

Converting Colors

XYZ(62.1259, 54.6952, 79.7386)

Have a look what the booklet for
XYZ(62.1259, 54.6952, 79.7386)
contains.

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Color

**XYZ(62.1813, 54.6825,
79.9505)**

Conversions

Conversions Part 1

Format	Color
Hex	E4B4E3
RGB	228, 180, 227
RGB Percent	89%, 71%, 89%
CMY	0.1059, 0.2941, 0.1098
CMYK	0.00, 0.21, 0.00, 0.11
HSL	301°, 47%, 80%
HSV	301°, 21%, 89%
XYZ	62.1813, 54.6825, 79.9505
YIQ	199.7100, 13.5210, 24.7930

Conversions

Conversions Part 2

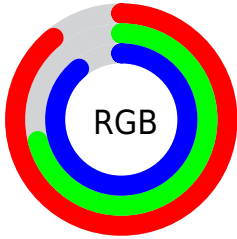
Format	Color
R _Y B	228, 180, 227
Decimal	14988515
CIE Lab	78.86, 25.18, -16.89
CIE LCh	79, 30.320, 326.159
Yxy	54.6825, 0.3159, 0.2778
Android (android.graphics.Color)	4293178595 (0xFFE4B4E3)
YUV	199.7100, 13.4540, 24.8103
Hunter-Lab	73.9476, 20.6893, -12.3397

Details

The XYZ color **62.1813, 54.6825, 79.9505** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **54.9085, 68.5280, 54.0523**, and the grayscale version is **54.6369, 57.4822, 62.5981**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **32.0490, 26.9280, 42.5382** is the 20% darker color. If you saturate the color by 10%, you get **57.8868, 46.1975, 78.1964**, and if you desaturate by 10%, it is **67.2364, 64.6865, 81.9603**.

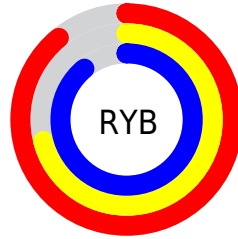
Distribution



Red (89%)

Green (71%)

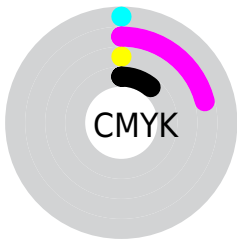
Blue (89%)



Red (89%)

Yellow (71%)

Blue (89%)

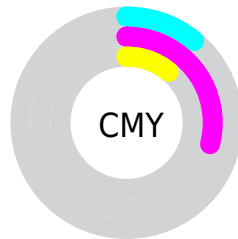


Cyan (0%)

Magenta (21%)

Yellow (0%)

Black (11%)



Cyan (11%)


Magenta (29%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.1813, 54.6825, 79.9505 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 62.1813, 54.6825, 79.9505 by changing the saturation by 10% instead.


