

Converting Colors

XYZ(57.7800, 51.9881, 54.4971)

Have a look what the booklet for
XYZ(57.7800, 51.9881, 54.4971)
contains.

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Color

**XYZ(57.7542, 52.0640,
54.5823)**

Conversions

Conversions Part 1

Format	Color
Hex	E7B1BC
RGB	231, 177, 188
RGB Percent	91%, 69%, 74%
CMY	0.0941, 0.3059, 0.2627
CMYK	0.00, 0.23, 0.19, 0.09
HSL	348°, 53%, 80%
HSV	348°, 23%, 91%
XYZ	57.7542, 52.0640, 54.5823
YIQ	194.4000, 28.6530, 14.8690

Conversions

Conversions Part 2

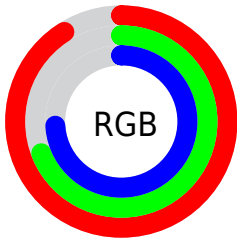
Format	Color
R _Y B	231, 177, 188
Decimal	15184316
CIE Lab	77.32, 21.26, 2.02
CIE LCh	77, 21.356, 5.422
Yxy	52.0640, 0.3513, 0.3167
Android (android.graphics.Color)	4293374396 (0xFFE7B1BC)
YUV	194.4000, -3.1552, 32.0982
Hunter-Lab	72.1554, 16.6020, 5.6586

Details

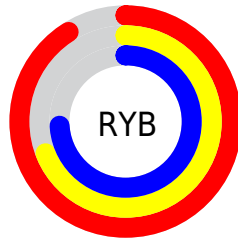
The XYZ color **57.7542, 52.0640, 54.5823** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.6277, 71.6675, 78.4041**, and the grayscale version is **51.5225, 54.2057, 59.0300**.

A 20% lighter version of the original color is **86.7080, 86.0695, 97.6310**, and **29.2600, 25.2785, 26.2587** is the 20% darker color. If you saturate the color by 10%, you get **51.7136, 42.9564, 43.4005**, and if you desaturate by 10%, it is **64.8228, 62.8221, 67.3551**.

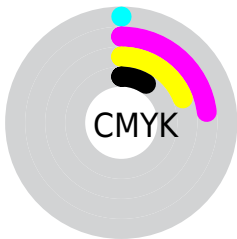
Distribution



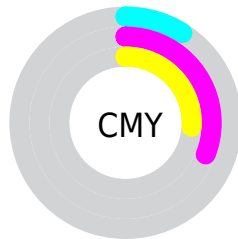
- Red (91%)
- Green (69%)
- Blue (74%)



- Red (91%)
- Yellow (69%)
- Blue (74%)



- Cyan (0%)
- Magenta (23%)
- Yellow (19%)
- Black (9%)



- Cyan (9%)
- Magenta (31%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.7542, 52.0640, 54.5823 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 57.7542, 52.0640, 54.5823 by changing the saturation by 10% instead.


 57.7542, 52.0640,
54.5823

 57.7542, 52.0640,
54.5823


406.2380,
394.6836, 421.5639

 41.8536, 37.0561,
38.6711

 100.6899, 93.2256,
98.3937

 29.1773, 25.2509,
26.1981

128.4556,
120.1481, 127.1309

 19.3599, 16.2641,
16.7448

160.9071,
151.8109, 160.9806

 12.0362, 9.7112,
9.8927

198.4096,
188.5985, 200.3612

 6.8407, 5.2079,
5.2232

241.3287,
230.8951, 245.6912

 3.4081, 2.3698,
2.3178

290.0295,

 1.3731, 0.8103,

279.0853, 297.3894

0.7411

344.8775,
333.5533, 355.8741

■ 0.2369, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.7542, 52.0640,
54.5823

