

Converting Colors

XYZ(62.6670, 54.4923, 81.6010)

Have a look what the booklet for
XYZ(62.6670, 54.4923, 81.6010)
contains.

XYZ(62.5761, 54.5554, 81.3609) 3
 Conversions 4
 Details 6
 Harmonies 12
 Previews 24
 Color Blindness Simulation 28
 CSS Examples 31

Color

**XYZ(62.5761, 54.5554,
81.3609)**

Conversions

Conversions Part 1

Format	Color
Hex	E5B3E5
RGB	229, 179, 229
RGB Percent	90%, 70%, 90%
CMY	0.1020, 0.2980, 0.1020
CMYK	0.00, 0.22, 0.00, 0.10
HSL	300°, 49%, 80%
HSV	300°, 22%, 90%
XYZ	62.5761, 54.5554, 81.3609
YIQ	199.6500, 13.7500, 26.1500

Conversions

Conversions Part 2

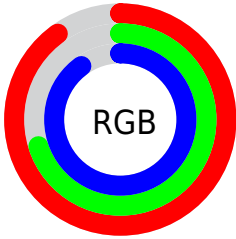
Format	Color
R _Y B	229, 179, 229
Decimal	15053797
CIE Lab	78.78, 26.42, -18.07
CIE LCh	79, 32.004, 325.631
Yxy	54.5554, 0.3153, 0.2748
Android (android.graphics.Color)	4293243877 (0xFFE5B3E5)
YUV	199.6500, 14.4696, 25.7400
Hunter-Lab	73.8616, 21.9686, -13.6067

Details

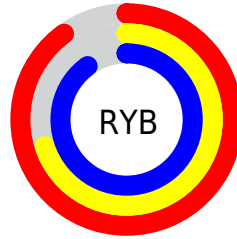
The XYZ color **62.5761, 54.5554, 81.3609** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **54.7486, 68.8787, 53.0602**, and the grayscale version is **54.5940, 57.4371, 62.5490**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **32.2373, 26.8231, 43.0134** is the 20% darker color. If you saturate the color by 10%, you get **58.3627, 46.1277, 79.9569**, and if you desaturate by 10%, it is **67.5550, 64.5122, 83.0213**.

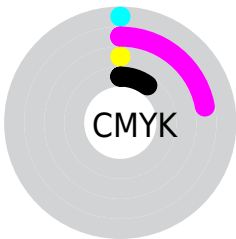
Distribution



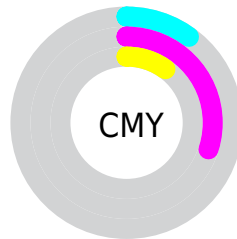
- Red (90%)
- Green (70%)
- Blue (90%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5761, 54.5554, 81.3609 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 62.5761, 54.5554, 81.3609 by changing the saturation by 10% instead.

