

Converting Colors

XYZ(75.1348, 75.5715, 89.8461)

Have a look what the booklet for
XYZ(75.1348, 75.5715, 89.8461)
contains.

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Color

**XYZ(75.1933, 75.7911,
90.0229)**

Conversions

Conversions Part 1

Format	Color
Hex	EADEEC
RGB	234, 222, 236
RGB Percent	92%, 87%, 93%
CMY	0.0823, 0.1294, 0.0745
CMYK	0.01, 0.06, 0.00, 0.07
HSL	291°, 27%, 90%
HSV	291°, 6%, 93%
XYZ	75.1933, 75.7911, 90.0229
YIQ	227.1840, 2.6580, 6.8980

Conversions

Conversions Part 2

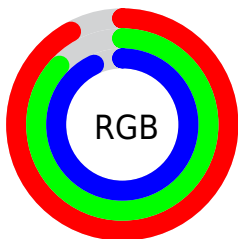
Format	Color
RYB	234, 222, 236
Decimal	15392492
CIELab	89.76, 6.56, -5.36
CIELCh	90, 8.476, 320.738
Yxy	75.7911, 0.3120, 0.3145
Android (android.graphics.Color)	4293582572 (0xFFEADDEEC)
YUV	227.1840, 4.3463, 5.9776
Hunter-Lab	87.0581, 1.8213, -0.3685

Details

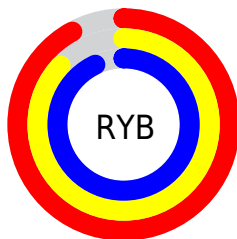
The XYZ color **75.1933, 75.7911, 90.0229** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.9235, 81.1141, 80.8715**, and the grayscale version is **73.1174, 76.9252, 83.7715**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4170, 40.3977, 48.8473** is the 20% darker color. If you saturate the color by 10%, you get **68.2630, 63.5573, 88.0279**, and if you desaturate by 10%, it is **83.0264, 89.7970, 92.3146**.

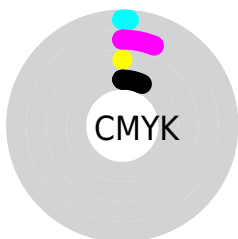
Distribution



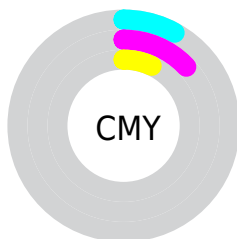
- Red (92%)
- Green (87%)
- Blue (93%)



- Red (92%)
- Yellow (87%)
- Blue (93%)



- Cyan (1%)
- Magenta (6%)
- Yellow (0%)
- Black (7%)



- Cyan (8%)
- Magenta (13%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.1933, 75.7911, 90.0229 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 75.1933, 75.7911, 90.0229 by changing the saturation by 10% instead.

75.1933, 75.7911,
90.0229

75.1933, 75.7911,
90.0229

467.5686,
480.6323, 548.6774

56.0660, 56.2612,
67.4258

125.5724,
127.4316, 149.3060

40.4930, 40.4124,
48.9670

157.5549,
160.3110, 186.8291

28.1091, 27.8602,
34.2279

194.5532,
198.4090, 230.1646

18.5488, 18.2203,
22.7899

236.9326,
242.1100, 279.7311

11.4468, 11.1083,
14.2346

285.0585,
291.7985, 335.9471

6.4377, 6.1397,
8.1434

339.2962,

3.1562, 2.9302,

347.8587, 399.2311

4.0978

400.0112,
410.6752, 470.0017

■ 1.2369, 1.0954,
1.6791

■ 0.1352, 0.0000,
0.3464

■ 75.1933, 75.7911,
90.0229

■ 75.1933, 75.7911,
90.0229

■ 68.2630, 63.5573,
88.0279

■ 83.0264, 89.7970,
92.3146

■ 62.1925, 53.0132,
86.3127

■ 87.0894, 96.2323,
93.3426

■ 56.9452, 44.0845,
84.8658

■ 88.2497, 96.8304,
93.3969

■ 52.4791, 36.6876,
83.6735

■ 89.4313, 97.4396,
93.4522

■ 48.7486, 30.7312,
82.7204

■ 90.6345, 98.0598,
93.5085

■ 45.7032, 26.1144,
81.9898

■ 91.8593, 98.6912,
93.5658

■ 43.2856, 22.7232,
81.4626

■ 92.1405, 98.8362,
93.5790

■ 41.4292, 20.4243,
81.1167

■ 40.0516, 19.0531,
80.9247

Harmonies

Analogous

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



73.4694, 75.7911, 93.7605



75.1933, 75.7911, 90.0229



76.0762, 75.7911, 84.3897

Triad

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



75.1933, 75.7911, 90.0229



72.6858, 75.7911, 71.6789



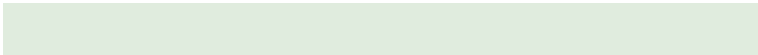
68.3443, 75.7911, 86.6659

Complementary

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



75.1933, 75.7911, 90.0229



73.9235, 81.1141, 80.8715

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.



