

Converting Colors

XYZ(61.5261, 52.7409, 67.4273)

Have a look what the booklet for
XYZ(61.5261, 52.7409, 67.4273)
contains.

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Color

**XYZ(61.5697, 52.8801,
67.2834)**

Conversions

Conversions Part 1

Format	Color
Hex	EDAED1
RGB	237, 174, 209
RGB Percent	93%, 68%, 82%
CMY	0.0706, 0.3176, 0.1804
CMYK	0.00, 0.27, 0.12, 0.07
HSL	327°, 64%, 81%
HSV	327°, 27%, 93%
XYZ	61.5697, 52.8801, 67.2834
YIQ	196.8270, 26.3130, 24.2410

Conversions

Conversions Part 2

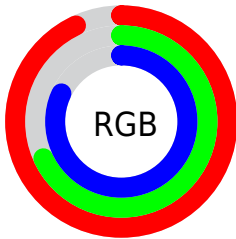
Format	Color
R_{YB}	237, 174, 209
Decimal	15576785
CIE _{Lab}	77.80, 28.30, -8.62
CIE _{LCh}	78, 29.582, 343.058
Yxy	52.8801, 0.3388, 0.2910
Android (android.graphics.Color)	4293766865 (0xFFEDAED1)
YUV	196.8270, 6.0013, 35.2317
Hunter-Lab	72.7187, 23.8752, -3.9553

Details

The XYZ color **61.5697, 52.8801, 67.2834** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **58.4026, 73.8327, 67.0535**, and the grayscale version is **52.9217, 55.6778, 60.6331**.

A 20% lighter version of the original color is **87.5868, 85.0736, 106.4123**, and **31.5762, 25.7446, 34.3153** is the 20% darker color. If you saturate the color by 10%, you get **56.1275, 44.0138, 59.2462**, and if you desaturate by 10%, it is **67.9090, 63.4012, 76.0463**.

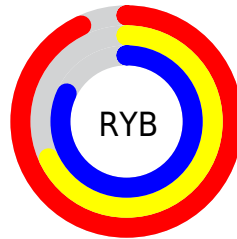
Distribution



Red (93%)

Green (68%)

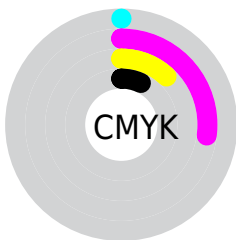
Blue (82%)



Red (93%)

Yellow (68%)

Blue (82%)

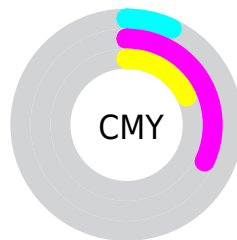


Cyan (0%)

Magenta (27%)

Yellow (12%)

Black (7%)



Cyan (7%)

Magenta (32%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.5697, 52.8801, 67.2834 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 61.5697, 52.8801, 67.2834 by changing the saturation by 10% instead.

