

Converting Colors

XYZ(76.9139, 76.8754, 90.0911)

Have a look what the booklet for
XYZ(76.9139, 76.8754, 90.0911)
contains.

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Color

**XYZ(77.1246, 77.1822,
90.1896)**

Conversions

Conversions Part 1

Format	Color
Hex	EFD FEC
RGB	239, 223, 236
RGB Percent	94%, 87%, 93%
CMY	0.0627, 0.1255, 0.0745
CMYK	0.00, 0.07, 0.01, 0.06
HSL	311°, 33%, 91%
HSV	311°, 7%, 94%
XYZ	77.1246, 77.1822, 90.1896
YIQ	229.2660, 5.3630, 7.4350

Conversions

Conversions Part 2

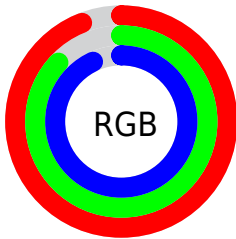
Format	Color
R_{YB}	239, 223, 236
Decimal	15720428
CIE Lab	90.41, 7.72, -4.37
CIE LCh	90, 8.868, 330.469
Yxy	77.1822, 0.3154, 0.3157
Android (android.graphics.Color)	4293910508 (0xFFEFD FEC)
YUV	229.2660, 3.3199, 8.5367
Hunter-Lab	87.8534, 2.9578, 0.6307

Details

The XYZ color **77.1246, 77.1822, 90.1896** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.0283, 82.9141, 84.0052**, and the grayscale version is **74.6474, 78.5349, 85.5245**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.7693, 41.3678, 48.9633** is the 20% darker color. If you saturate the color by 10%, you get **70.5420, 65.0453, 84.8232**, and if you desaturate by 10%, it is **84.6293, 91.1350, 95.9459**.

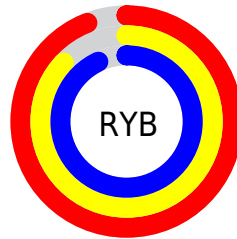
Distribution



Red (94%)

Green (87%)

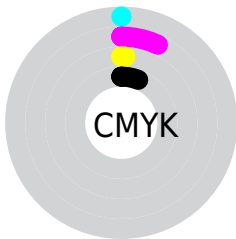
Blue (93%)



Red (94%)

Yellow (87%)

Blue (93%)

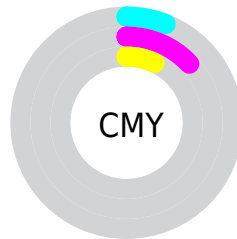


Cyan (0%)

Magenta (7%)

Yellow (1%)

Black (6%)



Cyan (6%)

Magenta (13%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.1246, 77.1822, 90.1896 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 77.1246, 77.1822, 90.1896 by changing the saturation by 10% instead.

77.1246, 77.1822,
90.1896

77.1246, 77.1822,
90.1896

474.0742,
485.3850, 549.2334

57.6554, 57.4024,
67.5633

128.2873,
129.3966, 149.5395

41.7739, 41.3284,
49.0781

160.7115,
162.6001, 187.1003

29.1146, 28.5758,
34.3154

198.1847,
201.0469, 230.4763

19.3123, 18.7602,
22.8567

241.0724,
245.1215, 280.0860

12.0015, 11.4971,
14.2834

289.7398,
295.2082, 336.3480

6.8169, 6.4022,
8.1770

344.5523,

3.3932, 3.0912,

351.6914, 399.6809

4.1190

405.8753,
414.9555, 470.5032

■ 1.3649, 1.1795,
1.6909

■ 0.2310, 0.0449,
0.3545

■ 77.1246, 77.1822,
90.1896

■ 77.1246, 77.1822,
90.1896

■ 70.5420, 65.0453,
84.8232

■ 84.6293, 91.1350,
95.9459

■ 64.8372, 54.6390,
79.8285

■ 87.8334, 96.4615,
100.3490

■ 59.9721, 45.8862,
75.1932

■ 88.5261, 96.7386,
103.9967

■ 55.9031, 38.7003,
70.9022

■ 89.2355, 97.0224,
107.7324

■ 52.5829, 32.9863,
66.9390

■ 89.4071, 97.0910,
108.6359

■ 49.9587, 28.6393,
63.2855

■ 47.9711, 25.5404,
59.9213

■ 46.5502, 23.5503,
56.8225

■ 45.6079, 22.4926,
53.9589

Harmonies

Analogous

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



75.5384, 77.1822, 94.9862



77.1246, 77.1822, 90.1896



77.6975, 77.1822, 83.9386

Triad

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



77.1246, 77.1822, 90.1896



73.3246, 77.1822, 72.4311



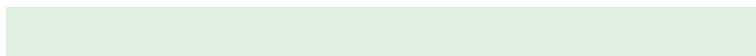
69.7524, 77.1822, 90.3708

Complementary

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



77.1246, 77.1822, 90.1896



75.0283, 82.9141, 84.0052

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.



