

Converting Colors

XYZ(62.1846, 53.2120, 82.6258)

Have a look what the booklet for
XYZ(62.1846, 53.2120, 82.6258)
contains.

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Color

**XYZ(62.0669, 53.0875,
82.5769)**

Conversions

Conversions Part 1

Format	Color
Hex	E5AFE7
RGB	229, 175, 231
RGB Percent	90%, 69%, 91%
CMY	0.1020, 0.3137, 0.0941
CMYK	0.01, 0.24, 0.00, 0.09
HSL	298°, 54%, 80%
HSV	298°, 24%, 91%
XYZ	62.0669, 53.0875, 82.5769
YIQ	197.5300, 14.2080, 28.8640

Conversions

Conversions Part 2

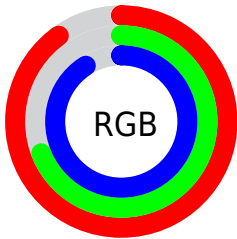
Format	Color
R _Y B	229, 175, 231
Decimal	15052775
CIE Lab	77.93, 28.93, -20.45
CIE LCh	78, 35.427, 324.752
Yxy	53.0875, 0.3139, 0.2685
Android (android.graphics.Color)	4293242855 (0xFFE5AFE7)
YUV	197.5300, 16.5007, 27.5992
Hunter-Lab	72.8612, 24.5485, -16.1933

Details

The XYZ color **62.0669, 53.0875, 82.5769** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.4471, 69.5954, 51.1237**, and the grayscale version is **53.2900, 56.0652, 61.0550**.

A 20% lighter version of the original color is **87.8659, 85.6318, 106.5053**, and **31.9310, 25.8984, 43.8734** is the 20% darker color. If you saturate the color by 10%, you get **57.6878, 44.7182, 81.1930**, and if you desaturate by 10%, it is **67.2195, 63.0002, 84.2194**.

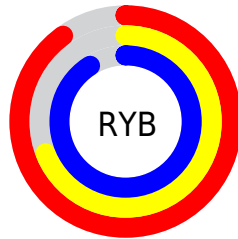
Distribution



Red (90%)

Green (69%)

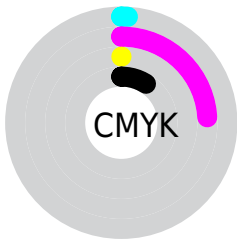
Blue (91%)



Red (90%)

Yellow (69%)

Blue (91%)

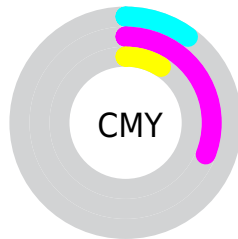


Cyan (1%)

Magenta (24%)

Yellow (0%)

Black (9%)



Cyan (10%)

Magenta (31%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.0669, 53.0875, 82.5769 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 62.0669, 53.0875, 82.5769 by changing the saturation by 10% instead.

