

Converting Colors

XYZ(61.7461, 50.5509, 75.6102)

Have a look what the booklet for
XYZ(61.7461, 50.5509, 75.6102)
contains.

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Color

**XYZ(61.7461, 50.5509,
75.6102)**

Conversions

Conversions Part 1

Format	Color
Hex	EDA6DE
RGB	237, 166, 222
RGB Percent	93%, 65%, 87%
CMY	0.0706, 0.3490, 0.1294
CMYK	0.00, 0.30, 0.06, 0.07
HSL	313°, 66%, 79%
HSV	313°, 30%, 93%
XYZ	61.7461, 50.5509, 75.6102
YIQ	193.6130, 24.3400, 32.4680

Conversions

Conversions Part 2

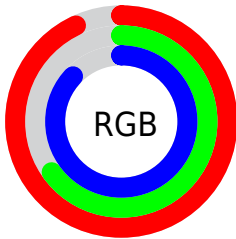
Format	Color
R _{YB}	237, 166, 222
Decimal	15574750
CIE _{Lab}	76.41, 34.74, -17.79
CIE _{LCh}	76, 39.025, 332.886
Yxy	50.5509, 0.3286, 0.2690
Android (android.graphics.Color)	4293764830 (0xFFEDA6DE)
YUV	193.6130, 13.9948, 38.0504
Hunter-Lab	71.0992, 30.5949, -13.2824

Details

The XYZ color **61.7461, 50.5509, 75.6102** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.3527, 72.0131, 54.7544**, and the grayscale version is **50.9609, 53.6148, 58.3865**.

A 20% lighter version of the original color is **85.4113, 80.7226, 105.6871**, and **31.7026, 24.3036, 39.5794** is the 20% darker color. If you saturate the color by 10%, you get **57.1675, 42.4512, 70.8221**, and if you desaturate by 10%, it is **67.1415, 60.2508, 80.7700**.

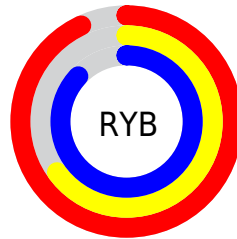
Distribution



Red (93%)

Green (65%)

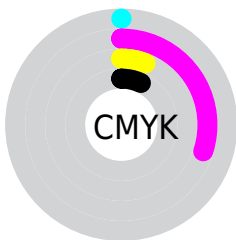
Blue (87%)



Red (93%)

Yellow (65%)

Blue (87%)

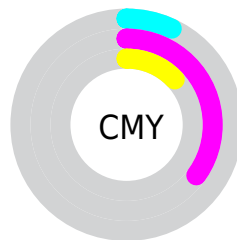


Cyan (0%)

Magenta (30%)

Yellow (6%)

Black (7%)



Cyan (7%)

Magenta (35%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.7461, 50.5509, 75.6102 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 61.7461, 50.5509, 75.6102 by changing the saturation by 10% instead.

