

Converting Colors

XYZ(60.9886, 53.6345, 66.5133)

Have a look what the booklet for
XYZ(60.9886, 53.6345, 66.5133)
contains.

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Color

**XYZ(61.2372, 53.8873,
66.8482)**

Conversions

Conversions Part 1

Format	Color
Hex	EAB2D0
RGB	234, 178, 208
RGB Percent	92%, 70%, 82%
CMY	0.0823, 0.3019, 0.1843
CMYK	0.00, 0.24, 0.11, 0.08
HSL	328°, 57%, 81%
HSV	328°, 24%, 92%
XYZ	61.2372, 53.8873, 66.8482
YIQ	198.1640, 23.7460, 21.2020

Conversions

Conversions Part 2

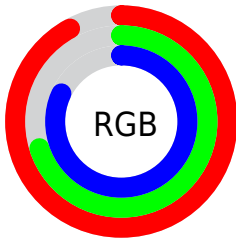
Format	Color
R_{YB}	234, 178, 208
Decimal	15381200
CIE _{Lab}	78.40, 24.97, -7.23
CIE _{LCh}	78, 25.993, 343.846
Yxy	53.8873, 0.3365, 0.2961
Android (android.graphics.Color)	4293571280 (0xFFEAB2D0)
YUV	198.1640, 4.8491, 31.4282
Hunter-Lab	73.4080, 20.4414, -2.6062

Details

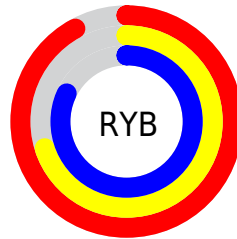
The XYZ color **61.2372, 53.8873, 66.8482** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **58.6842, 72.6716, 68.0642**, and the grayscale version is **53.7389, 56.5375, 61.5693**.

A 20% lighter version of the original color is **88.7128, 87.3256, 106.7876**, and **31.5264, 26.4653, 34.0185** is the 20% darker color. If you saturate the color by 10%, you get **55.6814, 44.8416, 58.6256**, and if you desaturate by 10%, it is **67.6819, 64.5627, 75.8202**.

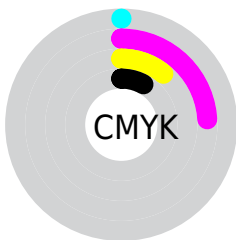
Distribution



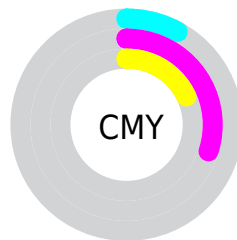
- Red (92%)
- Green (70%)
- Blue (82%)



- Red (92%)
- Yellow (70%)
- Blue (82%)



- Cyan (0%)
- Magenta (24%)
- Yellow (11%)
- Black (8%)





- Cyan (8%)
- Magenta (30%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.2372, 53.8873, 66.8482 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 61.2372, 53.8873, 66.8482 by changing the saturation by 10% instead.