62.0669, 53.0875,
82.5769

62.0669, 53.0875,
82.5769

421.8887,
398.6207, 523.5094

45.3426, 37.8726,
61.3026

106.9116, 94.7331,
138.8266

31.9298, 25.8838,
44.0373

135.7627,
121.9326, 174.6392

21.4631, 16.7368,
30.3624

169.3867,
153.8958, 216.1348

13.5773, 10.0470,
19.8594

208.1491,
191.0071, 263.7322

7.9070, 5.4301,
12.1099

252.4151,
233.6508, 317.8498

4.0868, 2.5018,
6.6951

302.5502,

1.7514, 0.8775,

282.2114, 378.9062

3.1966

358.9196,
337.0733, 447.3198

■ 0.4881, 0.0000,
1.1959

■ 0.0000, 0.0000,
0.0000

■ 62.0669, 53.0875,
82.5769

■ 62.0669, 53.0875,
82.5769

■ 57.6878, 44.7182,
81.1930

■ 67.2195, 63.0002,
84.2194

■ 54.0382, 37.8070,
80.0514

■ 73.1772, 74.5219,
86.1294

■ 51.0772, 32.2710,
79.1389

■ 79.9755, 87.7232,
88.3192

■ 48.7578, 28.0165,
78.4399

■ 83.5604, 94.4958,
89.4375

47.0272, 24.9375,
77.9369

83.8293, 94.6344,
89.4500

45.8240, 22.9117,
77.6093

84.0994, 94.7736,
89.4627

45.0735, 21.7895,
77.4322

84.3707, 94.9135,
89.4754

44.7793, 21.4183,
77.3761

84.6434, 95.0541,
89.4881

84.9173, 95.1953,
89.5010

Harmonies

Analogous

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



56.2096, 53.0875, 99.5507



62.0669, 53.0875, 82.5769



64.8312, 53.0875, 61.3432

Triad

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



62.0669, 53.0875, 82.5769



51.6794, 53.0875, 27.6588



39.3596, 53.0875, 75.1854

Complementary

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



62.0669, 53.0875, 82.5769



54.4471, 69.5954, 51.1237

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.



38.3837, 53.0875, 54.4022



62.0669, 53.0875, 82.5769



45.1129, 53.0875, 29.7438

Square

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



62.0669, 53.0875, 82.5769



58.4951, 53.0875, 32.0282



40.3953, 53.0875, 38.5577



43.1931, 53.0875, 94.6478

Rectangle

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



62.0669, 53.0875, 82.5769



64.3819, 53.0875, 48.6719



40.3953, 53.0875, 38.5577



38.7021, 53.0875, 68.0108

Sweetspot

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



62.0685, 53.0898, 82.5780



89.3835, 89.0146, 107.0783



47.9859, 46.6474, 82.0768



19.0324, 18.8604, 22.8873



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.



62.0685, 53.0898, 82.5780



74.8593, 61.0507, 102.4462



59.4029, 52.0977, 65.1920



14.9416, 14.5876, 18.1725



25.1272, 12.0195, 43.3788



1.8728, 0.8964, 3.2063

Inverse Universe

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



56.2226, 50.8255, 48.4444



66.3933, 57.7758, 52.8300



56.7057, 70.4466, 65.3771



14.3977, 14.3763, 15.0290



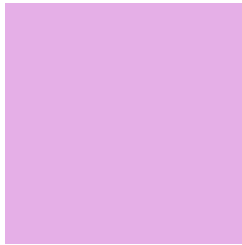
18.5100, 9.5382, 1.0485



1.3752, 0.7078, 0.1164

Previews

White Background



This preview shows how the XYZ color 62.0669, 53.0875, 82.5769 looks on a white background.

Color Contrast Check

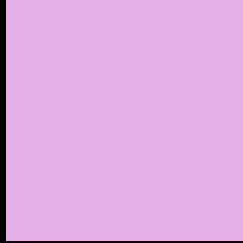
Large Text (above 18pt) WCAG AA × Fail

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 62.0669, 53.0875, 82.5769 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 62.0669, 53.0875, 82.5769

Background



This preview shows how black text looks on a background with the XYZ color 62.0669, 53.0875, 82.5769.



This preview shows how white text looks on a background with the XYZ color 62.0669, 53.0875,

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

62.0669, 53.0875, 82.5769

Protanopia

53.4802, 53.3757, 91.4882

Deuteranopia

54.2349, 53.0372, 80.7775



Tritanopia

57.4322, 53.2887, 59.4833

Trichromacy



Original Color

62.0669, 53.0875, 82.5769



Protanomaly

56.0703, 52.8767, 88.1399



Deuteranomaly

56.8085, 52.7895, 81.3240



Tritanomaly

58.9928, 53.0124, 67.4448

Monochromacy



Original Color

62.0669, 53.0875, 82.5769



Achromatopsia

53.6758, 56.4712, 61.4971



Achromatomaly

56.3408, 55.0354, 68.6262

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0669, 53.0875, 82.5769 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(229, 175, 231)` looks like.

```
.text, #text, p{  
    color:rgb(229, 175, 231)  
}
```

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(229, 175, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 175, 231) }
```

Border

The CSS property to change the border of an element to XYZ 62.0669, 53.0875, 82.5769 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(229, 175, 231) }
```


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

```
.border{ border-color:rgb(229, 175, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 175, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 175, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 175, 231);  
box-shadow:4px 4px 4px 4px rgb(229, 175,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0669, 53.0875, 82.5769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 175, 231) }
```

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

```
.background{ background-color: rgb(229,  
175, 231) }
```

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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