■ 57.7542, 52.0640,
54.5823

■ 51.7136, 42.9564,
43.4005

■ 64.8228, 62.8221,
67.3551

■ 46.6483, 35.4106,
33.7436

■ 72.9602, 75.2993,
81.7750

■ 42.5075, 29.3404,
25.5456

■ 82.2102, 89.5692,
97.8993

■ 39.2338, 24.6485,
18.7342

■ 86.7652, 95.7290,
108.5123

■ 36.7633, 21.2256,
13.2308

■ 35.0231, 18.9460,
8.9486

■ 33.9257, 17.6575,
5.7891

■ 33.4691, 17.1946,
4.2486

Harmonies

Analogous

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



57.0049, 52.0640, 66.6058



57.7542, 52.0640, 54.5823



56.1903, 52.0640, 44.5858

Triad

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



57.7542, 52.0640, 54.5823



45.0559, 52.0640, 40.2114



46.2788, 52.0640, 79.7952

Complementary

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



57.7542, 52.0640, 54.5823



59.6277, 71.6675, 78.4041

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.



43.3360, 52.0640, 70.8051



57.7542, 52.0640, 54.5823



42.6578, 52.0640, 47.8086

Square

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



57.7542, 52.0640, 54.5823



48.7442, 52.0640, 37.0548



42.0459, 52.0640, 58.8489



50.2339, 52.0640, 82.2621

Rectangle

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



57.7542, 52.0640, 54.5823



54.0947, 52.0640, 40.0598



42.0459, 52.0640, 58.8489



45.1454, 52.0640, 77.3805

Sweetspot

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



57.7557, 52.0664, 54.5834



87.4127, 88.2533, 95.4783



59.4514, 52.3229, 82.5677



18.5758, 18.6841, 20.1991



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.



57.7557, 52.0664, 54.5834



68.5067, 59.4587, 61.3768



59.8080, 57.9965, 49.6401



14.4964, 14.4158, 15.5485



18.7989, 9.6538, 2.5698



1.4221, 0.7266, 0.3636

Inverse Universe

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



57.7557, 52.0664, 54.5834



68.5067, 59.4587, 61.3768



57.0362, 64.0765, 84.9636



14.4964, 14.4158, 15.5485



18.7989, 9.6538, 2.5698



1.4221, 0.7266, 0.3636

Previews

White Background



This preview shows how the XYZ color 57.7542, 52.0640, 54.5823 looks on a white background.

Color Contrast Check

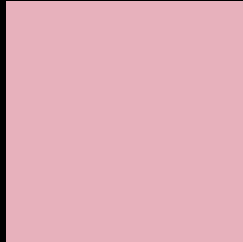
Large Text (above 18pt) WCAG AA × Fail

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 57.7542, 52.0640, 54.5823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

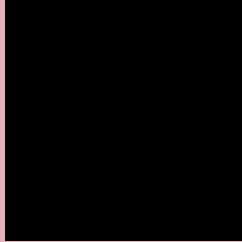
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.7542, 52.0640, 54.5823

Background



This preview shows how black text looks on a background with the XYZ color 57.7542, 52.0640, 54.5823.



This preview shows how white text looks on a background with the XYZ color 57.7542, 52.0640,

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

57.7542, 52.0640, 54.5823

Protanopia

50.3696, 52.1499, 59.6357

Deuteranopia

53.1826, 52.1347, 54.2737



Tritanopia

57.9714, 52.1509, 55.7259

Trichromacy



Original Color

57.7542, 52.0640, 54.5823

Protanomaly

52.7067, 51.8136, 57.6752

Deuteranomaly

54.6110, 51.9492, 54.1626

Tritanomaly

57.8624, 52.1073, 55.1522

Monochromacy



Original Color

57.7542, 52.0640, 54.5823

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.2298, 53.0376, 57.3009

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7542, 52.0640, 54.5823 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(231, 177, 188)` looks like.

```
.text, #text, p{  
    color:rgb(231, 177, 188)  
}
```

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(231, 177, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 177, 188) }
```

Border

The CSS property to change the border of an element to XYZ 57.7542, 52.0640, 54.5823 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(231, 177, 188) }
```


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

```
.border{ border-color:rgb(231, 177, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 177, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 177, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 177, 188);  
box-shadow:4px 4px 4px 4px rgb(231, 177,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7542, 52.0640, 54.5823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 177, 188) }
```

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

```
.background{ background-color: rgb(231,  
177, 188) }
```

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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