61.7461, 50.5509,
75.6102

61.7461, 50.5509,
75.6102

420.7367,
388.8164, 499.3236

45.0824, 35.8513,
55.6082

106.4505, 90.9906,
128.9308

31.7239, 24.3194,
39.4870

135.2219,
117.4995, 163.0864

21.3052, 15.5707,
26.8280

168.7599,
148.7136, 202.7971

13.4610, 9.2209,
17.2128

207.4299,
185.0173, 248.4812

7.8259, 4.8855,
10.2228

251.5972,
226.7951, 300.5574

4.0346, 2.1803,
5.4394

301.6272,

1.7218, 0.7092,

274.4313, 359.4441

2.4441

357.8853,
328.3102, 425.5600

■ 0.4698, 0.0000,
0.8103

■ 0.0000, 0.0000,
0.0000

■ 61.7461, 50.5509,
75.6102

■ 61.7461, 50.5509,
75.6102

■ 57.1675, 42.4512,
70.8221

■ 67.1415, 60.2508,
80.7700

■ 53.3573, 35.8574,
66.3871

■ 73.3897, 71.6247,
86.3127

■ 50.2690, 30.6760,
62.2895

■ 80.5298, 84.7502,
92.2527

■ 47.8490, 26.8002,
58.5104

■ 86.7171, 95.9374,
97.9759

46.0362, 24.1079,
55.0286

87.4799, 96.2425,
101.9926

44.7577, 22.4538,
51.8189

88.2634, 96.5559,
106.1186

43.8908, 21.5927,
48.8396

88.7355, 96.7447,
108.6045

43.8873, 21.5895,
48.8268

Harmonies

Analogous

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



56.1306, 50.5509, 96.4724



61.7461, 50.5509, 75.6102



63.5774, 50.5509, 53.0300

Triad

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



61.7461, 50.5509, 75.6102



47.3396, 50.5509, 23.7222



37.1364, 50.5509, 80.0530

Complementary

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



61.7461, 50.5509, 75.6102



54.3527, 72.0131, 54.7544

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.



35.2773, 50.5509, 57.1029



61.7461, 50.5509, 75.6102



40.7796, 50.5509, 27.5834

Square

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



61.7461, 50.5509, 75.6102



54.7756, 50.5509, 26.3185



36.5408, 50.5509, 38.5884



41.8935, 50.5509, 99.4631

Rectangle

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



61.7461, 50.5509, 75.6102



62.2681, 50.5509, 40.7625



36.5408, 50.5509, 38.5884



36.1751, 50.5509, 72.3170

Sweetspot

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



61.7476, 50.5532, 75.6113



87.3897, 85.9130, 102.5436



47.7935, 43.1168, 85.9251



18.4575, 17.9359, 21.7364



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.



61.7476, 50.5532, 75.6113



69.4556, 53.5586, 85.7329



57.5649, 48.8801, 53.5854



15.5706, 15.2561, 18.2900



24.0104, 11.8068, 26.9196



1.9194, 0.9407, 2.2931

Inverse Universe

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



61.7476, 50.5532, 75.6113



69.4556, 53.5586, 85.7329



58.3678, 73.6192, 75.8979



15.5706, 15.2561, 18.2900



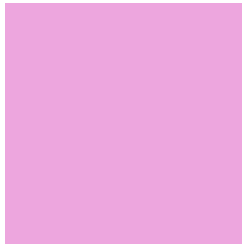
24.0104, 11.8068, 26.9196



1.9194, 0.9407, 2.2931

Previews

White Background



This preview shows how the XYZ color 61.7461, 50.5509, 75.6102 looks on a white background.

Color Contrast Check

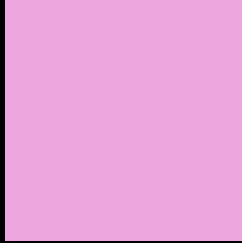
Large Text (above 18pt) WCAG AA × Fail

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 61.7461, 50.5509, 75.6102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

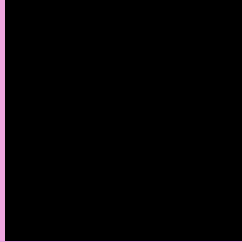
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.7461, 50.5509, 75.6102

Background



This preview shows how black text looks on a background with the XYZ color 61.7461, 50.5509, 75.6102.



This preview shows how white text looks on a background with the XYZ color 61.7461, 50.5509,

75.6102.

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

61.7461, 50.5509, 75.6102

Protanopia

51.0421, 50.9439, 86.4998

Deuteranopia

51.9190, 50.7329, 74.0738



Tritanopia

57.0852, 50.5881, 53.2101

Trichromacy



Original Color

61.7461, 50.5509, 75.6102



Protanomaly

54.0971, 50.1518, 82.4304



Deuteranomaly

54.9349, 50.1669, 74.4979



Tritanomaly

58.6152, 50.3654, 60.6650

Monochromacy



Original Color

61.7461, 50.5509, 75.6102



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

54.6179, 52.3423, 64.3511

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7461, 50.5509, 75.6102 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, 166, 222)` looks like.

```
.text, #text, p{  
    color:rgb(237, 166, 222)  
}
```

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, 166, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 166, 222) }
```

Border

The CSS property to change the border of an element to XYZ 61.7461, 50.5509, 75.6102 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, 166, 222) }
```


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

```
.border{ border-color:rgb(237, 166, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 166, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 166, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 166, 222);  
box-shadow:4px 4px 4px 4px rgb(237, 166,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7461, 50.5509, 75.6102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 166, 222) }
```

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

```
.background{ background-color: rgb(237,  
166, 222) }
```

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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