68.1437, 75.7911, 80.6853



75.1933, 75.7911, 90.0229



70.6237, 75.7911, 72.2225

Square

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



75.1933, 75.7911, 90.0229



74.6102, 75.7911, 73.9304



68.9706, 75.7911, 75.4528



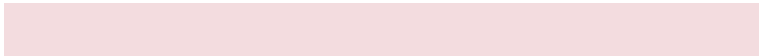
69.5240, 75.7911, 91.7582

Rectangle

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



75.1933, 75.7911, 90.0229



76.0576, 75.7911, 80.3980



68.9706, 75.7911, 75.4528



68.1610, 75.7911, 84.6864

Sweetspot

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



75.1955, 75.7944, 90.0245



93.1770, 96.6511, 108.3523



71.9502, 74.9543, 90.0335



19.9633, 20.7224, 23.1976



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.



75.1955, 75.7944, 90.0245



88.6855, 88.6548, 107.0456



75.1536, 75.8539, 86.3577



15.7793, 15.7090, 19.1227



21.8980, 10.3247, 44.5817



1.7775, 0.8406, 3.5034

Inverse Universe

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



74.1705, 75.4607, 81.1809



87.2513, 88.1888, 94.6285



73.9736, 81.0630, 84.3515



15.5044, 15.6198, 16.7383



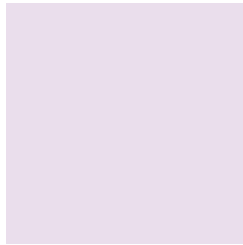
19.2528, 9.9038, 1.8665



1.5392, 0.7886, 0.2908

Previews

White Background



This preview shows how the XYZ color 75.1933, 75.7911, 90.0229 looks on a white background.

Color Contrast Check

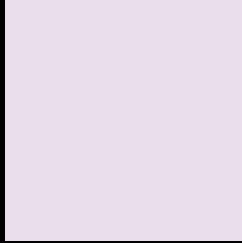
Large Text (above 18pt) WCAG AA × Fail

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 75.1933, 75.7911, 90.0229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

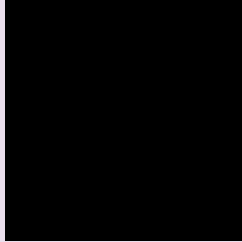
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

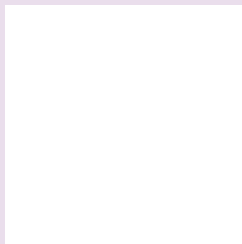
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.1933, 75.7911, 90.0229

Background



This preview shows how black text looks on a background with the XYZ color 75.1933, 75.7911, 90.0229.



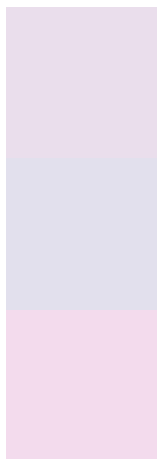
This preview shows how white text looks on a background with the XYZ color 75.1933, 75.7911,

90.0229.

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

75.1933, 75.7911, 90.0229

Protanopia

73.3057, 75.5945, 90.8483

Deuteranopia

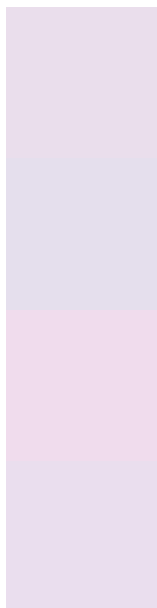
77.5797, 75.8321, 90.6689



Tritanopia

75.6329, 75.9670, 92.3382

Trichromacy



Original Color

75.1933, 75.7911, 90.0229

Protanomaly

73.9868, 75.5478, 90.8034

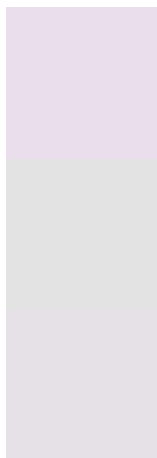
Deuteranomaly

76.8144, 75.8261, 90.7081

Tritanomaly

75.4856, 75.9080, 91.5621

Monochromacy



Original Color

75.1933, 75.7911, 90.0229

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.8413, 76.3866, 85.7151

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1933, 75.7911, 90.0229 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, 222, 236) looks like.

```
.text, #text, p{  
    color:rgb(234, 222, 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(234, 222, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 222, 236) }
```

Border

The CSS property to change the border of an element to XYZ 75.1933, 75.7911, 90.0229 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, 222, 236) }
```


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

```
.border{ border-color:rgb(234, 222, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 222, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 222, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 222, 236);  
box-shadow:4px 4px 4px 4px rgb(234, 222,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1933, 75.7911, 90.0229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 222, 236) }
```

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

```
.background{ background-color: rgb(234,  
222, 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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