 62.1813, 54.6825,
79.9505

 62.1813, 54.6825,
79.9505


422.2991,
404.7073, 514.4684

 45.4354, 39.1476,
59.1517


 107.0760, 97.0756,
135.1069

 32.0032, 26.8746,
42.3144


135.9554,
124.7026, 170.3016

 21.5195, 17.4790,
29.0202


169.6101,
157.1290, 211.1320

 13.6189, 10.5766,
18.8504

208.4053,
194.7394, 258.0166

 7.9360, 5.7829,
11.3865

252.7065,
237.9180, 311.3740

 4.1055, 2.7135,
6.2100

302.8790,

 1.7620, 0.9841,

287.0492, 371.6227

2.9023

359.2880,
342.5175, 439.1814

■ 0.4946, 0.0000,
1.0450

■ 0.0000, 0.0000,
0.0000

■ 62.1813, 54.6825,
79.9505

■ 62.1813, 54.6825,
79.9505

■ 57.8868, 46.1975,
78.1964

■ 67.2364, 64.6865,
81.9603

■ 54.3110, 39.1503,
76.6821


■ 73.0814, 76.2713,
84.2336


■ 51.4153, 33.4632,
75.3954


■ 79.7506, 89.5038,
86.7826


■ 49.1558, 29.0482,
74.3217


■ 81.8846, 93.6659,
87.8207


 47.4833, 25.8069,
73.4446


 81.9511, 93.6925,
88.1706


 46.3416, 23.6268,
72.7452


 82.0177, 93.7191,
88.5214

 45.6631, 22.3731,
72.2012

 82.0845, 93.7459,
88.8732

 45.3483, 21.8354,
71.8125

 82.1515, 93.7727,
89.2259

 82.2186, 93.7995,
89.5796

Harmonies

Analogous

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



57.2399, 54.6825, 94.4826



62.1813, 54.6825, 79.9505



64.3852, 54.6825, 61.7861

Triad

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



62.1813, 54.6825, 79.9505



52.7526, 54.6825, 32.2349



42.2713, 54.6825, 75.3641

Complementary

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



62.1813, 54.6825, 79.9505



54.9085, 68.5280, 54.0523

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.



41.2701, 54.6825, 57.3489



62.1813, 54.6825, 79.9505



47.0415, 54.6825, 34.4890

Square

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



62.1813, 54.6825, 79.9505



58.6828, 54.6825, 36.0537



42.9499, 54.6825, 42.9372



45.7972, 54.6825, 91.4963

Rectangle

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



62.1813, 54.6825, 79.9505



63.8896, 54.6825, 50.7917



42.9499, 54.6825, 42.9372



41.6406, 54.6825, 69.2391

Sweetspot

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



62.1830, 54.6849, 79.9517



90.3105, 90.6032, 107.0671



49.3364, 48.0462, 80.0735



19.2247, 19.1837, 22.8757



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.



62.1830, 54.6849, 79.9517



77.7621, 65.7654, 102.0855



59.1214, 53.4603, 63.8299



14.9815, 14.6098, 18.1028



26.1912, 12.6107, 41.4974



1.9396, 0.9336, 3.0884

Inverse Universe

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



62.1830, 54.6849, 79.9517



77.7621, 65.7654, 102.0855



57.5631, 69.5899, 68.0315



14.9815, 14.6098, 18.1028



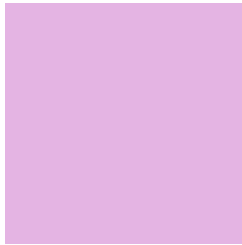
26.1912, 12.6107, 41.4974



1.9396, 0.9336, 3.0884

Previews

White Background



This preview shows how the XYZ color 62.1813, 54.6825, 79.9505 looks on a white background.

Color Contrast Check

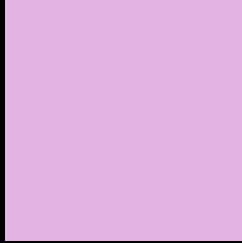
Large Text (above 18pt) WCAG AA × Fail

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 62.1813, 54.6825, 79.9505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

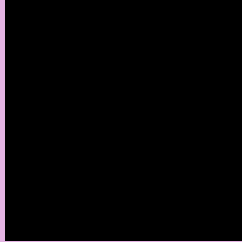
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.1813, 54.6825, 79.9505

Background



This preview shows how black text looks on a background with the XYZ color 62.1813, 54.6825, 79.9505.



This preview shows how white text looks on a background with the XYZ color 62.1813, 54.6825,

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

62.1813, 54.6825, 79.9505

Protanopia

54.6818, 55.0788, 87.1061

Deuteranopia

56.0408, 54.9772, 78.8922



Tritanopia

58.3982, 54.6687, 61.5070

Trichromacy



Original Color

62.1813, 54.6825, 79.9505

Protanomaly

56.9930, 54.6959, 84.6443

Deuteranomaly

58.0761, 54.7333, 79.4551

Tritanomaly

59.4934, 54.4780, 67.7013

Monochromacy



Original Color

62.1813, 54.6825, 79.9505

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

57.2812, 56.4947, 68.8583

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1813, 54.6825, 79.9505 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(228, 180, 227)` looks like.

```
.text, #text, p{  
    color:rgb(228, 180, 227)  
}
```

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(228, 180, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 180, 227) }
```

Border

The CSS property to change the border of an element to XYZ 62.1813, 54.6825, 79.9505 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(228, 180, 227) }
```


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

```
.border{ border-color:rgb(228, 180, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 180, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 180, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 180, 227);  
box-shadow:4px 4px 4px 4px rgb(228, 180,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1813, 54.6825, 79.9505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 180, 227) }
```

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

```
.background{ background-color: rgb(228,  
180, 227) }
```

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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