69.1858, 77.1822, 84.1381



77.1246, 77.1822, 90.1896



71.2227, 77.1822, 73.9656

Square

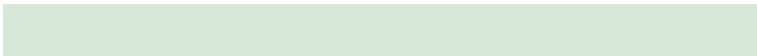
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.1246, 77.1822, 90.1896



75.4769, 77.1822, 73.8741



69.7187, 77.1822, 78.1732



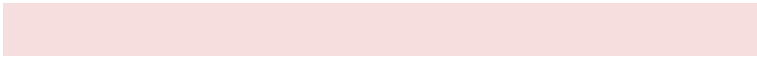
71.2818, 77.1822, 95.0945

Rectangle

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



77.1246, 77.1822, 90.1896



77.4188, 77.1822, 79.8481



69.7187, 77.1822, 78.1732



69.4444, 77.1822, 88.3726

Sweetspot

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



77.1268, 77.1855, 90.1913



93.2909, 96.7276, 107.5558



73.3140, 75.1692, 92.3076



19.9865, 20.7380, 23.0355



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.



77.1268, 77.1855, 90.1913



88.2740, 87.4239, 103.6326



75.9997, 76.7347, 84.2561



16.3197, 15.9776, 19.2397



25.1095, 12.3162, 29.5570



2.1214, 1.0376, 2.6299

Inverse Universe

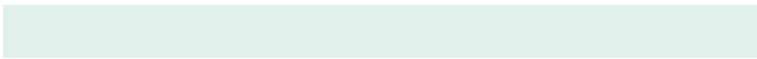
The Inverse Universe completely reimagines the original color for something new.



77.1268, 77.1855, 90.1913



88.2740, 87.4239, 103.6326



76.1422, 83.3596, 89.8707



16.3197, 15.9776, 19.2397



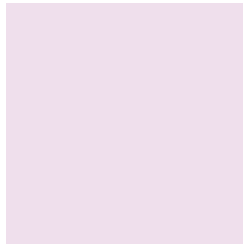
25.1095, 12.3162, 29.5570



2.1214, 1.0376, 2.6299

Previews

White Background



This preview shows how the XYZ color 77.1246, 77.1822, 90.1896 looks on a white background.

Color Contrast Check

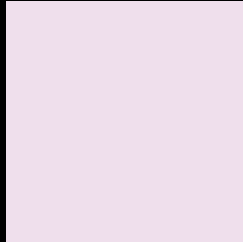
Large Text (above 18pt) WCAG AA × Fail

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 77.1246, 77.1822, 90.1896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

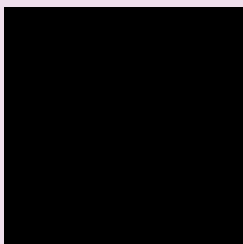
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.1246, 77.1822, 90.1896

Background



This preview shows how black text looks on a background with the XYZ color 77.1246, 77.1822, 90.1896.



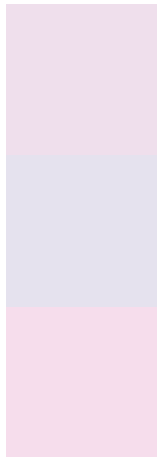
This preview shows how white text looks on a background with the XYZ color 77.1246, 77.1822,

90.1896.

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

77.1246, 77.1822, 90.1896

Protanopia

74.9421, 77.2238, 91.8447

Deuteranopia

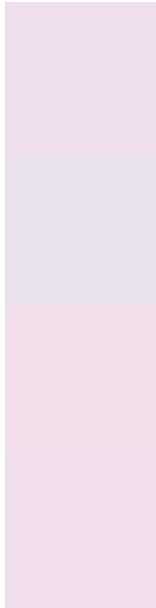
79.0028, 77.3619, 90.1253



Tritanopia

77.7846, 77.0591, 93.2123

Trichromacy



Original Color

77.1246, 77.1822, 90.1896

Protanomaly

75.8155, 77.2885, 91.0430

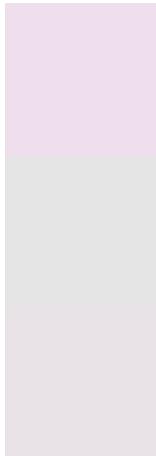
Deuteranomaly

78.2237, 77.3534, 90.1647

Tritanomaly

77.6364, 76.9998, 92.4319

Monochromacy



Original Color

77.1246, 77.1822, 90.1896

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.6388, 78.0880, 87.4298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.1246, 77.1822, 90.1896 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(239, 223, 236) looks like.

```
.text, #text, p{  
    color:rgb(239, 223, 236)  
}
```

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(239, 223, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 223, 236) }
```

Border

The CSS property to change the border of an element to XYZ 77.1246, 77.1822, 90.1896 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(239, 223, 236) }
```


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

```
.border{ border-color:rgb(239, 223, 236) }
```

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

Here you see how a box with a 4 pixel rgb(239, 223, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 223, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 223, 236);  
box-shadow:4px 4px 4px 4px rgb(239, 223,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 77.1246, 77.1822, 90.1896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 223, 236) }
```

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

```
.background{ background-color: rgb(239,  
223, 236) }
```

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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