 61.2372, 53.8873,
66.8482

 61.2372, 53.8873,
66.8482


418.9052,
401.6801, 467.8910

 44.6699, 38.5116,
48.5005


 105.7185, 95.9088,
116.3415

 31.3977, 26.3800,
33.8606


134.3632,
123.3233, 148.3240

 21.0552, 17.1081,
22.5100


167.7643,
155.5195, 185.6886

 13.2770, 10.3116,
14.0302

206.2874,
192.8818, 228.8538

 7.6979, 5.6060,
8.0027

250.2976,
235.7946, 278.2381

 3.9524, 2.6070,
4.0089

300.1604,

 1.6753, 0.9302,

284.6424, 334.2600

1.6302

356.2412,
339.8094, 397.3382

■ 0.4407, 0.0000,
0.3122

■ 0.0000, 0.0000,
0.0000

■ 61.2372, 53.8873,
66.8482

■ 61.2372, 53.8873,
66.8482

■ 55.6814, 44.8416,
58.6256

■ 67.6819, 64.5627,
75.8202

■ 50.9676, 37.3371,
51.1259

■ 75.0499, 76.9361,
85.5599

■ 47.0518, 31.2878,
44.3259

■ 83.3796, 91.0808,
96.0892

■ 43.8836, 26.5962,
38.1991

■ 87.1774, 96.0067,
105.5852

■ 41.4067, 23.1529,
32.7169

■ 87.7419, 96.2326,
108.5580

■ 39.5561, 20.8311,
27.8472

■ 38.2529, 19.4766,
23.5533

■ 37.6560, 18.9822,
21.1985

Harmonies

Analogous

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



58.3235, 53.8873, 81.3740



61.2372, 53.8873, 66.8482



61.3525, 53.8873, 52.2002

Triad

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



61.2372, 53.8873, 66.8482



48.9048, 53.8873, 35.3924



44.4600, 53.8873, 80.3824

Complementary

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



61.2372, 53.8873, 66.8482



58.6842, 72.6716, 68.0642

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.



42.2663, 53.8873, 65.6623



61.2372, 53.8873, 66.8482



44.7149, 53.8873, 40.6449

Square

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



61.2372, 53.8873, 66.8482



53.9981, 53.8873, 35.6020



42.3564, 53.8873, 51.1951



48.5355, 53.8873, 90.0309

Rectangle

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



61.2372, 53.8873, 66.8482



59.8111, 53.8873, 44.3679



42.3564, 53.8873, 51.1951



43.4905, 53.8873, 75.7659

Sweetspot

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



61.2388, 53.8897, 66.8493



88.3117, 88.6129, 100.2122



55.4570, 50.5087, 84.6687



18.7837, 18.7673, 21.2939



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.



61.2388, 53.8897, 66.8493



70.7804, 59.5306, 75.9318



58.1740, 52.6638, 50.7105



15.4028, 15.1890, 17.4065



21.2247, 10.6926, 12.2507



1.7152, 0.8590, 1.2175

Inverse Universe

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



61.2388, 53.8897, 66.8493



70.7804, 59.5306, 75.9318



62.2367, 74.0926, 86.7713



15.4028, 15.1890, 17.4065



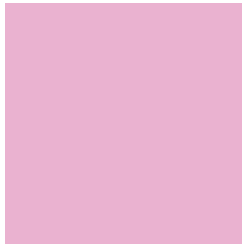
21.2247, 10.6926, 12.2507



1.7152, 0.8590, 1.2175

Previews

White Background



This preview shows how the XYZ color 61.2372, 53.8873, 66.8482 looks on a white background.

Color Contrast Check

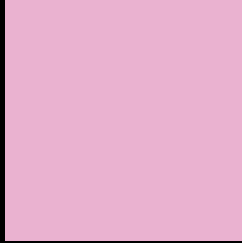
Large Text (above 18pt) WCAG AA × Fail

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 61.2372, 53.8873, 66.8482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

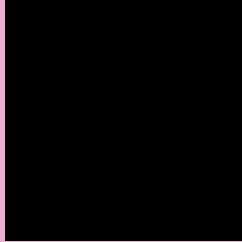
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.2372, 53.8873, 66.8482

Background



This preview shows how black text looks on a background with the XYZ color 61.2372, 53.8873, 66.8482.



This preview shows how white text looks on a background with the XYZ color 61.2372, 53.8873,

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

61.2372, 53.8873, 66.8482

Protanopia

53.0802, 54.2260, 73.3147

Deuteranopia

55.3506, 54.2613, 65.9487



Tritanopia

59.3376, 53.6934, 58.2754

Trichromacy



Original Color

61.2372, 53.8873, 66.8482

Protanomaly

55.8529, 54.0869, 71.1144

Deuteranomaly

57.2267, 53.9546, 66.4296

Tritanomaly

60.0332, 53.6874, 61.2314

Monochromacy



Original Color

61.2372, 53.8873, 66.8482

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

56.1554, 55.3748, 63.6058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2372, 53.8873, 66.8482 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(234, 178, 208)` looks like.

```
.text, #text, p{  
    color:rgb(234, 178, 208)  
}
```

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(234, 178, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 178, 208) }
```

Border

The CSS property to change the border of an element to XYZ 61.2372, 53.8873, 66.8482 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(234, 178, 208) }
```


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

```
.border{ border-color:rgb(234, 178, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 178, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 178, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 178, 208);  
box-shadow:4px 4px 4px 4px rgb(234, 178,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2372, 53.8873, 66.8482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 178, 208) }
```

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

```
.background{ background-color: rgb(234,  
178, 208) }
```

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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