

Converting Colors

XYZ(63.4003, 53.0762, 75.3098)

Have a look what the booklet for
XYZ(63.4003, 53.0762, 75.3098)
contains.

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Color

**XYZ(63.4003, 53.0762,
75.3098)**

Conversions

Conversions Part 1

Format	Color
Hex	EFACDD
RGB	239, 172, 221
RGB Percent	94%, 67%, 87%
CMY	0.0627, 0.3255, 0.1333
CMYK	0.00, 0.28, 0.08, 0.06
HSL	316°, 68%, 81%
HSV	316°, 28%, 94%
XYZ	63.4003, 53.0762, 75.3098
YIQ	197.6190, 24.2030, 29.4430

Conversions

Conversions Part 2

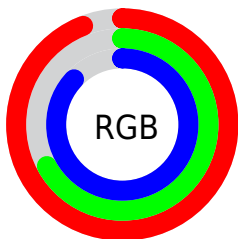
Format	Color
R _Y B	239, 172, 221
Decimal	15707357
CIE Lab	77.92, 32.04, -14.94
CIE LCh	78, 35.357, 335.002
Yxy	53.0762, 0.3306, 0.2767
Android (android.graphics.Color)	4293897437 (0xFFEFACDD)
YUV	197.6190, 11.5268, 36.2911
Hunter-Lab	72.8534, 27.8452, -10.2917

Details

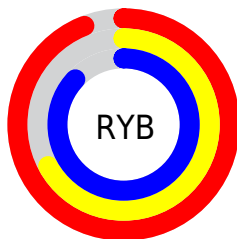
The XYZ color **63.4003, 53.0762, 75.3098** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **57.1762, 74.2230, 60.0314**, and the grayscale version is **53.3687, 56.1481, 61.1452**.

A 20% lighter version of the original color is **87.0334, 83.9668, 106.2278**, and **32.7712, 25.8919, 39.3468** is the 20% darker color. If you saturate the color by 10%, you get **58.4153, 44.4485, 69.5078**, and if you desaturate by 10%, it is **69.2392, 63.3576, 81.5591**.

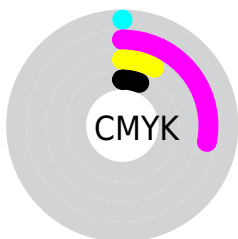
Distribution



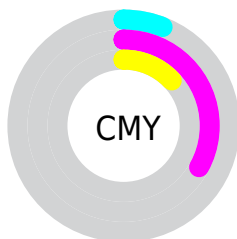
- Red (94%)
- Green (67%)
- Blue (87%)



- Red (94%)
- Yellow (67%)
- Blue (87%)



- Cyan (0%)
- Magenta (28%)
- Yellow (8%)
- Black (6%)





- Cyan (6%)
- Magenta (33%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.4003, 53.0762, 75.3098 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 63.4003, 53.0762, 75.3098 by changing the saturation by 10% instead.

