

Converting Colors

XYZ(76.3379, 75.9543, 91.5261)

Have a look what the booklet for
XYZ(76.3379, 75.9543, 91.5261)
contains.

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Color

**XYZ(76.2141, 75.8905,
91.5203)**

Conversions

Conversions Part 1

Format	Color
Hex	EDDDEE
RGB	237, 221, 238
RGB Percent	93%, 87%, 93%
CMY	0.0706, 0.1333, 0.0667
CMYK	0.00, 0.07, 0.00, 0.07
HSL	296°, 33%, 90%
HSV	296°, 7%, 93%
XYZ	76.2141, 75.8905, 91.5203
YIQ	227.7220, 4.0790, 8.6790

Conversions

Conversions Part 2

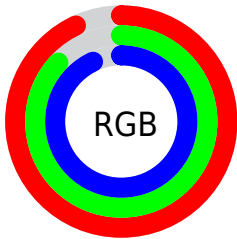
Format	Color
R _Y B	237, 221, 238
Decimal	15588846
CIE Lab	89.81, 8.45, -6.32
CIE LCh	90, 10.549, 323.197
Yxy	75.8905, 0.3128, 0.3115
Android (android.graphics.Color)	4293778926 (0xFFEDDDEE)
YUV	227.7220, 5.0671, 8.1368
Hunter-Lab	87.1152, 3.7121, -1.3075

Details

The XYZ color **76.2141, 75.8905, 91.5203** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.7527, 81.9011, 80.3318**, and the grayscale version is **73.5037, 77.3316, 84.2141**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1358, 40.4736, 49.9001** is the 20% darker color. If you saturate the color by 10%, you get **69.9056, 63.9637, 89.5518**, and if you desaturate by 10%, it is **83.4214, 89.6072, 93.7892**.

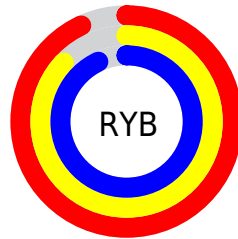
Distribution



Red (93%)

Green (87%)

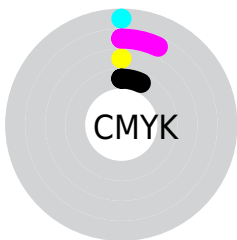
Blue (93%)



Red (93%)

Yellow (87%)

Blue (93%)

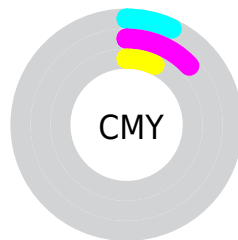


Cyan (0%)

Magenta (7%)

Yellow (0%)

Black (7%)



Cyan (7%)

Magenta (13%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.2141, 75.8905, 91.5203 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 76.2141, 75.8905, 91.5203 by changing the saturation by 10% instead.

76.2141, 75.8905,
91.5203

76.2141, 75.8905,
91.5203

471.0134,
480.9728, 553.6612

56.9058, 56.3427,
68.6615

127.0082,
127.5721, 151.4023

41.1694, 40.4778,
49.9660

159.2248,
160.4747, 189.2625

28.6397, 27.9113,
35.0154

196.4747,
198.5978, 232.9603

18.9514, 18.2588,
23.3911

239.1235,
242.3256, 282.9141

11.7389, 11.1359,
14.6745

287.5363,
292.0426, 339.5426

6.6371, 6.1583,
8.4472

342.0787,

3.2805, 2.9416,

348.1332, 403.2643

4.2906

403.1160,
410.9818, 474.4976

■ 1.3038, 1.1013,
1.7861

■ 0.1860, 0.0000,
0.4187

■ 76.2141, 75.8905,
91.5203

■ 76.2141, 75.8905,
91.5203

■ 69.9056, 63.9637,
89.5518

■ 83.4214, 89.6072,
93.7892

■ 64.4519, 53.7424,
87.8664

■ 87.0608, 96.1838,
94.8667

■ 59.8155, 45.1501,
86.4522

■ 87.5376, 96.4295,
94.8891

■ 55.9531, 38.1006,
85.2951

■ 88.0180, 96.6772,
94.9115

52.8178, 32.4998,
84.3793

88.5021, 96.9267,
94.9342

50.3573, 28.2433,
83.6874

88.9898, 97.1782,
94.9570

48.5124, 25.2126,
83.1997

89.4813, 97.4316,
94.9800

47.2136, 23.2689,
82.8929

89.9765, 97.6869,
95.0032

46.3709, 22.2319,
82.7372

90.4754, 97.9441,
95.0265

Harmonies

Analogous

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



74.1212, 75.8905, 96.5206



76.2141, 75.8905, 91.5203



77.2168, 75.8905, 84.3415

Triad

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



76.2141, 75.8905, 91.5203



72.7262, 75.8905, 69.1995



67.6281, 75.8905, 88.4079

Complementary

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



76.2141, 75.8905, 91.5203



73.7527, 81.9011, 80.3318

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.



