

Converting Colors

XYZ(74.0551, 76.0390, 79.2925)

Have a look what the booklet for
XYZ(74.0551, 76.0390, 79.2925)
contains.

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Color

**XYZ(74.2989, 76.3646,
79.2305)**

Conversions

Conversions Part 1

Format	Color
Hex	ECE0DD
RGB	236, 224, 221
RGB Percent	93%, 88%, 87%
CMY	0.0745, 0.1215, 0.1333
CMYK	0.00, 0.05, 0.06, 0.07
HSL	12°, 28%, 90%
HSV	12°, 6%, 93%
XYZ	74.2989, 76.3646, 79.2305
YIQ	227.2460, 8.1150, 1.6110

Conversions

Conversions Part 2

Format	Color
R _Y B	236, 225, 221
Decimal	15524061
CIE Lab	90.03, 3.57, 2.92
CIE LCh	90, 4.614, 39.216
Yxy	76.3646, 0.3232, 0.3322
Android (android.graphics.Color)	4293714141 (0xFFECE0DD)
YUV	227.2460, -3.0793, 7.6773
Hunter-Lab	87.3868, -1.1609, 7.4147

Details

The XYZ color **74.2989, 76.3646, 79.2305** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.0980, 79.7050, 90.8372**, and the grayscale version is **73.2120, 77.0248, 83.8800**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8933, 40.8324, 41.8552** is the 20% darker color. If you saturate the color by 10%, you get **66.5795, 65.6084, 62.2194**, and if you desaturate by 10%, it is **83.0277, 88.4304, 98.7605**.

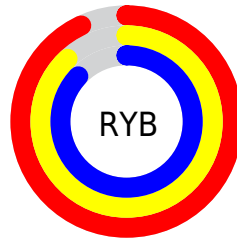
Distribution



Red (93%)

Green (88%)

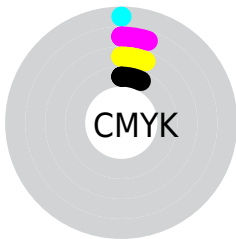
Blue (87%)



Red (93%)

Yellow (88%)

Blue (87%)

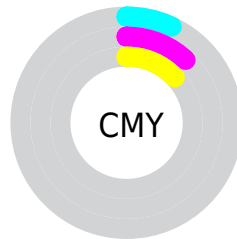


Cyan (0%)

Magenta (5%)

Yellow (6%)

Black (7%)



Cyan (7%)

Magenta (12%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.2989, 76.3646, 79.2305 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 74.2989, 76.3646, 79.2305 by changing the saturation by 10% instead.

74.2989, 76.3646,
79.2305

74.2989, 76.3646,
79.2305

464.5387,
482.5949, 511.9740

55.3309, 56.7315,
58.5629

124.3127,
128.2422, 134.0849

39.9016, 40.7897,
41.8437

156.0891,
161.2554, 169.1088

27.6457, 28.1548,
28.6542

192.8657,
199.4976, 209.7552

18.1978, 18.4424,
18.5761

235.0078,
243.3529, 256.4427

11.1927, 11.2681,
11.1907

282.8808,
293.2060, 309.5898

6.2648, 6.2474,
6.0795

336.8501,

3.0490, 2.9961,

349.4410, 369.6150

2.8239

397.2809,
412.4425, 436.9369

■ 1.1797, 1.1297,
1.0054

■ 0.0903, 0.0031,
0.0000

■ 74.2989, 76.3646,
79.2305

■ 74.2989, 76.3646,
79.2305

■ 66.5795, 65.6084,
62.2194

■ 83.0277, 88.4304,
98.7605

■ 59.8264, 56.1079,
47.6196

■ 88.4025, 96.5731,
108.5889

■ 54.0029, 47.8199,
35.3231

■ 49.0674, 40.6952,
25.2114

■ 44.9751, 34.6810,
17.1559

■ 41.6770, 29.7205,
11.0139

■ 39.1190, 25.7516,
6.6246

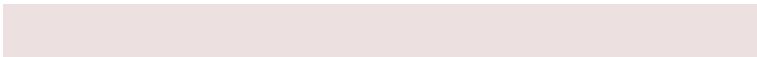
■ 37.2395, 22.7055,
3.8007

■ 35.9654, 20.5034,
2.3089

Harmonies

Analogous

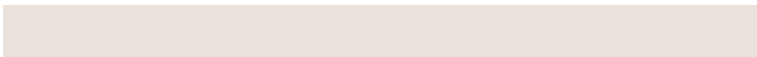
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.7740, 76.3646, 82.1437



74.2989, 76.3646, 79.2305



73.3652, 76.3646, 77.3994

Triad

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



74.2989, 76.3646, 79.2305



70.5462, 76.3646, 80.9339



72.9349, 76.3646, 89.5191

Complementary

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



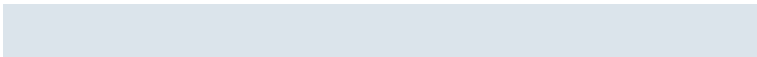
74.2989, 76.3646, 79.2305



74.0980, 79.7050, 90.8372

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.



