327,
198.8797, 219.1007

18.3363, 18.3162,
20.4667

235.7687,
242.6475, 267.1179

11.2928, 11.1773,
12.5473

283.7418,
292.4072, 321.6831

6.3329, 6.1862,
6.9905

337.8173,

3.0911, 2.9586,

348.5431, 383.2149

3.3778

398.3605,
411.4396, 452.1318

■ 1.2021, 1.1102,
1.2906

■ 0.1080, 0.0000,
0.0541

■ 74.6522, 76.0390,
84.1412

■ 74.6522, 76.0390,
84.1412

■ 66.9758, 63.6121,
72.5602

■ 83.3553, 90.2757,
96.8114

■ 60.2805, 52.9123,
62.0331

■ 88.0714, 96.4024,
108.5734

■ 54.5268, 43.8652,
52.5298

■ 49.6697, 36.3872,
44.0169

■ 45.6606, 30.3871,
36.4589

■ 42.4459, 25.7645,
29.8177

■ 39.9656, 22.4059,
24.0523

■ 38.1503, 20.1798,
19.1171

■ 36.9155, 18.9249,
14.9605

Harmonies

Analogous

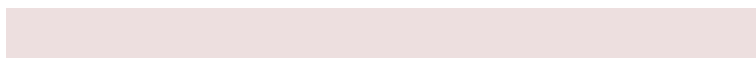
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.0923, 76.0390, 87.4080



74.6522, 76.0390, 84.1412



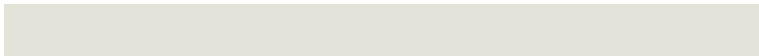
74.5691, 76.0390, 80.6035

Triad

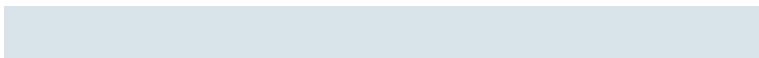
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.6522, 76.0390, 84.1412



71.5040, 76.0390, 76.4545



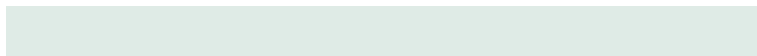
70.7021, 76.0390, 88.0695

Complementary

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



74.6522, 76.0390, 84.1412



74.4255, 80.8197, 86.5440

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.



70.0241, 76.0390, 85.0229



74.6522, 76.0390, 84.1412



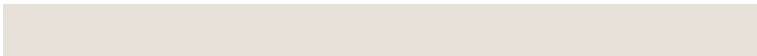
70.4834, 76.0390, 78.3444

Square

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



74.6522, 76.0390, 84.1412



72.7418, 76.0390, 76.2338



69.9445, 76.0390, 81.4604



71.8058, 76.0390, 89.7192

Rectangle

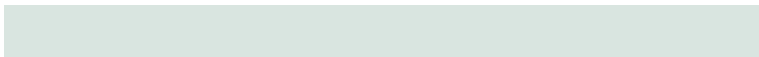
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.6522, 76.0390, 84.1412



74.1605, 76.0390, 78.5653



69.9445, 76.0390, 81.4604



70.4174, 76.0390, 87.1708

Sweetspot

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



74.6544, 76.0423, 84.1428



92.9690, 96.5989, 105.8609



74.0189, 75.6001, 89.2893



19.9210, 20.7118, 22.6905



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.



74.6544, 76.0423, 84.1428



88.9575, 90.0619, 99.9419



74.2385, 76.3046, 80.6315



15.8077, 15.9402, 17.7218



20.3516, 10.3433, 7.6530



1.6450, 0.8310, 0.8481

Inverse Universe

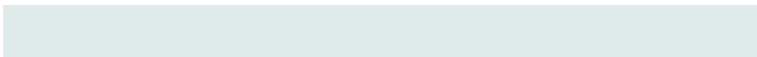
The Inverse Universe completely reimagines the original color for something new.



74.6544, 76.0423, 84.1428



88.9575, 90.0619, 99.9419



74.8520, 80.5337, 90.1976



15.8077, 15.9402, 17.7218



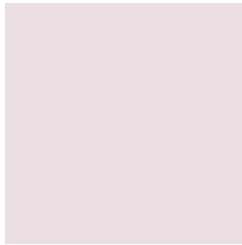
20.3516, 10.3433, 7.6530



1.6450, 0.8310, 0.8481

Previews

White Background



This preview shows how the XYZ color 74.6522, 76.0390, 84.1412 looks on a white background.

Color Contrast Check

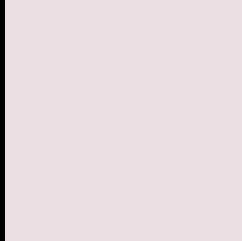
Large Text (above 18pt) WCAG AA × Fail

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 74.6522, 76.0390, 84.1412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

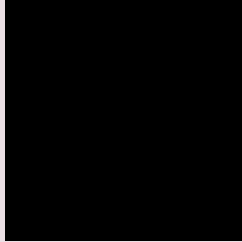
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

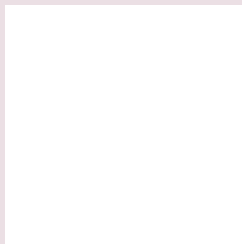
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.6522, 76.0390, 84.1412

Background



This preview shows how black text looks on a background with the XYZ color 74.6522, 76.0390, 84.1412.

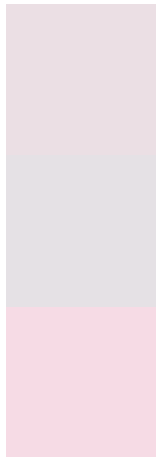


This preview shows how white text looks on a background with the XYZ color 74.6522, 76.0390,

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

74.6522, 76.0390, 84.1412

Protanopia

73.3812, 76.1656, 84.9626

Deuteranopia

77.4804, 75.9130, 84.6978



Tritanopia

76.3615, 75.9494, 92.2964

Trichromacy



Original Color

74.6522, 76.0390, 84.1412

Protanomaly

73.7535, 75.9574, 84.9028

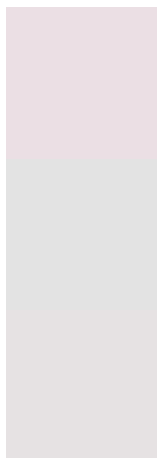
Deuteranomaly

76.3540, 75.7208, 84.7200

Tritanomaly

75.7087, 76.0736, 89.2907

Monochromacy



Original Color

74.6522, 76.0390, 84.1412

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.6946, 76.7618, 83.6054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6522, 76.0390, 84.1412 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, 223, 228) looks like.

```
.text, #text, p{  
    color:rgb(235, 223, 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, 223, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 223, 228) }
```

Border

The CSS property to change the border of an element to XYZ 74.6522, 76.0390, 84.1412 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, 223, 228) }
```


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

```
.border{ border-color:rgb(235, 223, 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, 223, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 223, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 223, 228);  
box-shadow:4px 4px 4px 4px rgb(235, 223,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6522, 76.0390, 84.1412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 223, 228) }
```

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

```
.background{ background-color: rgb(235,  
223, 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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