

Converting Colors

XYZ(63.7763, 53.5476, 83.8045)

Have a look what the booklet for
XYZ(63.7763, 53.5476, 83.8045)
contains.

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Color

**XYZ(63.7757, 53.6477,
84.0845)**

Conversions

Conversions Part 1

Format	Color
Hex	EAAEE9
RGB	234, 174, 233
RGB Percent	92%, 68%, 91%
CMY	0.0823, 0.3176, 0.0863
CMYK	0.00, 0.26, 0.00, 0.08
HSL	301°, 59%, 80%
HSV	301°, 26%, 92%
XYZ	63.7757, 53.6477, 84.0845
YIQ	198.6660, 16.8210, 31.0690

Conversions

Conversions Part 2

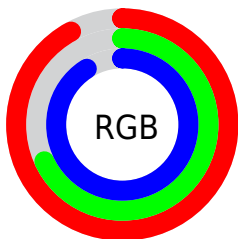
Format	Color
RYB	234, 174, 233
Decimal	15380201
CIELab	78.26, 31.46, -20.98
CIElCh	78, 37.812, 326.298
Yxy	53.6477, 0.3165, 0.2662
Android (android.graphics.Color)	4293570281 (0xFFEAAEE9)
YUV	198.6660, 16.9267, 30.9879
Hunter-Lab	73.2446, 27.2459, -16.7935

Details

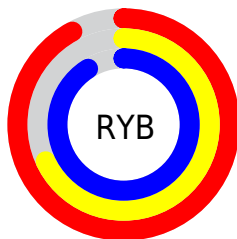
The XYZ color **63.7757, 53.6477, 84.0845** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.6184, 70.9411, 51.3747**, and the grayscale version is **53.9762, 56.7872, 61.8413**.

A 20% lighter version of the original color is **87.5868, 85.0736, 106.4123**, and **33.1333, 26.3140, 44.9278** is the 20% darker color. If you saturate the color by 10%, you get **59.5878, 45.3600, 82.4144**, and if you desaturate by 10%, it is **68.7545, 63.5151, 86.0200**.

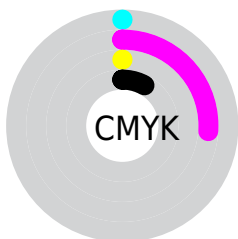
Distribution



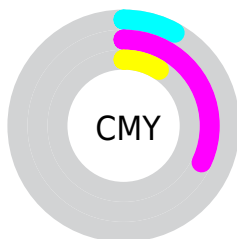
- Red (92%)
- Green (68%)
- Blue (91%)



- Red (92%)
- Yellow (68%)
- Blue (91%)



- Cyan (0%)
- Magenta (26%)
- Yellow (0%)
- Black (8%)




- Cyan (8%)
- Magenta (32%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.7757, 53.6477, 84.0845 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 63.7757, 53.6477, 84.0845 by changing the saturation by 10% instead.


