

Converting Colors

XYZ(76.0200, 76.9768, 91.7402)

Have a look what the booklet for
XYZ(76.0200, 76.9768, 91.7402)
contains.

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Color

**XYZ(76.0200, 76.9768,
91.7402)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE0EE
RGB	234, 224, 238
RGB Percent	92%, 88%, 93%
CMY	0.0823, 0.1215, 0.0667
CMYK	0.02, 0.06, 0.00, 0.07
HSL	283°, 29%, 91%
HSV	283°, 6%, 93%
XYZ	76.0200, 76.9768, 91.7402
YIQ	228.5860, 1.4660, 6.4740

Conversions

Conversions Part 2

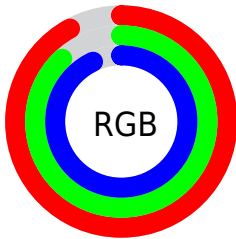
Format	Color
R_{YB}	234, 224, 238
Decimal	15393006
CIE Lab	90.31, 5.89, -5.60
CIE LCh	90, 8.128, 316.405
Yxy	76.9768, 0.3106, 0.3145
Android (android.graphics.Color)	4293583086 (0xFFEAE0EE)
YUV	228.5860, 4.6411, 4.7481
Hunter-Lab	87.7364, 1.1242, -0.5802

Details

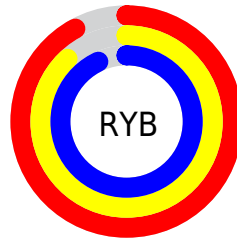
The XYZ color **76.0200, 76.9768, 91.7402** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.0268, 83.0268, 82.5436**, and the grayscale version is **74.1403, 78.0013, 84.9435**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9916, 41.2183, 50.0514** is the 20% darker color. If you saturate the color by 10%, you get **67.8765, 63.9404, 89.6543**, and if you desaturate by 10%, it is **85.1490, 91.8546, 94.1319**.

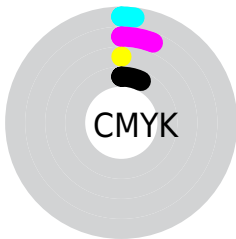
Distribution



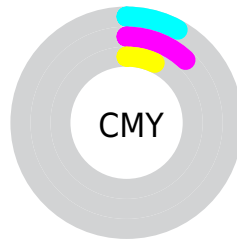
- Red (92%)
- Green (88%)
- Blue (93%)



- Red (92%)
- Yellow (88%)
- Blue (93%)



- Cyan (2%)
- Magenta (6%)
- Yellow (0%)
- Black (7%)



- Cyan (8%)
- Magenta (12%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.0200, 76.9768, 91.7402 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 76.0200, 76.9768, 91.7402 by changing the saturation by 10% instead.

76.0200, 76.9768,
91.7402

76.0200, 76.9768,
91.7402

470.3595,
484.6849, 554.3910

56.7460, 57.2338,
68.8430

126.7354,
129.1067, 151.7098

41.0407, 41.1930,
50.1129

158.9075,
162.2625, 189.6194

28.5387, 28.4699,
35.1313

196.1097,
200.6580, 233.3701

18.8747, 18.6802,
23.4797

238.7073,
244.6775, 283.3807

11.6832, 11.4394,
14.7395

287.0658,
294.7056, 340.0695

6.5990, 6.3632,
8.4922

341.5504,

3.2567, 3.0672,

351.1266, 403.8551

4.3192

402.5265,
414.3249, 475.1561

■ 1.2909, 1.1669,
1.8020

■ 0.1764, 0.0344,
0.4293

■ 76.0200, 76.9768,
91.7402

■ 76.0200, 76.9768,
91.7402

■ 67.8765, 63.9404,
89.6543

■ 85.1490, 91.8546,
94.1319

■ 60.6739, 52.6609,
87.8567

■ 89.7642, 97.5774,
94.9933

■ 54.3738, 43.0622,
86.3361

■ 92.2146, 98.8406,
95.1080

■ 48.9326, 35.0584,
85.0779

■ 92.4328, 98.9531,
95.1182

■ 44.3029, 28.5559,
84.0669

■ 40.4322, 23.4514,
83.2856

■ 37.2611, 19.6278,
82.7147

■ 34.7209, 16.9489,
82.3315

■ 32.7263, 15.2462,
82.1080

Harmonies

Analogous

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



74.2692, 76.9768, 94.9715



76.0200, 76.9768, 91.7402



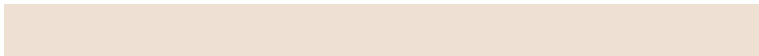
77.0137, 76.9768, 86.4627

Triad

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



76.0200, 76.9768, 91.7402



74.0830, 76.9768, 73.4380



69.4928, 76.9768, 87.0032

Complementary

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



76.0200, 76.9768, 91.7402



76.0268, 83.0268, 82.5436

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.



