

Converting Colors

XYZ(62.2383, 54.5549, 79.9008)

Have a look what the booklet for
XYZ(62.2383, 54.5549, 79.9008)
contains.

XYZ(62.2983, 54.4443, 79.8984) 3
***Conversions* 4**
***Details* 6**
***Harmonies* 12**
***Previews* 24**
***Color Blindness Simulation* 28**
***CSS Examples* 31**

Color

**XYZ(62.2983, 54.4443,
79.8984)**

Conversions

Conversions Part 1

Format	Color
Hex	E5B3E3
RGB	229, 179, 227
RGB Percent	90%, 70%, 89%
CMY	0.1020, 0.2980, 0.1098
CMYK	0.00, 0.22, 0.01, 0.10
HSL	302°, 49%, 80%
HSV	302°, 22%, 90%
XYZ	62.2983, 54.4443, 79.8984
YIQ	199.4220, 14.3920, 25.5280

Conversions

Conversions Part 2

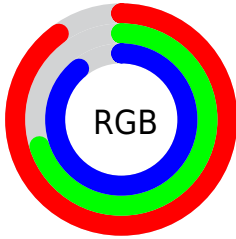
Format	Color
R _Y B	229, 179, 227
Decimal	15053795
CIE Lab	78.72, 26.05, -17.08
CIE LCh	79, 31.152, 326.743
Yxy	54.4443, 0.3168, 0.2769
Android (android.graphics.Color)	4293243875 (0xFFE5B3E3)
YUV	199.4220, 13.5960, 25.9399
Hunter-Lab	73.7864, 21.5825, -12.5508

Details

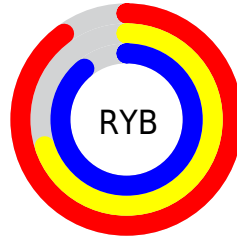
The XYZ color **62.2983, 54.4443, 79.8984** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **54.9524, 68.9601, 54.1333**, and the grayscale version is **54.4591, 57.2952, 62.3944**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **32.1408, 26.7845, 42.5056** is the 20% darker color. If you saturate the color by 10%, you get **57.9588, 45.9661, 77.8303**, and if you desaturate by 10%, it is **67.4040, 64.4518, 82.2265**.

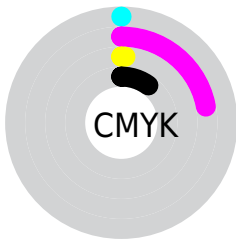
Distribution



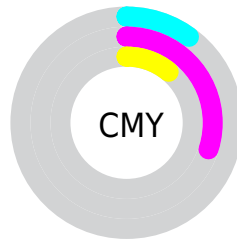
- Red (90%)
- Green (70%)
- Blue (89%)



- Red (90%)
- Yellow (70%)
- Blue (89%)



- Cyan (0%)
- Magenta (22%)
- Yellow (1%)
- Black (10%)





- Cyan (10%)
- Magenta (30%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.2983, 54.4443, 79.8984 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 62.2983, 54.4443, 79.8984 by changing the saturation by 10% instead.