62.5761, 54.5554,
81.3609

62.5761, 54.5554,
81.3609

423.7136,
404.2244, 519.3346

45.7557, 39.0459,
60.3061

107.6430, 96.8892,
137.1060

32.2569, 26.7954,
43.2385

136.6202,
124.4823, 172.6335

21.7143, 17.4196,
29.7395

170.3804,
156.8721, 213.8222

13.7625, 10.5341,
19.3906

209.2889,
194.4429, 261.0909

8.0363, 5.7545,
11.7732

253.7111,
237.5791, 314.8579

4.1702, 2.6964,
6.4688

304.0124,

1.7989, 0.9754,

286.6652, 375.5418

3.0588

360.5581,
342.0855, 443.5612

■ 0.5170, 0.0000,
1.1247

■ 0.0000, 0.0000,
0.0000

■ 62.5761, 54.5554,
81.3609

■ 62.5761, 54.5554,
81.3609

■ 58.3627, 46.1277,
79.9569

■ 67.5550, 64.5122,
83.0213

■ 54.8722, 39.1467,
78.7933

■ 73.3294, 76.0609,
84.9462

■ 52.0654, 33.5332,
77.8575

■ 79.9337, 89.2695,
87.1478

■ 49.8976, 29.1975,
77.1348

■ 82.2167, 93.8355,
87.9090

48.3184, 26.0394,
76.6083

82.2168, 93.8355,
87.9091

47.2704, 23.9434,
76.2588

82.2168, 93.8355,
87.9093

46.6843, 22.7712,
76.0633

82.2168, 93.8356,
87.9094

46.4564, 22.3154,
75.9872

82.2168, 93.8356,
87.9096

82.2169, 93.8356,
87.9097

Harmonies

Analogous

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



57.3053, 54.5554, 96.7491



62.5761, 54.5554, 81.3609



64.9774, 54.5554, 62.0997

Triad

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



62.5761, 54.5554, 81.3609



52.7870, 54.5554, 30.9564



41.6243, 54.5554, 75.8133

Complementary

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



62.5761, 54.5554, 81.3609



54.7486, 68.8787, 53.0602

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.



40.6272, 54.5554, 56.7827



62.5761, 54.5554, 81.3609



46.7585, 54.5554, 33.1653

Square

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



62.5761, 54.5554, 81.3609



59.0410, 54.5554, 35.0006



42.4312, 54.5554, 41.7982



45.2739, 54.5554, 93.1156

Rectangle

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



62.5761, 54.5554, 81.3609



64.4959, 54.5554, 50.4855



42.4312, 54.5554, 41.7982



40.9812, 54.5554, 69.3100

Sweetspot

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



62.5778, 54.5578, 81.3621



89.6176, 89.1353, 107.0891



48.8558, 47.4839, 80.7202



19.0868, 18.8885, 22.8898



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.



62.5778, 54.5578, 81.3621



77.4230, 64.7462, 103.0239



59.3342, 53.2604, 64.2819



14.9952, 14.6153, 18.1750



26.5611, 12.7586, 43.4451



1.9628, 0.9428, 3.2104

Inverse Universe

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



62.5778, 54.5578, 81.3621



77.4230, 64.7462, 103.0239



57.5109, 69.9836, 67.6059



14.9952, 14.6153, 18.1750



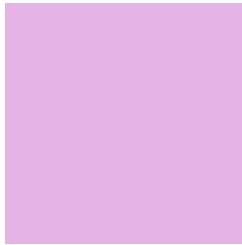
26.5611, 12.7586, 43.4451



1.9628, 0.9428, 3.2104

Previews

White Background



This preview shows how the XYZ color 62.5761, 54.5554, 81.3609 looks on a white background.

Color Contrast Check

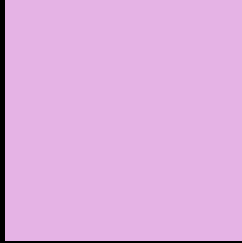
Large Text (above 18pt) WCAG AA × Fail

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 62.5761, 54.5554, 81.3609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

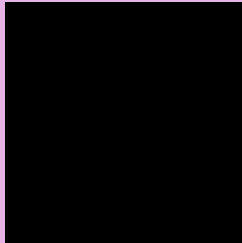
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.5761, 54.5554, 81.3609

Background



This preview shows how black text looks on a background with the XYZ color 62.5761, 54.5554, 81.3609.



This preview shows how white text looks on a background with the XYZ color 62.5761, 54.5554,

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

62.5761, 54.5554, 81.3609

Protanopia

54.6575, 54.6862, 89.3361

Deuteranopia

55.8318, 54.5151, 80.2529



Tritanopia

58.5006, 54.4121, 61.4521

Trichromacy



Original Color

62.5761, 54.5554, 81.3609



Protanomaly

57.0660, 54.3821, 86.0864



Deuteranomaly

58.1408, 54.4209, 80.8387



Tritanomaly

59.7248, 54.2778, 68.3016

Monochromacy



Original Color

62.5761, 54.5554, 81.3609



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

57.4715, 56.2513, 69.4565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5761, 54.5554, 81.3609 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, 229)` looks like.

```
.text, #text, p{  
    color:rgb(229, 179, 229)  
}
```

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, 229) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 62.5761, 54.5554, 81.3609 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, 229) }
```


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

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

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, 229)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 62.5761, 54.5554, 81.3609 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, 229) }
```

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor