

Converting Colors

XYZ(62.1553, 54.5910, 76.7489)

Have a look what the booklet for
XYZ(62.1553, 54.5910, 76.7489)
contains.

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Color

**XYZ(62.2737, 54.7932,
77.1060)**

Conversions

Conversions Part 1

Format	Color
Hex	E6B4DF
RGB	230, 180, 223
RGB Percent	90%, 71%, 87%
CMY	0.0980, 0.2941, 0.1255
CMYK	0.00, 0.22, 0.03, 0.10
HSL	308°, 50%, 80%
HSV	308°, 22%, 90%
XYZ	62.2737, 54.7932, 77.1060
YIQ	199.8520, 15.9970, 23.9730

Conversions

Conversions Part 2

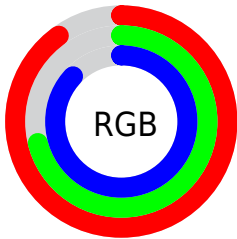
Format	Color
R _{YB}	230, 180, 223
Decimal	15119583
CIE Lab	78.92, 25.12, -14.61
CIE LCh	79, 29.061, 329.821
Yxy	54.7932, 0.3207, 0.2822
Android (android.graphics.Color)	4293309663 (0xFFE6B4DF)
YUV	199.8520, 11.4120, 26.4398
Hunter-Lab	74.0224, 20.6295, -9.9442

Details

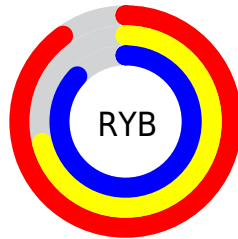
The XYZ color **62.2737, 54.7932, 77.1060** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **56.0911, 69.8865, 57.5500**, and the grayscale version is **54.7352, 57.5857, 62.7108**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **32.1128, 27.0046, 40.5657** is the 20% darker color. If you saturate the color by 10%, you get **57.5807, 46.0946, 73.4203**, and if you desaturate by 10%, it is **67.7487, 65.0408, 81.0944**.

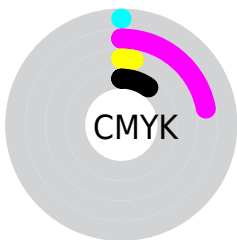
Distribution



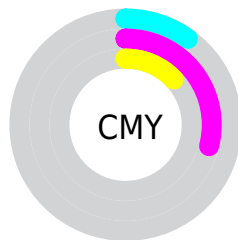
- Red (90%)
- Green (71%)
- Blue (87%)



- Red (90%)
- Yellow (71%)
- Blue (87%)



- Cyan (0%)
- Magenta (22%)
- Yellow (3%)
- Black (10%)



- Cyan (10%)
- Magenta (29%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.2737, 54.7932, 77.1060 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 62.2737, 54.7932, 77.1060 by changing the saturation by 10% instead.

62.2737, 54.7932,
77.1060

62.2737, 54.7932,
77.1060

422.6304,
405.1275, 504.5726

45.5103, 39.2362,
56.8278

107.2087, 97.2379,
131.0635

32.0626, 26.9435,
40.4586

136.1111,
124.8944, 165.5798

21.5651, 17.5308,
27.5798

169.7905,
157.3527, 205.6793

13.6525, 10.6137,
17.7728

208.6122,
194.9975, 251.7805

7.9594, 5.8077,
10.6193

252.9418,
238.2129, 304.3018

4.1206, 2.7285,
5.7005

303.1444,

1.7706, 0.9917,

287.3835, 363.6620

2.5980

359.5855,
342.8936, 430.2794

■ 0.4998, 0.0000,
0.8914

■ 0.0000, 0.0000,
0.0000

■ 62.2737, 54.7932,
77.1060

■ 62.2737, 54.7932,
77.1060

■ 57.5807, 46.0946,
73.4203

■ 67.7487, 65.0408,
81.0944

■ 53.6266, 38.8617,
70.0207

■ 74.0361, 76.9008,
85.3939

■ 50.3720, 33.0145,
66.8947

■ 81.1708, 90.4420,
90.0171

■ 47.7714, 28.4625,
64.0267

■ 83.5169, 94.3926,
93.0855

45.7743, 25.1044,
61.3997

83.9889, 94.5814,
95.5708

44.3223, 22.8237,
58.9941

84.4693, 94.7735,
98.1007

43.3455, 21.4807,
56.7863

84.9583, 94.9691,
100.6756

42.8033, 20.8911,
55.0798

85.4558, 95.1681,
103.2955

85.9620, 95.3706,
105.9608

Harmonies

Analogous

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



57.7952, 54.7932, 91.7002



62.2737, 54.7932, 77.1060



63.9836, 54.7932, 59.7597

Triad

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



62.2737, 54.7932, 77.1060



52.1139, 54.7932, 33.1880



43.0325, 54.7932, 76.9024

Complementary

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



62.2737, 54.7932, 77.1060



56.0911, 69.8865, 57.5500

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.



