

Converting Colors

XYZ(63.4103, 52.8116, 75.4165)

Have a look what the booklet for
XYZ(63.4103, 52.8116, 75.4165)
contains.

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Color

**XYZ(63.2107, 52.6970,
75.2466)**

Conversions

Conversions Part 1

Format	Color
Hex	EFABDD
RGB	239, 171, 221
RGB Percent	94%, 67%, 87%
CMY	0.0627, 0.3294, 0.1333
CMYK	0.00, 0.28, 0.08, 0.06
HSL	316°, 68%, 80%
HSV	316°, 28%, 94%
XYZ	63.2107, 52.6970, 75.2466
YIQ	197.0320, 24.4780, 29.9660

Conversions

Conversions Part 2

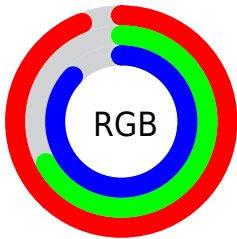
Format	Color
RYB	239, 171, 221
Decimal	15707101
CIELab	77.70, 32.58, -15.28
CIELCh	78, 35.980, 334.872
Yxy	52.6970, 0.3307, 0.2757
Android (android.graphics.Color)	4293897181 (0xFFEFABDD)
YUV	197.0320, 11.8162, 36.8059
Hunter-Lab	72.5927, 28.3931, -10.6427

Details

The XYZ color **63.2107, 52.6970, 75.2466** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **56.8486, 74.0667, 59.4474**, and the grayscale version is **53.0122, 55.7729, 60.7367**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **32.6528, 25.6551, 39.3073** is the 20% darker color. If you saturate the color by 10%, you get **58.2711, 44.1407, 69.5194**, and if you desaturate by 10%, it is **69.0015, 62.9031, 81.4154**.

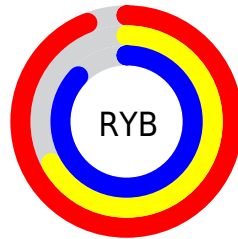
Distribution



Red (94%)

Green (67%)

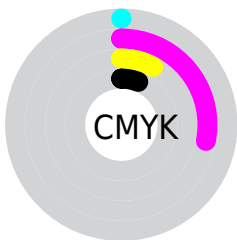
Blue (87%)



Red (94%)

Yellow (67%)

Blue (87%)

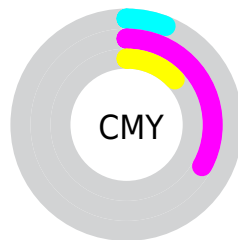


Cyan (0%)

Magenta (28%)

Yellow (8%)

Black (6%)



Cyan (6%)

Magenta (33%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.2107, 52.6970, 75.2466 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 63.2107, 52.6970, 75.2466 by changing the saturation by 10% instead.

