

Converting Colors

XYZ(61.7946, 51.1430, 73.8886)

Have a look what the booklet for
XYZ(61.7946, 51.1430, 73.8886)
contains.

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Color

**XYZ(61.7139, 51.1243,
73.6331)**

Conversions

Conversions Part 1

Format	Color
Hex	EDA8DB
RGB	237, 168, 219
RGB Percent	93%, 66%, 86%
CMY	0.0706, 0.3412, 0.1412
CMYK	0.00, 0.29, 0.08, 0.07
HSL	316°, 66%, 79%
HSV	316°, 29%, 93%
XYZ	61.7139, 51.1243, 73.6331
YIQ	194.4450, 24.7530, 30.4890

Conversions

Conversions Part 2

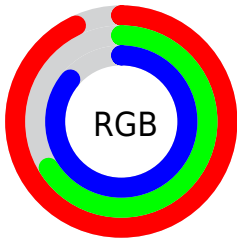
Format	Color
R_{YB}	237, 168, 219
Decimal	15575259
CIE _{Lab}	76.75, 33.16, -15.63
CIE _{LCh}	77, 36.659, 334.765
Yxy	51.1243, 0.3310, 0.2742
Android (android.graphics.Color)	4293765339 (0xFFEDA8DB)
YUV	194.4450, 12.1056, 37.3207
Hunter-Lab	71.5013, 28.9391, -11.0069

Details

The XYZ color **61.7139, 51.1243, 73.6331** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.2977, 72.4400, 57.5255**, and the grayscale version is **51.4634, 54.1435, 58.9622**.

A 20% lighter version of the original color is **85.9457, 81.7913, 105.8652**, and **31.6540, 24.6451, 38.2106** is the 20% darker color. If you saturate the color by 10%, you get **56.9322, 42.8388, 68.0977**, and if you desaturate by 10%, it is **67.3263, 61.0212, 79.5957**.

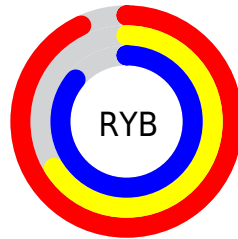
Distribution



Red (93%)

Green (66%)

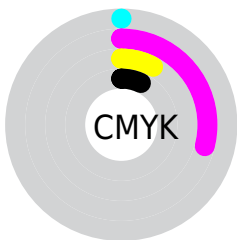
Blue (86%)



Red (93%)

Yellow (66%)

Blue (86%)

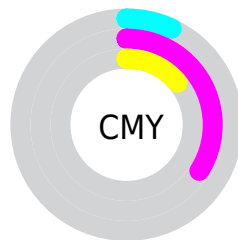


Cyan (0%)

Magenta (29%)

Yellow (8%)

Black (7%)



Cyan (7%)


Magenta (34%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.7139, 51.1243, 73.6331 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 61.7139, 51.1243, 73.6331 by changing the saturation by 10% instead.