 62.2983, 54.4443,
79.8984

 62.2983, 54.4443,
79.8984


422.7186,
403.8020, 514.2881

 45.5303, 38.9570,
59.1091


 107.2440, 96.7263,
135.0330

 32.0784, 26.7263,
42.2803


136.1525,
124.2898, 170.2153

 21.5772, 17.3677,
28.9937


169.8385,
156.6474, 211.0324

 13.6614, 10.4970,
18.8305

208.6673,
194.1836, 257.9028

 7.9657, 5.7297,
11.3723

253.0044,
237.2828, 311.2450

 4.1246, 2.6814,
6.2005

303.2151,

 1.7729, 0.9678,

286.3293, 371.4776

2.8966

359.6647,
341.7076, 439.0191

■ 0.5012, 0.0000,
1.0421

■ 0.0000, 0.0000,
0.0000

■ 62.2983, 54.4443,
79.8984

■ 62.2983, 54.4443,
79.8984

■ 57.9588, 45.9661,
77.8303

■ 67.4040, 64.4518,
82.2265

■ 54.3428, 38.9350,
76.0060


■ 73.3058, 76.0514,
84.8226


■ 51.4113, 33.2716,
74.4132


■ 80.0383, 89.3113,
87.6990


■ 49.1193, 28.8862,
73.0369


■ 82.4501, 93.9289,
89.1385


 47.4167, 25.6787,
71.8604


 82.5796, 93.9807,
89.8205


 46.2460, 23.5336,
70.8645


 82.7098, 94.0328,
90.5062

 45.5377, 22.3126,
70.0260

 82.8407, 94.0851,
91.1954

 45.2106, 21.8170,
69.4273

 82.9723, 94.1377,
91.8881

 83.1045, 94.1906,
92.5845

Harmonies

Analogous

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



57.2630, 54.4443, 95.0297



62.2983, 54.4443, 79.8984



64.4975, 54.4443, 61.2291

Triad

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



62.2983, 54.4443, 79.8984



52.4236, 54.4443, 31.4522



41.8739, 54.4443, 75.8936

Complementary

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



62.2983, 54.4443, 79.8984



54.9524, 68.9601, 54.1333

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.



40.7996, 54.4443, 57.3739



62.2983, 54.4443, 79.8984



46.5984, 54.4443, 33.8531

Square

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



62.2983, 54.4443, 79.8984



58.5192, 54.4443, 35.1972



42.4610, 54.4443, 42.5550



45.5198, 54.4443, 92.4139

Rectangle

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



62.2983, 54.4443, 79.8984



63.9398, 54.4443, 50.0351



42.4610, 54.4443, 42.5550



41.2132, 54.4443, 69.6001

Sweetspot

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



62.3000, 54.4467, 79.8996



89.5029, 89.0894, 106.4848



49.2434, 47.6837, 80.7381



19.0601, 18.8778, 22.7493



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.



62.3000, 54.4467, 79.8996



76.9990, 64.5766, 100.7908



59.1353, 53.1808, 63.2346



14.9689, 14.6047, 18.0366



25.8600, 12.4782, 39.7533



1.9188, 0.9252, 2.9787

Inverse Universe

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



62.3000, 54.4467, 79.8996



76.9990, 64.5766, 100.7908



57.7118, 70.0639, 68.6644



14.9689, 14.6047, 18.0366



25.8600, 12.4782, 39.7533



1.9188, 0.9252, 2.9787

Previews

White Background



This preview shows how the XYZ color 62.2983, 54.4443, 79.8984 looks on a white background.

Color Contrast Check

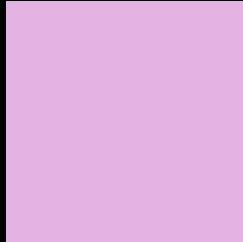
Large Text (above 18pt) WCAG AA × Fail

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 62.2983, 54.4443, 79.8984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

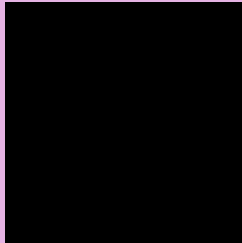
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.2983, 54.4443, 79.8984

Background



This preview shows how black text looks on a background with the XYZ color 62.2983, 54.4443, 79.8984.



This preview shows how white text looks on a background with the XYZ color 62.2983, 54.4443,

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

62.2983, 54.4443, 79.8984

Protanopia

54.6057, 54.6935, 87.7996

Deuteranopia

55.8235, 54.5425, 78.8197



Tritanopia

58.3849, 54.3657, 60.8425

Trichromacy



Original Color

62.2983, 54.4443, 79.8984



Protanomaly

57.0483, 54.4062, 84.5855



Deuteranomaly

58.1503, 54.4577, 79.3980



Tritanomaly

59.6006, 54.2281, 67.6474

Monochromacy



Original Color

62.2983, 54.4443, 79.8984



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

56.9366, 56.0044, 68.1306

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2983, 54.4443, 79.8984 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, 179, 227)` looks like.

```
.text, #text, p{  
    color:rgb(229, 179, 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(229, 179, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 179, 227) }
```

Border

The CSS property to change the border of an element to XYZ 62.2983, 54.4443, 79.8984 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, 179, 227) }
```


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

```
.border{ border-color:rgb(229, 179, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 179, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 179, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 179, 227);  
box-shadow:4px 4px 4px 4px rgb(229, 179,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2983, 54.4443, 79.8984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 179, 227) }
```

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

```
.background{ background-color: rgb(229,  
179, 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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