41.7515, 54.7932, 59.5614



62.2737, 54.7932, 77.1060



46.7532, 54.7932, 36.1166

Square

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



62.2737, 54.7932, 77.1060



57.8595, 54.7932, 36.1876



43.0630, 54.7932, 45.0673



46.6974, 54.7932, 91.5683

Rectangle

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



62.2737, 54.7932, 77.1060



63.2324, 54.7932, 49.5194



43.0630, 54.7932, 45.0673



42.3214, 54.7932, 71.0994

Sweetspot

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



62.2753, 54.7956, 77.1072



89.2178, 88.9753, 104.9837



51.0186, 48.8812, 81.6101



18.9939, 18.8513, 22.4006



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.



62.2753, 54.7956, 77.1072



75.9642, 64.1627, 95.3419



59.1879, 53.5606, 60.8489



14.9038, 14.5787, 17.6936



24.2668, 11.8409, 31.3634



1.8172, 0.8846, 2.4440

Inverse Universe

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



62.2753, 54.7956, 77.1072



75.9642, 64.1627, 95.3419



58.9628, 71.0352, 72.6725



14.9038, 14.5787, 17.6936



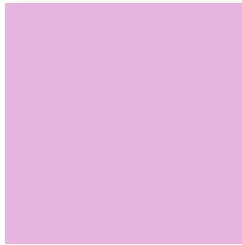
24.2668, 11.8409, 31.3634



1.8172, 0.8846, 2.4440

Previews

White Background



This preview shows how the XYZ color 62.2737, 54.7932, 77.1060 looks on a white background.

Color Contrast Check

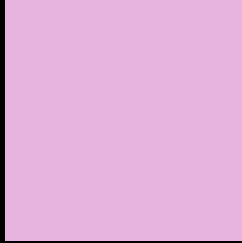
Large Text (above 18pt) WCAG AA × Fail

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 62.2737, 54.7932, 77.1060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

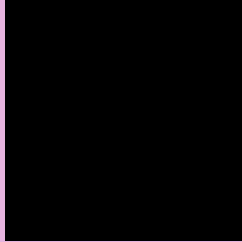
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.2737, 54.7932, 77.1060

Background



This preview shows how black text looks on a background with the XYZ color 62.2737, 54.7932, 77.1060.



This preview shows how white text looks on a background with the XYZ color 62.2737, 54.7932,

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

62.2737, 54.7932, 77.1060

Protanopia

54.5963, 55.1011, 84.1020

Deuteranopia

56.3105, 55.1786, 76.0893



Tritanopia

59.1278, 54.7354, 61.4814

Trichromacy



Original Color

62.2737, 54.7932, 77.1060

Protanomaly

56.9691, 54.7488, 81.6937

Deuteranomaly

58.3957, 54.9607, 76.6379

Tritanomaly

60.3136, 54.9150, 67.0953

Monochromacy



Original Color

62.2737, 54.7932, 77.1060

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

57.3191, 56.5429, 67.5673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2737, 54.7932, 77.1060 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(230, 180, 223)` looks like.

```
.text, #text, p{  
    color:rgb(230, 180, 223)  
}
```

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(230, 180, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 180, 223) }
```

Border

The CSS property to change the border of an element to XYZ 62.2737, 54.7932, 77.1060 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(230, 180, 223) }
```


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

```
.border{ border-color:rgb(230, 180, 223) }
```

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

Here you see how a box with a 4 pixel rgb(230, 180, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 180, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 180, 223);  
box-shadow:4px 4px 4px 4px rgb(230, 180,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2737, 54.7932, 77.1060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 180, 223) }
```

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

```
.background{ background-color: rgb(230,  
180, 223) }
```

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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