

Converting Colors

XYZ(76.3517, 75.0605, 89.3529)

Have a look what the booklet for
XYZ(76.3517, 75.0605, 89.3529)
contains.

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Color

**XYZ(76.2621, 75.1865,
89.0903)**

Conversions

Conversions Part 1

Format	Color
Hex	F0DBEB
RGB	240, 219, 235
RGB Percent	94%, 86%, 92%
CMY	0.0588, 0.1412, 0.0784
CMYK	0.00, 0.09, 0.02, 0.06
HSL	314°, 41%, 90%
HSV	314°, 9%, 94%
XYZ	76.2621, 75.1865, 89.0903
YIQ	227.1030, 7.3800, 9.4280

Conversions

Conversions Part 2

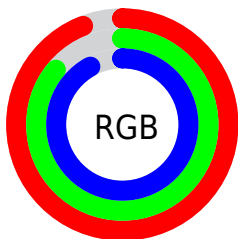
Format	Color
R _Y B	240, 219, 235
Decimal	15784939
CIE Lab	89.48, 9.96, -5.20
CIE LCh	89, 11.235, 332.429
Yxy	75.1865, 0.3170, 0.3126
Android (android.graphics.Color)	4293975019 (0xFFFF0DBEB)
YUV	227.1030, 3.8932, 11.3107
Hunter-Lab	86.7101, 5.2491, -0.2204

Details

The XYZ color **76.2621, 75.1865, 89.0903** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.8309, 82.7641, 82.6087**, and the grayscale version is **73.0593, 76.8640, 83.7049**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1793, 39.9959, 48.1974** is the 20% darker color. If you saturate the color by 10%, you get **69.6349, 63.2314, 82.8731**, and if you desaturate by 10%, it is **83.8229, 88.9641, 95.7514**.

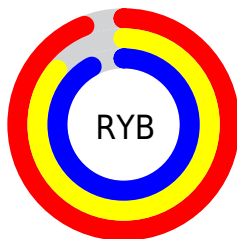
Distribution



Red (94%)

Green (86%)

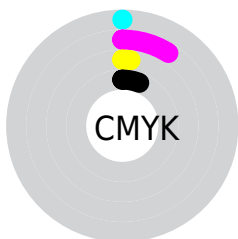
Blue (92%)



Red (94%)

Yellow (86%)

Blue (92%)

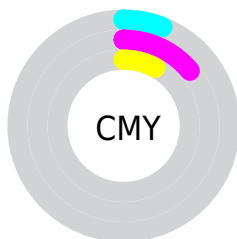


Cyan (0%)

Magenta (9%)

Yellow (2%)

Black (6%)



Cyan (6%)


Magenta (14%)


Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.2621, 75.1865, 89.0903 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 76.2621, 75.1865, 89.0903 by changing the saturation by 10% instead.

 76.2621, 75.1865,
89.0903

 76.2621, 75.1865,
89.0903


471.1751,
478.5583, 545.5607

 56.9453, 55.7657,
66.6569


127.0757,
126.5763, 147.9986

 41.2013, 40.0151,
48.3460


159.3032,
159.3141, 185.3106

 28.6647, 27.5503,
33.7391


196.5650,
197.2597, 228.4192

 18.9704, 17.9870,
22.4175

239.2263,
240.7975, 277.7430

 11.7527, 10.9406,
13.9627

287.6527,
290.3119, 333.7005

 6.6465, 6.0269,
7.9563

342.2093,

 3.2864, 2.8615,

346.1872, 396.7103

3.9796

403.2617,
408.8079, 467.1908

■ 1.3070, 1.0598,
1.6142

■ 0.1884, 0.0000,
0.3009

■ 76.2621, 75.1865,
89.0903

■ 76.2621, 75.1865,
89.0903

■ 69.6349, 63.2314,
82.8731

■ 83.8229, 88.9641,
95.7514

■ 63.8960, 53.0119,
77.0809

■ 88.3966, 96.7259,
101.5480

■ 59.0062, 44.4490,
71.7001

■ 89.2897, 97.0831,
106.2509

■ 54.9206, 37.4532,
66.7146

■ 89.7456, 97.2655,
108.6518

■ 51.5902, 31.9270,
62.1069

■ 48.9605, 27.7617,
57.8574

■ 46.9693, 24.8334,
53.9440

■ 45.5433, 22.9958,
50.3412

■ 44.5743, 22.0331,
47.0113

Harmonies

Analogous

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



74.3412, 75.1865, 95.3506



76.2621, 75.1865, 89.0903



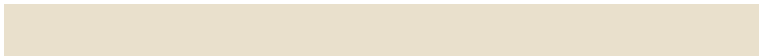
76.8871, 75.1865, 81.2240

Triad

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



76.2621, 75.1865, 89.0903



71.2382, 75.1865, 67.6234



67.0837, 75.1865, 90.2738

Complementary

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



76.2621, 75.1865, 89.0903



73.8309, 82.7641, 82.6087

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.



