

Converting Colors

XYZ(60.5974, 53.1300, 52.5520)

Have a look what the booklet for
XYZ(60.5974, 53.1300, 52.5520)
contains.

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Color

**XYZ(60.5997, 52.9979,
52.3831)**

Conversions

Conversions Part 1

Format	Color
Hex	F2AFB8
RGB	242, 175, 184
RGB Percent	95%, 69%, 72%
CMY	0.0510, 0.3137, 0.2784
CMYK	0.00, 0.28, 0.24, 0.05
HSL	352°, 72%, 82%
HSV	352°, 28%, 95%
XYZ	60.5997, 52.9979, 52.3831
YIQ	196.0590, 37.0430, 17.0030

Conversions

Conversions Part 2

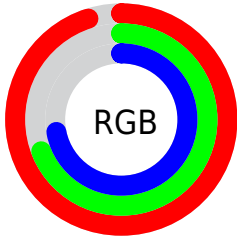
Format	Color
R _Y B	242, 175, 184
Decimal	15904696
CIE Lab	77.87, 25.71, 5.14
CIE LCh	78, 26.222, 11.299
Yxy	52.9979, 0.3651, 0.3193
Android (android.graphics.Color)	4294094776 (0xFF F2AF B8)
YUV	196.0590, -5.9451, 40.2903
Hunter-Lab	72.7997, 21.1871, 8.2976

Details

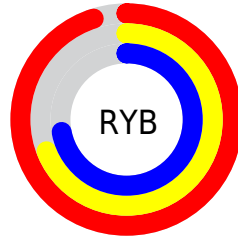
The XYZ color **60.5997, 52.9979, 52.3831** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.1416, 78.5028, 88.8667**, and the grayscale version is **52.5250, 55.2604, 60.1785**.

A 20% lighter version of the original color is **85.5441, 84.7031, 94.2787**, and **31.0639, 25.8720, 24.8293** is the 20% darker color. If you saturate the color by 10%, you get **54.2689, 43.5943, 40.2283**, and if you desaturate by 10%, it is **68.1027, 64.2245, 66.5344**.

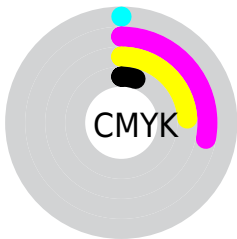
Distribution



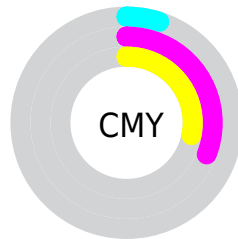
- Red (95%)
- Green (69%)
- Blue (72%)



- Red (95%)
- Yellow (69%)
- Blue (72%)



- Cyan (0%)
- Magenta (28%)
- Yellow (24%)
- Black (5%)





- Cyan (5%)
- Magenta (31%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.5997, 52.9979, 52.3831 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 60.5997, 52.9979, 52.3831 by changing the saturation by 10% instead.


 60.5997, 52.9979,
52.3831

 60.5997, 52.9979,
52.3831

416.6041,
398.2771, 412.9128

 44.1535, 37.8011,
36.9262


 104.8005, 94.6013,
95.1283

 30.9896, 25.8283,
24.8550


133.2859,
121.7766, 123.2537

 20.7427, 16.6953,
15.7510


166.5149,
153.7136, 156.4390

 13.0475, 10.0175,
9.1957

204.8531,
190.7967, 195.1027

 7.5385, 5.4105,
4.7705

248.6658,
233.4101, 239.6634

 3.8504, 2.4901,
2.0569

298.3183,

 1.6178, 0.8717,

281.9384, 290.5396

0.5899

354.1759,
336.7659, 348.1499

■ 0.4040, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.5997, 52.9979,
52.3831