 63.7757, 53.6477,
84.0845

 63.7757, 53.6477,
84.0845


427.9943,
400.7652, 528.6592

 46.7300, 38.3201,
62.5394


 109.3634, 95.5568,
140.9562

 33.0293, 26.2312,
45.0301


138.6361,
122.9070, 177.1198

 22.3083, 16.9967,
31.1380


172.7152,
155.0336, 218.9934

 14.2015, 10.2321,
20.4446

211.9661,
192.3209, 266.9954

 8.3436, 5.5531,
12.5314

256.7541,
235.1533, 321.5445

 4.3692, 2.5753,
6.9797

307.4446,

 1.9131, 0.9143,

283.9152, 383.0591

3.3712

364.4028,
338.9910, 451.9578

■ 0.5844, 0.0000,
1.2871

■ 0.0000, 0.0000,
0.0512

■ 63.7757, 53.6477,
84.0845

■ 63.7757, 53.6477,
84.0845

■ 59.5878, 45.3600,
82.4144

■ 68.7545, 63.5151,
86.0200

■ 56.1449, 38.5632,
80.9926

■ 74.5572, 75.0309,
88.2302

■ 53.4043, 33.1706,
79.8056

■ 81.2207, 88.2683,
90.7279

■ 51.3166, 29.0839,
78.8368

■ 84.6243, 94.9855,
92.1396

49.8264, 26.1917,
78.0678

84.6806, 95.0081,
92.4362

48.8688, 24.3646,
77.4769

84.7371, 95.0306,
92.7334

48.3638, 23.4425,
77.0374

84.7936, 95.0533,
93.0312

48.2291, 23.2114,
76.8745

84.8503, 95.0759,
93.3297

84.9071, 95.0987,
93.6289

Harmonies

Analogous

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



57.5618, 53.6477, 103.1227



63.7757, 53.6477, 84.0845



66.5584, 53.6477, 61.0857

Triad

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



63.7757, 53.6477, 84.0845



51.9153, 53.6477, 26.4405



39.2622, 53.6477, 78.4040

Complementary

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



63.7757, 53.6477, 84.0845



54.6184, 70.9411, 51.3747

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.



38.0617, 53.6477, 55.8199



63.7757, 53.6477, 84.0845



44.9394, 53.6477, 28.9539

Square

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



63.7757, 53.6477, 84.0845



59.3054, 53.6477, 30.6343



40.0396, 53.6477, 38.5839



43.4916, 53.6477, 99.3246

Rectangle

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



63.7757, 53.6477, 84.0845



65.9127, 53.6477, 47.7016



40.0396, 53.6477, 38.5839



38.5098, 53.6477, 70.6192

Sweetspot

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



63.7774, 53.6500, 84.0856



88.8292, 87.6460, 106.5565



47.6689, 45.3293, 84.0800



18.7788, 18.2949, 22.7185



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.



63.7774, 53.6500, 84.0856



74.5940, 59.4265, 101.0379



59.8491, 52.0788, 63.3999



15.7034, 15.3092, 18.9891



27.1068, 13.0454, 43.2251



2.1320, 1.0258, 3.4126

Inverse Universe

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



63.7774, 53.6500, 84.0856



74.5940, 59.4265, 101.0379



57.8998, 72.2537, 68.6544



15.7034, 15.3092, 18.9891



27.1068, 13.0454, 43.2251



2.1320, 1.0258, 3.4126

Previews

White Background



This preview shows how the XYZ color 63.7757, 53.6477, 84.0845 looks on a white background.

Color Contrast Check

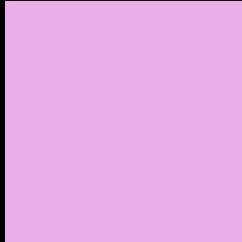
Large Text (above 18pt) WCAG AA × Fail

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 63.7757, 53.6477, 84.0845 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 63.7757, 53.6477, 84.0845

Background



This preview shows how black text looks on a background with the XYZ color 63.7757, 53.6477, 84.0845.



This preview shows how white text looks on a background with the XYZ color 63.7757, 53.6477,

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

63.7757, 53.6477, 84.0845

Protanopia

54.1535, 53.9951, 93.9541

Deuteranopia

54.9862, 53.7105, 82.3320



Tritanopia

58.6873, 53.6459, 58.8913

Trichromacy



Original Color

63.7757, 53.6477, 84.0845



Protanomaly

57.0456, 53.3282, 90.5058



Deuteranomaly

57.8588, 53.6058, 82.8988



Tritanomaly

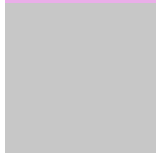
60.3840, 53.4332, 67.4526

Monochromacy



Original Color

63.7757, 53.6477, 84.0845



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

57.3227, 55.5271, 69.3246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.7757, 53.6477, 84.0845 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, 174, 233)` looks like.

```
.text, #text, p{  
    color:rgb(234, 174, 233)  
}
```

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, 174, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 174, 233) }
```

Border

The CSS property to change the border of an element to XYZ 63.7757, 53.6477, 84.0845 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, 174, 233) }
```


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

```
.border{ border-color:rgb(234, 174, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 174, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 174, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 174, 233);  
box-shadow:4px 4px 4px 4px rgb(234, 174,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 63.7757, 53.6477, 84.0845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 174, 233) }
```

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

```
.background{ background-color: rgb(234,  
174, 233) }
```

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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