63.2107, 52.6970,
75.2466

63.2107, 52.6970,
75.2466

425.9813,
397.1215, 498.0428

46.2710, 37.5609,
55.3120

108.5535, 94.1584,
128.4117

32.6652, 25.6421,
39.2513

137.6874,
121.2524, 162.4792

22.0281, 16.5561,
26.6459

171.6166,
153.1013, 202.0948

13.9943, 9.9185,
17.0774

210.7066,
190.0894, 247.6771

8.1984, 5.3450,
10.1272

255.3227,
232.6011, 299.6444

4.2750, 2.4510,
5.3766

305.8303,

1.8589, 0.8520,

281.0207, 358.4155

2.4073

362.5947,
335.7328, 424.4087

■ 0.5528, 0.0000,
0.7904

■ 0.0000, 0.0000,
0.0000

■ 63.2107, 52.6970,
75.2466

■ 63.2107, 52.6970,
75.2466

■ 58.2711, 44.1407,
69.5194

■ 69.0015, 62.9031,
81.4154

■ 54.1334, 37.1390,
64.2141

■ 75.6797, 74.8334,
88.0379

■ 50.7509, 31.5978,
59.3137

■ 83.2852, 88.5664,
95.1295

■ 48.0696, 27.4098,
54.7987

■ 88.0391, 96.5438,
101.4323

■ 46.0282, 24.4530,
50.6467

■ 89.0287, 96.9396,
106.6437

■ 44.5543, 22.5834,
46.8319

■ 89.4071, 97.0910,
108.6359

■ 43.5444, 21.5942,
43.3178

■ 43.4070, 21.4749,
42.7924

Harmonies

Analogous

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



58.1373, 52.6970, 94.9302



63.2107, 52.6970, 75.2466



64.6444, 52.6970, 54.1831

Triad

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



63.2107, 52.6970, 75.2466



48.9585, 52.6970, 27.0281



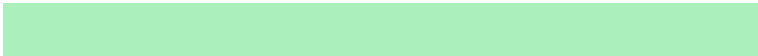
39.8872, 52.6970, 82.2080

Complementary

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



63.2107, 52.6970, 75.2466



56.8486, 74.0667, 59.4474

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.



37.8975, 52.6970, 60.6962



63.2107, 52.6970, 75.2466



42.8163, 52.6970, 31.3213

Square

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



63.2107, 52.6970, 75.2466



55.9893, 52.6970, 29.1964



38.9183, 52.6970, 42.5891



44.6147, 52.6970, 99.5584

Rectangle

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



63.2107, 52.6970, 75.2466



63.2402, 52.6970, 42.7164



38.9183, 52.6970, 42.5891



38.8970, 52.6970, 75.0609

Sweetspot

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



63.2123, 52.6994, 75.2477



87.1978, 85.8362, 101.5331



50.8843, 46.0519, 87.8694



18.4100, 17.9169, 21.4863



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.



63.2123, 52.6994, 75.2477



69.8704, 55.2051, 83.3530



59.2386, 51.1099, 54.3224



16.2652, 15.9558, 18.9528



24.0444, 11.8902, 23.9481



2.0411, 1.0055, 2.2072

Inverse Universe

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



63.2123, 52.6994, 75.2477



69.8704, 55.2051, 83.3530



60.8478, 75.6664, 80.5070



16.2652, 15.9558, 18.9528



24.0444, 11.8902, 23.9481



2.0411, 1.0055, 2.2072

Previews

White Background



This preview shows how the XYZ color 63.2107, 52.6970, 75.2466 looks on a white background.

Color Contrast Check

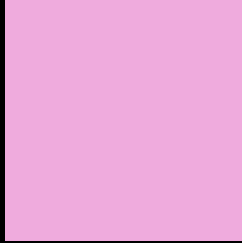
Large Text (above 18pt) WCAG AA × Fail

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 63.2107, 52.6970, 75.2466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

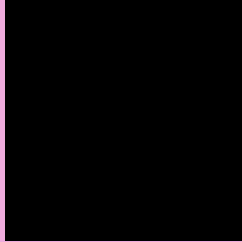
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.2107, 52.6970, 75.2466

Background



This preview shows how black text looks on a background with the XYZ color 63.2107, 52.6970, 75.2466.



This preview shows how white text looks on a background with the XYZ color 63.2107, 52.6970,

75.2466.

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

63.2107, 52.6970, 75.2466

Protanopia

53.0105, 53.2694, 85.3300

Deuteranopia

53.9784, 52.7447, 73.6654



Tritanopia

59.2774, 52.8242, 55.7870

Trichromacy



Original Color

63.2107, 52.6970, 75.2466



Protanomaly

55.9119, 52.6346, 81.3414



Deuteranomaly

57.0416, 52.4584, 74.1369



Tritanomaly

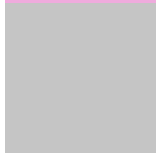
60.4647, 52.7099, 62.2455

Monochromacy



Original Color

63.2107, 52.6970, 75.2466



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

56.2752, 54.4197, 65.9306

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2107, 52.6970, 75.2466 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, 171, 221)` looks like.

```
.text, #text, p{  
    color:rgb(239, 171, 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, 171, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 171, 221) }
```

Border

The CSS property to change the border of an element to XYZ 63.2107, 52.6970, 75.2466 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, 171, 221) }
```


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

```
.border{ border-color:rgb(239, 171, 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, 171, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 171, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 171, 221);  
box-shadow:4px 4px 4px 4px rgb(239, 171,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2107, 52.6970, 75.2466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 171, 221) }
```

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

```
.background{ background-color: rgb(239,  
171, 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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