■ 60.5997, 52.9979,
52.3831

■ 54.2689, 43.5943,
40.2283

■ 68.1027, 64.2245,
66.5344

■ 49.0467, 35.9105,
29.9769

■ 76.8286, 77.3556,
82.7634

■ 44.8698, 29.8442,
21.5327

■ 86.8305, 92.4766,
101.1505

■ 41.6670, 25.2794,
14.7903

■ 90.4282, 97.6173,
108.6837

■ 39.3579, 22.0843,
9.6328

■ 37.8488, 20.1046,
5.9284

■ 37.0184, 19.1348,
3.5212

■ 36.8856, 18.9843,
3.1222

Harmonies

Analogous

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



60.2303, 52.9979, 67.1739



60.5997, 52.9979, 52.3831



58.0945, 52.9979, 41.1036

Triad

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



60.5997, 52.9979, 52.3831



44.1819, 52.9979, 39.0950



47.2976, 52.9979, 88.5578

Complementary

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



60.5997, 52.9979, 52.3831



64.1416, 78.5028, 88.8667

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.



43.3678, 52.9979, 78.2665



60.5997, 52.9979, 52.3831



41.6544, 52.9979, 49.1718

Square

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



60.5997, 52.9979, 52.3831



48.4784, 52.9979, 34.3401



41.3667, 52.9979, 63.3772



52.3161, 52.9979, 89.8106

Rectangle

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



60.5997, 52.9979, 52.3831



55.2240, 52.9979, 36.4347



41.3667, 52.9979, 63.3772



45.8146, 52.9979, 85.9688

Sweetspot

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



60.6012, 53.0004, 52.3842



86.1696, 86.5821, 92.5512



64.6212, 54.2208, 91.0646



18.1087, 18.0268, 19.1893



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.



60.6012, 53.0004, 52.3842



64.2335, 53.7127, 51.3187



64.6546, 62.5688, 49.2298



15.8592, 15.7934, 16.8148



19.8432, 10.2097, 1.8249



1.6777, 0.8601, 0.2939

Inverse Universe

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



60.6012, 53.0004, 52.3842



64.2335, 53.7127, 51.3187



58.9226, 65.9553, 93.6300



15.8592, 15.7934, 16.8148



19.8432, 10.2097, 1.8249



1.6777, 0.8601, 0.2939

Previews

White Background



This preview shows how the XYZ color 60.5997, 52.9979, 52.3831 looks on a white background.

Color Contrast Check

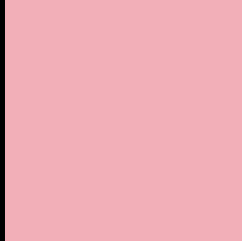
Large Text (above 18pt) WCAG AA × Fail

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 60.5997, 52.9979, 52.3831 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 60.5997, 52.9979, 52.3831

Background



This preview shows how black text looks on a background with the XYZ color 60.5997, 52.9979, 52.3831.



This preview shows how white text looks on a background with the XYZ color 60.5997, 52.9979,

52.3831.

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

60.5997, 52.9979, 52.3831

Protanopia

51.3522, 53.3301, 58.6261

Deuteranopia

54.3213, 53.0941, 51.6411



Tritanopia

60.8311, 52.7802, 54.5584

Trichromacy



Original Color

60.5997, 52.9979, 52.3831

Protanomaly

54.2937, 52.9817, 56.0801

Deuteranomaly

56.3265, 52.8823, 52.0383

Tritanomaly

60.7236, 52.7372, 53.9925

Monochromacy



Original Color

60.5997, 52.9979, 52.3831

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

54.9382, 53.9183, 57.3809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5997, 52.9979, 52.3831 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(242, 175, 184)` looks like.

```
.text, #text, p{  
    color:rgb(242, 175, 184)  
}
```

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(242, 175, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 175, 184) }
```

Border

The CSS property to change the border of an element to XYZ 60.5997, 52.9979, 52.3831 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(242, 175, 184) }
```


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

```
.border{ border-color:rgb(242, 175, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 175, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 175, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 175, 184); box-shadow:4px 4px 4px 4px rgb(242, 175, 184) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5997, 52.9979, 52.3831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 175, 184) }
```

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

```
.background{ background-color: rgb(242,  
175, 184) }
```

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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