67.2748, 75.8905, 80.9454



76.2141, 75.8905, 91.5203



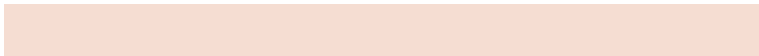
70.1780, 75.8905, 70.1438

Square

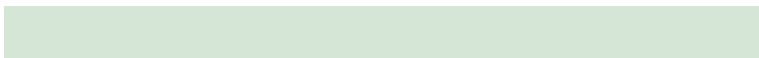
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.2141, 75.8905, 91.5203



75.1719, 75.8905, 71.6771



68.1976, 75.8905, 74.3384



69.1745, 75.8905, 94.6495

Rectangle

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



76.2141, 75.8905, 91.5203



77.1154, 75.8905, 79.4022



68.1976, 75.8905, 74.3384



67.3674, 75.8905, 85.9479

Sweetspot

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



76.2163, 75.8938, 91.5219



93.3342, 96.7322, 108.3597



71.4114, 73.8624, 91.3831



19.9953, 20.7389, 23.1991



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.



76.2163, 75.8938, 91.5219



87.6657, 85.9662, 106.5804



75.4908, 75.6423, 85.9541



16.3570, 15.9813, 19.9442



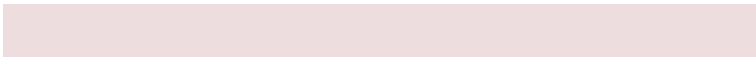
25.7988, 12.3051, 46.1433



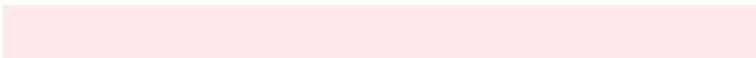
2.1739, 1.0380, 3.8400

Inverse Universe

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



74.3039, 75.1675, 79.7037



84.8759, 84.9075, 89.3063



74.4505, 82.1450, 85.6003



15.8105, 15.7739, 16.5583



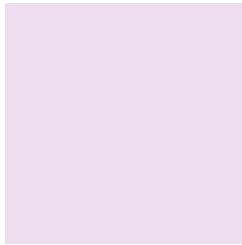
19.7307, 10.1647, 1.2327



1.6546, 0.8509, 0.1718

Previews

White Background



This preview shows how the XYZ color 76.2141, 75.8905, 91.5203 looks on a white background.

Color Contrast Check

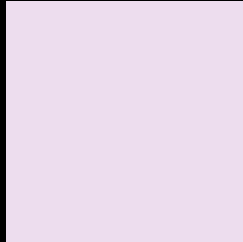
Large Text (above 18pt) WCAG AA × Fail

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 76.2141, 75.8905, 91.5203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

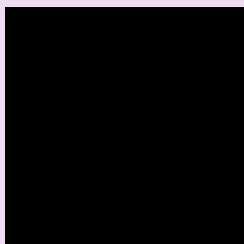
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

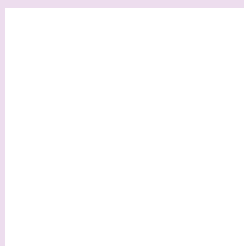
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.2141, 75.8905, 91.5203

Background



This preview shows how black text looks on a background with the XYZ color 76.2141, 75.8905, 91.5203.



This preview shows how white text looks on a background with the XYZ color 76.2141, 75.8905,

91.5203.

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

76.2141, 75.8905, 91.5203

Protanopia

73.7479, 75.7713, 93.1765

Deuteranopia

77.3821, 75.7133, 91.4246



Tritanopia

76.2141, 75.8905, 91.5203

Trichromacy



Original Color

76.2141, 75.8905, 91.5203

Protanomaly

74.6008, 75.8303, 92.3662

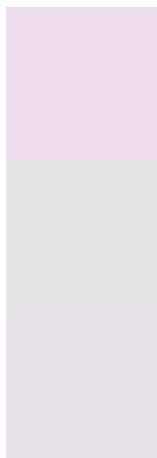
Deuteranomaly

76.9610, 75.8847, 91.4799

Tritanomaly

76.2141, 75.8905, 91.5203

Monochromacy



Original Color

76.2141, 75.8905, 91.5203

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.4457, 76.6655, 87.2182

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2141, 75.8905, 91.5203 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(237, 221, 238)` looks like.

```
.text, #text, p{  
    color:rgb(237, 221, 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(237, 221, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 221, 238) }
```

Border

The CSS property to change the border of an element to XYZ 76.2141, 75.8905, 91.5203 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(237, 221, 238) }
```


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

```
.border{ border-color:rgb(237, 221, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 221, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 221, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 221, 238);  
box-shadow:4px 4px 4px 4px rgb(237, 221,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2141, 75.8905, 91.5203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 221, 238) }
```

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

```
.background{ background-color: rgb(237,  
221, 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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