 63.4003, 53.0762,
75.3098

 63.4003, 53.0762,
75.3098


426.6574,
398.5774, 498.2655

 46.4250, 37.8636,
55.3635

 108.8254, 94.7165,
128.5019

 32.7874, 25.8768,
39.2922

138.0059,
121.9130, 162.5848

 22.1220, 16.7315,
26.6776


171.9855,
153.8729, 202.2170

 14.0637, 10.0433,
17.1009

211.1295,
190.9806, 247.8169

 8.2470, 5.4277,
10.1438

255.8034,
233.6205, 299.8032

 4.3065, 2.5003,
5.3875

306.3724,

 1.8770, 0.8768,

282.1770, 358.5944

2.4137

363.2020,
337.0345, 424.6090

■ 0.5634, 0.0000,
0.7939

■ 0.0000, 0.0000,
0.0000

■ 63.4003, 53.0762,
75.3098

■ 63.4003, 53.0762,
75.3098

■ 58.4153, 44.4485,
69.5078

■ 69.2392, 63.3576,
81.5591

■ 54.2351, 37.3796,
64.1331

■ 75.9681, 75.3670,
88.2677

■ 50.8131, 31.7757,
59.1691

■ 83.6269, 89.1825,
95.4512

■ 48.0955, 27.5302,
54.5959

■ 88.0972, 96.5670,
101.7385

■ 46.0215, 24.5218,
50.3914

■ 89.1039, 96.9697,
107.0396

■ 44.5192, 22.6074,
46.5297

■ 89.4071, 97.0910,
108.6359

■ 43.4897, 21.5897,
42.9759

■ 43.3140, 21.4377,
42.3029

Harmonies

Analogous

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



58.4153, 53.0762, 94.6762



63.4003, 53.0762, 75.3098



64.7938, 53.0762, 54.5530

Triad

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



63.4003, 53.0762, 75.3098



49.3037, 53.0762, 27.6879



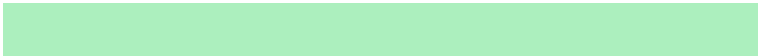
40.3762, 53.0762, 82.3377

Complementary

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



63.4003, 53.0762, 75.3098



57.1762, 74.2230, 60.0314

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.



38.3922, 53.0762, 61.1545



63.4003, 53.0762, 75.3098



43.2390, 53.0762, 31.9978

Square

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



63.4003, 53.0762, 75.3098



56.2418, 53.0762, 29.8236



39.3909, 53.0762, 43.2243



45.0652, 53.0762, 99.3371

Rectangle

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



63.4003, 53.0762, 75.3098



63.3999, 53.0762, 43.2227



39.3909, 53.0762, 43.2243



39.3912, 53.0762, 75.3121

Sweetspot

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



63.4019, 53.0786, 75.3109



88.0139, 87.3199, 102.2631



51.5367, 46.6697, 87.9543



18.5721, 18.2122, 21.6299



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.



63.4019, 53.0786, 75.3109



69.8218, 55.1857, 83.0968



59.3887, 51.4733, 54.1777



16.2624, 15.9547, 18.9382



23.9935, 11.8698, 23.6800



2.0372, 1.0039, 2.1867

Inverse Universe

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



63.4019, 53.0786, 75.3109



69.8218, 55.1857, 83.0968



61.2504, 75.8527, 81.4859



16.2624, 15.9547, 18.9382



23.9935, 11.8698, 23.6800



2.0372, 1.0039, 2.1867

Previews

White Background



This preview shows how the XYZ color 63.4003, 53.0762, 75.3098 looks on a white background.

Color Contrast Check

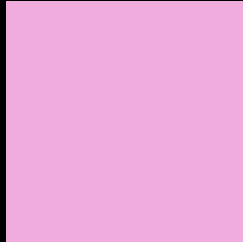
Large Text (above 18pt) WCAG AA × Fail

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 63.4003, 53.0762, 75.3098 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 63.4003, 53.0762, 75.3098

Background



This preview shows how black text looks on a background with the XYZ color 63.4003, 53.0762, 75.3098.



This preview shows how white text looks on a background with the XYZ color 63.4003, 53.0762,

75.3098.

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

63.4003, 53.0762, 75.3098

Protanopia

53.2492, 53.3925, 85.3411

Deuteranopia

54.4575, 53.3078, 73.7489



Tritanopia

59.3871, 52.8680, 56.3647

Trichromacy



Original Color

63.4003, 53.0762, 75.3098



Protanomaly

56.1852, 52.7755, 81.3542



Deuteranomaly

57.2457, 52.8665, 74.2049



Tritanomaly

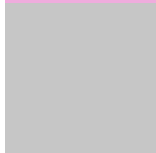
60.5827, 52.7571, 62.8672

Monochromacy



Original Color

63.4003, 53.0762, 75.3098



Achromatopsia

53.6758, 56.4712, 61.4971



Achromatomaly

56.7787, 54.9976, 66.0155

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.4003, 53.0762, 75.3098 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(239, 172, 221)` looks like.

```
.text, #text, p{  
    color:rgb(239, 172, 221)  
}
```

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(239, 172, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 172, 221) }
```

Border

The CSS property to change the border of an element to XYZ 63.4003, 53.0762, 75.3098 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(239, 172, 221) }
```


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

```
.border{ border-color:rgb(239, 172, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 172, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 172, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 172, 221);  
box-shadow:4px 4px 4px 4px rgb(239, 172,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 63.4003, 53.0762, 75.3098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 172, 221) }
```

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

```
.background{ background-color: rgb(239,  
172, 221) }
```

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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