

Converting Colors

XYZ(60.7023, 54.2103, 58.1727)

Have a look what the booklet for
XYZ(60.7023, 54.2103, 58.1727)
contains.

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Color

**XYZ(60.7828, 54.1398,
58.2854)**

Conversions

Conversions Part 1

Format	Color
Hex	EDB3C2
RGB	237, 179, 194
RGB Percent	93%, 70%, 76%
CMY	0.0706, 0.2980, 0.2392
CMYK	0.00, 0.24, 0.18, 0.07
HSL	344°, 62%, 82%
HSV	344°, 24%, 93%
XYZ	60.7828, 54.1398, 58.2854
YIQ	198.0520, 29.7530, 16.9610

Conversions

Conversions Part 2

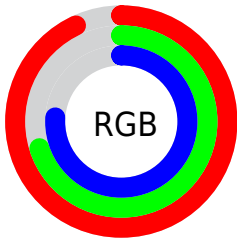
Format	Color
RYB	237, 179, 194
Decimal	15578050
CIELab	78.54, 23.26, 0.61
CIELCh	79, 23.270, 1.512
Yxy	54.1398, 0.3509, 0.3126
Android (android.graphics.Color)	4293768130 (0xFFEDB3C2)
YUV	198.0520, -1.9976, 34.1574
Hunter-Lab	73.5798, 18.6908, 4.5399

Details

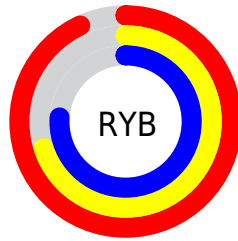
The XYZ color **60.7828, 54.1398, 58.2854** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.0617, 75.4274, 80.3989**, and the grayscale version is **53.7085, 56.5055, 61.5345**.

A 20% lighter version of the original color is **88.2036, 87.5788, 102.6980**, and **31.0169, 26.5185, 28.2947** is the 20% darker color. If you saturate the color by 10%, you get **54.5766, 44.7008, 47.0489**, and if you desaturate by 10%, it is **68.0417, 65.3097, 71.0254**.

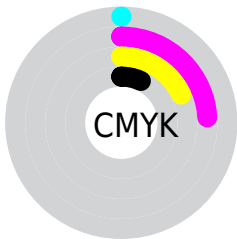
Distribution



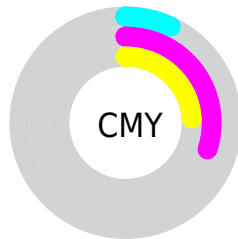
- Red (93%)
- Green (70%)
- Blue (76%)



- Red (93%)
- Yellow (70%)
- Blue (76%)



- Cyan (0%)
- Magenta (24%)
- Yellow (18%)
- Black (7%)





- Cyan (7%)
- Magenta (30%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7828, 54.1398, 58.2854 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 60.7828, 54.1398, 58.2854 by changing the saturation by 10% instead.


 60.7828, 54.1398,
58.2854

 60.7828, 54.1398,
58.2854


417.2658,
402.6429, 435.8765

 44.3018, 38.7134,
41.6219


 105.0643, 96.2795,
103.8572

 31.1068, 26.5369,
28.4820


133.5954,
123.7616, 133.6027

 20.8324, 17.2257,
18.4471


166.8740,
156.0311, 168.5458

 13.1133, 10.3955,
11.0987

205.2654,
193.4723, 209.1052

 7.5841, 5.6620,
6.0183

249.1349,
236.4697, 255.6995

 3.8796, 2.6407,
2.7872

298.8479,

 1.6342, 0.9471,

285.4077, 308.7471

0.9870

354.7698,
340.6706, 368.6666

■ 0.4146, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.7828, 54.1398,
58.2854

■ 60.7828, 54.1398,
58.2854

■ 54.5766, 44.7008,
47.0489

■ 68.0417, 65.3097,
71.0254

■ 49.3688, 36.8987,
37.2561

■ 76.3954, 78.2837,
85.3190

■ 45.1069, 30.6415,
28.8477

■ 85.8888, 93.1398,
101.2182

■ 41.7316, 25.8252,
21.7591

■ 88.7353, 96.7447,
108.6045

■ 39.1766, 22.3331,
15.9200

■ 37.3660, 20.0298,
11.2533

■ 36.2078, 18.7501,
7.6715

■ 35.7752, 18.3446,
6.1099

Harmonies

Analogous

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



59.6013, 54.1398, 71.8291



60.7828, 54.1398, 58.2854



59.3451, 54.1398, 46.7138

Triad

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



60.7828, 54.1398, 58.2854



46.9870, 54.1398, 39.9395



47.3672, 54.1398, 84.0383

Complementary

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



60.7828, 54.1398, 58.2854



62.0617, 75.4274, 80.3989

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.