 61.7139, 51.1243,
73.6331


 61.7139, 51.1243,
73.6331


420.6209,
391.0465, 492.3356

 45.0563, 36.3075,
53.9988


 106.4042, 91.8385,
126.1048

 31.7032, 24.6718,
38.2076


 135.1676,
118.5047, 159.7793

 21.2894, 15.8327,
25.8407


168.6970,
149.8895, 198.9710

 13.4494, 9.4059,
16.4798

207.3577,
186.3773, 244.0983

 7.8178, 5.0068,
9.7063

251.5151,
228.3526, 295.5799

 4.0294, 2.2513,
5.1016

301.5345,

 1.7188, 0.7477,

276.1996, 353.8343

2.2472

357.7813,
330.3028, 419.2800

■ 0.4680, 0.0000,
0.7014

■ 0.0000, 0.0000,
0.0000

■ 61.7139, 51.1243,
73.6331

■ 61.7139, 51.1243,
73.6331

■ 56.9322, 42.8388,
68.0977

■ 67.3263, 61.0212,
79.5957

■ 52.9328, 36.0709,
62.9701

■ 73.8051, 72.6029,
85.9973

■ 49.6696, 30.7279,
58.2339

■ 81.1896, 85.9465,
92.8532

■ 47.0893, 26.7039,
53.8697

■ 86.9741, 96.0402,
99.3295

■ 45.1313, 23.8784,
49.8555

■ 87.9277, 96.4216,
104.3509

■ 43.7239, 22.1083,
46.1658

■ 88.7355, 96.7447,
108.6045

■ 42.7570, 21.1739,
42.7622

■ 42.6800, 21.1066,
42.4695

Harmonies

Analogous

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



56.6195, 51.1243, 93.4076



61.7139, 51.1243, 73.6331



63.1670, 51.1243, 52.5457

Triad

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



61.7139, 51.1243, 73.6331



47.4901, 51.1243, 25.5678



38.4177, 51.1243, 80.4720

Complementary

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



61.7139, 51.1243, 73.6331



55.2977, 72.4400, 57.5255

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.



36.4516, 51.1243, 58.9068



61.7139, 51.1243, 73.6331



41.3617, 51.1243, 29.7680

Square

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



61.7139, 51.1243, 73.6331



54.5164, 51.1243, 27.7216



37.4761, 51.1243, 40.8882



43.1133, 51.1243, 97.9707

Rectangle

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



61.7139, 51.1243, 73.6331



61.7682, 51.1243, 41.1201



37.4761, 51.1243, 40.8882



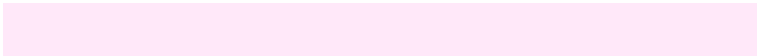
37.4372, 51.1243, 73.2910

Sweetspot

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



61.7154, 51.1266, 73.6342



87.2115, 85.8417, 101.6054



49.3590, 44.4678, 86.1034



18.4134, 17.9183, 21.5042



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.



61.7154, 51.1266, 73.6342



69.3559, 54.2517, 82.9485



57.7130, 49.5256, 52.5575



15.5373, 15.2428, 18.1145



23.3580, 11.5459, 23.4845



1.8732, 0.9222, 2.0495

Inverse Universe

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



61.7154, 51.1266, 73.6342



69.3559, 54.2517, 82.9485



59.3197, 74.0487, 78.7047



15.5373, 15.2428, 18.1145



23.3580, 11.5459, 23.4845



1.8732, 0.9222, 2.0495

Previews

White Background



This preview shows how the XYZ color 61.7139, 51.1243, 73.6331 looks on a white background.

Color Contrast Check

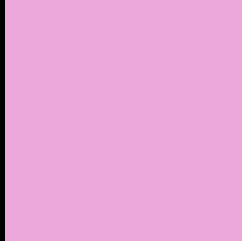
Large Text (above 18pt) WCAG AA × Fail

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 61.7139, 51.1243, 73.6331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

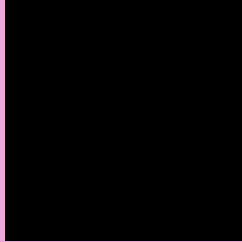
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.7139, 51.1243, 73.6331

Background



This preview shows how black text looks on a background with the XYZ color 61.7139, 51.1243, 73.6331.



This preview shows how white text looks on a background with the XYZ color 61.7139, 51.1243,

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

61.7139, 51.1243, 73.6331

Protanopia

51.3711, 51.4959, 83.5761

Deuteranopia

52.5086, 51.3916, 72.1178



Tritanopia

57.7100, 51.1836, 53.8515

Trichromacy



Original Color

61.7139, 51.1243, 73.6331



Protanomaly

54.4764, 51.0113, 79.6480



Deuteranomaly

55.5085, 51.0988, 72.5831



Tritanomaly

58.9930, 51.1210, 60.7909

Monochromacy



Original Color

61.7139, 51.1243, 73.6331



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

54.7068, 52.7114, 63.7909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7139, 51.1243, 73.6331 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, 168, 219)` looks like.

```
.text, #text, p{  
    color:rgb(237, 168, 219)  
}
```

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, 168, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 168, 219) }
```

Border

The CSS property to change the border of an element to XYZ 61.7139, 51.1243, 73.6331 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, 168, 219) }
```


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

```
.border{ border-color:rgb(237, 168, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 168, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 168, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 168, 219);  
box-shadow:4px 4px 4px 4px rgb(237, 168,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7139, 51.1243, 73.6331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 168, 219) }
```

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

```
.background{ background-color: rgb(237,  
168, 219) }
```

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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