71.8050, 76.3646, 89.1745



74.2989, 76.3646, 79.2305



70.4337, 76.3646, 84.1606

Square

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



74.2989, 76.3646, 79.2305



71.2011, 76.3646, 78.3648



70.8923, 76.3646, 87.1927



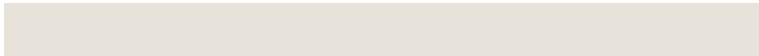
73.9811, 76.3646, 88.1222

Rectangle

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



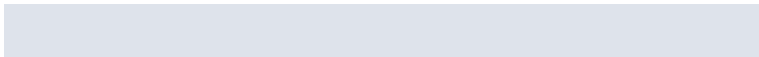
74.2989, 76.3646, 79.2305



72.6123, 76.3646, 77.0100



70.8923, 76.3646, 87.1927



72.5522, 76.3646, 89.6039

Sweetspot

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



74.3010, 76.3679, 79.2321



92.9523, 97.1011, 104.2036



75.1576, 75.4301, 87.6901



19.9176, 20.8141, 22.3530



0.0000, 0.0000, 0.0000



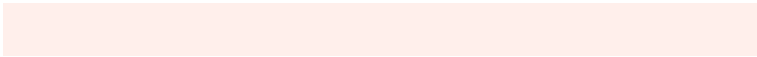
20.3446, 21.4041, 23.3091

Same Dimension

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



74.3010, 76.3679, 79.2321



86.9521, 88.7840, 90.8488



76.3604, 80.4866, 79.9186



15.3097, 15.5425, 15.7118



19.7065, 11.1072, 1.1053



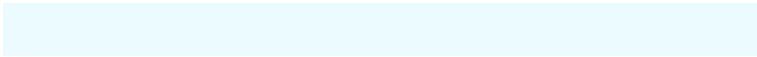
1.6138, 1.0049, 0.1089

Inverse Universe

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



74.0980, 79.7050, 90.8372



86.6495, 93.7552, 108.1374



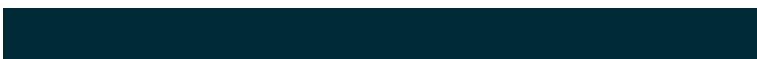
72.0208, 75.5506, 90.1448



15.2466, 16.5796, 19.3189



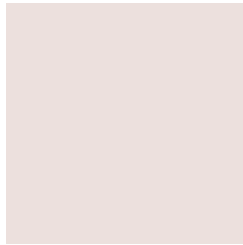
18.4393, 23.5256, 47.3120



1.5129, 1.9773, 3.7368

Previews

White Background



This preview shows how the XYZ color 74.2989, 76.3646, 79.2305 looks on a white background.

Color Contrast Check

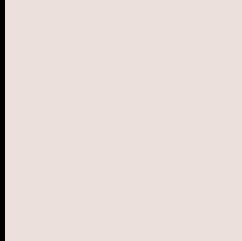
Large Text (above 18pt) WCAG AA × Fail

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 74.2989, 76.3646, 79.2305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

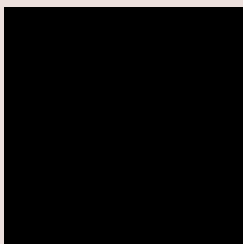
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

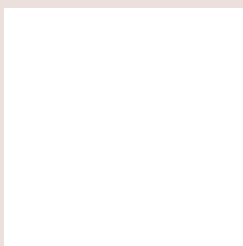
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.2989, 76.3646, 79.2305

Background



This preview shows how black text looks on a background with the XYZ color 74.2989, 76.3646, 79.2305.



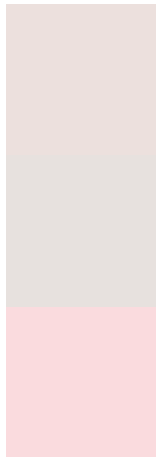
This preview shows how white text looks on a background with the XYZ color 74.2989, 76.3646,

79.2305.

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

74.2989, 76.3646, 79.2305

Protanopia

73.0650, 76.1133, 79.9476

Deuteranopia

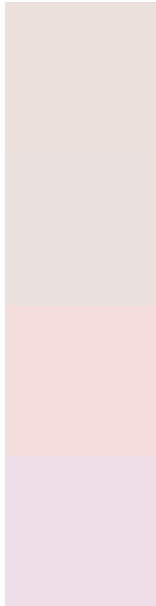
77.9407, 76.2610, 79.7192



Tritanopia

77.0330, 76.2956, 92.3278

Trichromacy



Original Color

74.2989, 76.3646, 79.2305

Protanomaly

73.7143, 76.4480, 79.9780

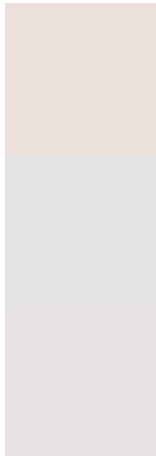
Deuteranomaly

76.6975, 76.3993, 79.8114

Tritanomaly

75.9467, 76.2459, 87.0580

Monochromacy



Original Color

74.2989, 76.3646, 79.2305

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.4201, 76.6519, 82.1598

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2989, 76.3646, 79.2305 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(236, 224, 221) looks like.

```
.text, #text, p{  
    color:rgb(236, 224, 221)  
}
```

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, 224, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 224, 221) }
```

Border

The CSS property to change the border of an element to XYZ 74.2989, 76.3646, 79.2305 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(236, 224, 221) }
```


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

```
.border{ border-color:rgb(236, 224, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 224, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 224, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 224, 221);  
box-shadow:4px 4px 4px 4px rgb(236, 224,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2989, 76.3646, 79.2305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 224, 221) }
```

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

```
.background{ background-color: rgb(236,  
224, 221) }
```

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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