44.3031, 54.1398, 73.1534



60.7828, 54.1398, 58.2854



44.0929, 54.1398, 47.7088

Square

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



60.7828, 54.1398, 58.2854



51.2260, 54.1398, 37.1423



43.1397, 54.1398, 59.6177



51.6912, 54.1398, 87.9586

Rectangle

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



60.7828, 54.1398, 58.2854



57.1416, 54.1398, 41.3141



43.1397, 54.1398, 59.6177



46.1649, 54.1398, 81.0000

Sweetspot

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



60.7843, 54.1423, 58.2865



87.5594, 88.3120, 96.2508



61.3895, 53.8133, 87.2728



18.6097, 18.6977, 20.3775



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.



60.7843, 54.1423, 58.2865



68.2194, 58.5062, 62.4456



62.0306, 59.1955, 50.8074



15.2253, 15.1180, 16.4718



19.5771, 10.0335, 3.5745



1.5755, 0.8032, 0.4820

Inverse Universe

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



60.7843, 54.1423, 58.2865



68.2194, 58.5062, 62.4456



60.3910, 68.7250, 90.2037



15.2253, 15.1180, 16.4718



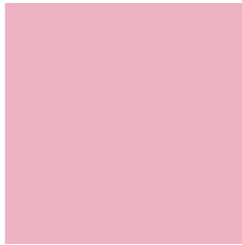
19.5771, 10.0335, 3.5745



1.5755, 0.8032, 0.4820

Previews

White Background



This preview shows how the XYZ color 60.7828, 54.1398, 58.2854 looks on a white background.

Color Contrast Check

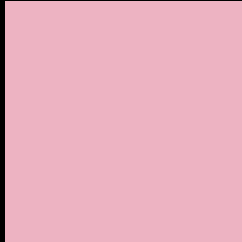
Large Text (above 18pt) WCAG AA × Fail

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 60.7828, 54.1398, 58.2854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

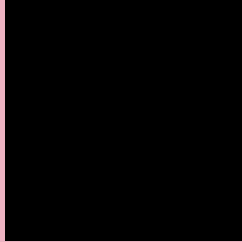
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.7828, 54.1398, 58.2854

Background



This preview shows how black text looks on a background with the XYZ color 60.7828, 54.1398, 58.2854.



This preview shows how white text looks on a background with the XYZ color 60.7828, 54.1398,

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

60.7828, 54.1398, 58.2854

Protanopia

52.7174, 54.5836, 63.6343

Deuteranopia

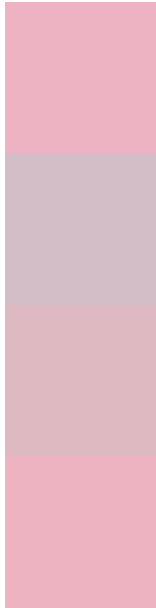
55.2292, 54.0684, 57.3945



Tritanopia

60.6708, 54.0950, 57.6958

Trichromacy



Original Color

60.7828, 54.1398, 58.2854

Protanomaly

55.3704, 54.3676, 61.6085

Deuteranomaly

57.0988, 54.0778, 57.8807

Tritanomaly

60.6708, 54.0950, 57.6958

Monochromacy



Original Color

60.7828, 54.1398, 58.2854

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.8602, 55.2899, 60.5512

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7828, 54.1398, 58.2854 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(237, 179, 194)` looks like.

```
.text, #text, p{  
    color:rgb(237, 179, 194)  
}
```

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(237, 179, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 179, 194) }
```

Border

The CSS property to change the border of an element to XYZ 60.7828, 54.1398, 58.2854 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(237, 179, 194) }
```


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

```
.border{ border-color:rgb(237, 179, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 179, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 179, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 179, 194);  
box-shadow:4px 4px 4px 4px rgb(237, 179,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7828, 54.1398, 58.2854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 179, 194) }
```

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

```
.background{ background-color: rgb(237,  
179, 194) }
```

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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