66.2993, 75.1865, 82.5100



76.2621, 75.1865, 89.0903



68.6591, 75.1865, 69.7155

Square

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



76.2621, 75.1865, 89.0903



73.9426, 75.1865, 69.1394



66.8686, 75.1865, 75.0419



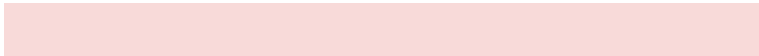
69.0385, 75.1865, 96.0641

Rectangle

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



76.2621, 75.1865, 89.0903



76.4721, 75.1865, 76.2120



66.8686, 75.1865, 75.0419



66.6767, 75.1865, 87.7915

Sweetspot

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



76.2643, 75.1898, 89.0919



92.3659, 95.0990, 106.5652



71.7723, 72.7894, 92.7061



19.6202, 20.0818, 22.6775



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.



76.2643, 75.1898, 89.0919



86.4854, 84.4108, 101.2979



74.8054, 74.6062, 81.4094



16.2839, 15.9633, 19.0513



24.3961, 12.0309, 25.8001



2.0678, 1.0162, 2.3478

Inverse Universe

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



76.2643, 75.1898, 89.0919



86.4854, 84.4108, 101.2979



75.2848, 83.3456, 90.2648



16.2839, 15.9633, 19.0513



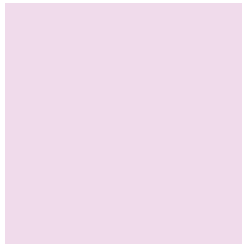
24.3961, 12.0309, 25.8001



2.0678, 1.0162, 2.3478

Previews

White Background



This preview shows how the XYZ color 76.2621, 75.1865, 89.0903 looks on a white background.

Color Contrast Check

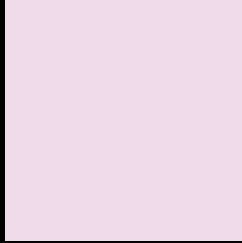
Large Text (above 18pt) WCAG AA × Fail

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 76.2621, 75.1865, 89.0903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

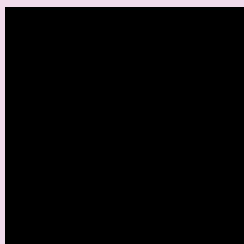
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.2621, 75.1865, 89.0903

Background



This preview shows how black text looks on a background with the XYZ color 76.2621, 75.1865, 89.0903.



This preview shows how white text looks on a background with the XYZ color 76.2621, 75.1865,

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

76.2621, 75.1865, 89.0903

Protanopia

73.1396, 75.4919, 91.6054

Deuteranopia

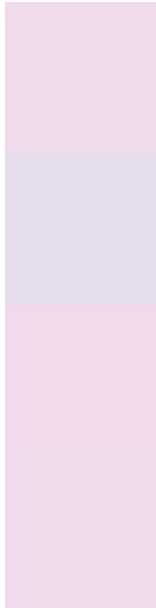
76.6847, 75.0182, 89.0355



Tritanopia

76.4070, 75.2444, 89.8534

Trichromacy



Original Color

76.2621, 75.1865, 89.0903

Protanomaly

74.0405, 75.1800, 90.7296

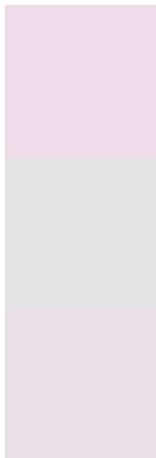
Deuteranomaly

76.3424, 74.8417, 89.0195

Tritanomaly

76.4070, 75.2444, 89.8534

Monochromacy



Original Color

76.2621, 75.1865, 89.0903

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.2173, 76.1803, 85.6555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2621, 75.1865, 89.0903 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(240, 219, 235) looks like.

```
.text, #text, p{  
    color:rgb(240, 219, 235)  
}
```

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(240, 219, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 219, 235) }
```

Border

The CSS property to change the border of an element to XYZ 76.2621, 75.1865, 89.0903 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(240, 219, 235) }
```


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

```
.border{ border-color:rgb(240, 219, 235) }
```

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

Here you see how a box with a 4 pixel rgb(240, 219, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 219, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 219, 235);  
box-shadow:4px 4px 4px 4px rgb(240, 219,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2621, 75.1865, 89.0903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 219, 235) }
```

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

```
.background{ background-color: rgb(240,  
219, 235) }
```

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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