69.4450, 76.9768, 81.2212



76.0200, 76.9768, 91.7402



72.0701, 76.9768, 73.5677

Square

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



76.0200, 76.9768, 91.7402



75.8816, 76.9768, 75.9964



70.3807, 76.9768, 76.3592



70.5124, 76.9768, 92.1515

Rectangle

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



76.0200, 76.9768, 91.7402



77.1015, 76.9768, 82.5769



70.3807, 76.9768, 76.3592



69.3632, 76.9768, 85.0647

Sweetspot

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



76.0222, 76.9801, 91.7419



92.9104, 96.5137, 108.3398



73.9746, 77.6206, 91.9734



19.9091, 20.6944, 23.1951



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.



76.0222, 76.9801, 91.7419



87.7658, 88.1806, 107.0025



76.9421, 77.5015, 89.6545



16.3362, 16.3504, 20.0165



17.9905, 8.2798, 45.7778



1.5940, 0.7390, 3.8128

Inverse Universe

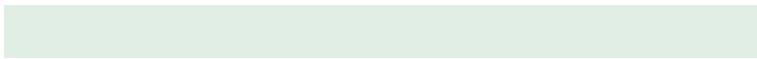
The Inverse Universe completely reimagines the original color for something new.



75.9218, 77.0934, 84.2815



87.6324, 88.3412, 96.6350



75.1553, 82.5333, 84.5012



16.3099, 16.3831, 17.9260



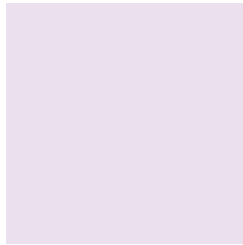
20.3019, 10.3932, 4.2403



1.7302, 0.8811, 0.5703

Previews

White Background



This preview shows how the XYZ color 76.0200, 76.9768, 91.7402 looks on a white background.

Color Contrast Check

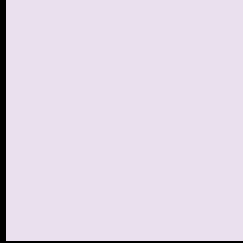
Large Text (above 18pt) WCAG AA × Fail

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 76.0200, 76.9768, 91.7402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

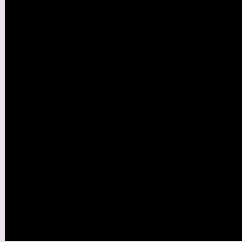
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

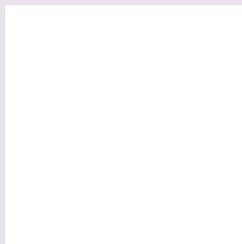
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.0200, 76.9768, 91.7402

Background



This preview shows how black text looks on a background with the XYZ color 76.0200, 76.9768, 91.7402.



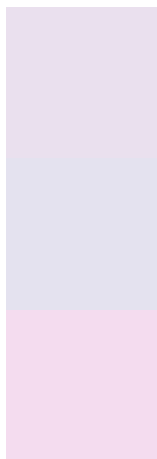
This preview shows how white text looks on a background with the XYZ color 76.0200, 76.9768,

91.7402.

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

76.0200, 76.9768, 91.7402

Protanopia

74.7713, 77.1187, 92.6059

Deuteranopia

78.4814, 76.6515, 92.3202



Tritanopia

76.4645, 77.1546, 94.0813

Trichromacy



Original Color

76.0200, 76.9768, 91.7402

Protanomaly

75.1383, 76.9054, 92.5454

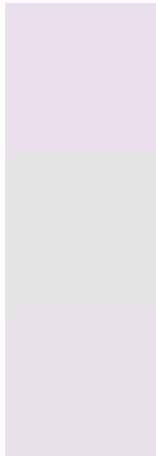
Deuteranomaly

77.3716, 76.4702, 92.3436

Tritanomaly

76.3155, 77.0950, 93.2966

Monochromacy



Original Color

76.0200, 76.9768, 91.7402

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.9896, 77.7533, 87.3994

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0200, 76.9768, 91.7402 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(234, 224, 238) looks like.

```
.text, #text, p{  
    color:rgb(234, 224, 238)  
}
```

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(234, 224, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 224, 238) }
```

Border

The CSS property to change the border of an element to XYZ 76.0200, 76.9768, 91.7402 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(234, 224, 238) }
```


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

```
.border{ border-color:rgb(234, 224, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 224, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 224, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 224, 238);  
box-shadow:4px 4px 4px 4px rgb(234, 224,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0200, 76.9768, 91.7402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 224, 238) }
```

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

```
.background{ background-color: rgb(234,  
224, 238) }
```

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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