61.5697, 52.8801,
67.2834

61.5697, 52.8801,
67.2834

420.1024,
397.8249, 469.4818

44.9394, 37.7071,
48.8519

106.1968, 94.4279,
116.9709

31.6108, 25.7554,
34.1373

134.9244,
121.5715, 149.0640

21.2185, 16.6408,
22.7209

168.4150,
153.4740, 186.5481

13.3972, 9.9787,
14.1842

207.0341,
190.5199, 229.8417

7.7815, 5.3848,
8.1087

251.1471,
233.0935, 279.3633

4.0061, 2.4748,
4.0758

301.1192,

1.7056, 0.8640,

281.5793, 335.5315

1.6670

357.3158,
336.3617, 398.7648

■ 0.4597, 0.0000,
0.3380

■ 0.0000, 0.0000,
0.0000

■ 61.5697, 52.8801,
67.2834

■ 61.5697, 52.8801,
67.2834

■ 56.1275, 44.0138,
59.2462

■ 67.9090, 63.4012,
76.0463

■ 51.5337, 36.7097,
51.9086

■ 75.1817, 75.6492,
85.5532

■ 47.7418, 30.8766,
45.2472

■ 83.4278, 89.7008,
95.8257

■ 44.6987, 26.4113,
39.2357

■ 88.1196, 96.4984,
105.3621

■ 42.3444, 23.1968,
33.8451

■ 88.7353, 96.7447,
108.6045

■ 40.6091, 21.0962,
29.0429

■ 39.4050, 19.9373,
24.7901

■ 39.0669, 19.6613,
23.4440

Harmonies

Analogous

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



58.1752, 52.8801, 83.8845



61.5697, 52.8801, 67.2834



61.7915, 52.8801, 50.7300

Triad

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



61.5697, 52.8801, 67.2834



47.8094, 52.8801, 31.9585



42.6237, 52.8801, 81.9537

Complementary

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



61.5697, 52.8801, 67.2834



58.4026, 73.8327, 67.0535

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.



40.2622, 52.8801, 65.0148



61.5697, 52.8801, 67.2834



43.0991, 52.8801, 37.4406

Square

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



61.5697, 52.8801, 67.2834



53.5446, 52.8801, 32.3342



40.4293, 52.8801, 48.8529



47.1143, 52.8801, 93.3968

Rectangle

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



61.5697, 52.8801, 67.2834



60.0854, 52.8801, 42.0056



40.4293, 52.8801, 48.8529



41.5704, 52.8801, 76.5883

Sweetspot

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



61.5712, 52.8825, 67.2845



87.4582, 87.0976, 99.3366



54.5924, 48.8484, 86.6727



18.4318, 18.1560, 20.8911



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.



61.5712, 52.8825, 67.2845



69.0112, 56.4011, 74.0814



58.1190, 51.5016, 49.1053



15.4158, 15.1942, 17.4747



21.3961, 10.7611, 13.1532



1.7284, 0.8643, 1.2872

Inverse Universe

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



61.5712, 52.8825, 67.2845



69.0112, 56.4011, 74.0814



62.4208, 75.4400, 88.2134



15.4158, 15.1942, 17.4747



21.3961, 10.7611, 13.1532



1.7284, 0.8643, 1.2872

Previews

White Background



This preview shows how the XYZ color 61.5697, 52.8801, 67.2834 looks on a white background.

Color Contrast Check

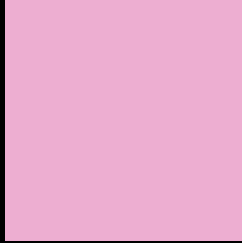
Large Text (above 18pt) WCAG AA × Fail

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 61.5697, 52.8801, 67.2834 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 61.5697, 52.8801, 67.2834

Background



This preview shows how black text looks on a background with the XYZ color 61.5697, 52.8801, 67.2834.



This preview shows how white text looks on a background with the XYZ color 61.5697, 52.8801,

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

61.5697, 52.8801, 67.2834

Protanopia

52.2881, 53.1203, 75.2075

Deuteranopia

54.2096, 53.0248, 66.4091



Tritanopia

59.3871, 52.8680, 56.3647

Trichromacy



Original Color

61.5697, 52.8801, 67.2834

Protanomaly

55.1972, 52.7776, 72.2436

Deuteranomaly

56.7284, 52.7617, 66.8686

Tritanomaly

60.3104, 52.9608, 60.4698

Monochromacy



Original Color

61.5697, 52.8801, 67.2834

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

55.8916, 54.6093, 62.8532

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5697, 52.8801, 67.2834 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, 174, 209)` looks like.

```
.text, #text, p{  
    color:rgb(237, 174, 209)  
}
```

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, 174, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 174, 209) }
```

Border

The CSS property to change the border of an element to XYZ 61.5697, 52.8801, 67.2834 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, 174, 209) }
```


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

```
.border{ border-color:rgb(237, 174, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 174, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 174, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 174, 209);  
box-shadow:4px 4px 4px 4px rgb(237, 174,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5697, 52.8801, 67.2834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 174, 209) }
```

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

```
.background{ background-color: rgb(237,  
174, 209) }
```

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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