

Converting Colors

XYZ(62.9678, 52.2858, 92.9734)

Have a look what the booklet for
XYZ(62.9678, 52.2858, 92.9734)
contains.

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Color

**XYZ(63.0392, 52.2124,
93.1417)**

Conversions

Conversions Part 1

Format	Color
Hex	E4ABF5
RGB	228, 171, 245
RGB Percent	89%, 67%, 96%
CMY	0.1059, 0.3294, 0.0392
CMYK	0.07, 0.30, 0.00, 0.04
HSL	286°, 79%, 82%
HSV	286°, 30%, 96%
XYZ	63.0392, 52.2124, 93.1417
YIQ	196.4790, 10.2180, 35.0980

Conversions

Conversions Part 2

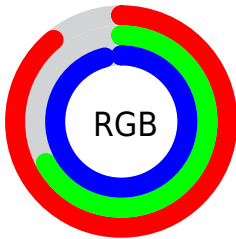
Format	Color
R _Y B	228, 171, 245
Decimal	14986229
CIE Lab	77.41, 33.42, -28.81
CIE LCh	77, 44.124, 319.240
Yxy	52.2124, 0.3025, 0.2505
Android (android.graphics.Color)	4293176309 (0xFFE4ABF5)
YUV	196.4790, 23.9209, 27.6439
Hunter-Lab	72.2581, 29.2746, -25.8449

Details

The XYZ color **63.0392, 52.2124, 93.1417** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **60.7440, 78.9378, 50.5656**, and the grayscale version is **52.6149, 55.3549, 60.2815**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **32.6770, 25.4016, 51.3249** is the 20% darker color. If you saturate the color by 10%, you get **57.0771, 42.8950, 91.6583**, and if you desaturate by 10%, it is **69.9205, 63.2795, 94.9160**.

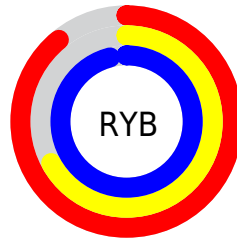
Distribution



Red (89%)

Green (67%)

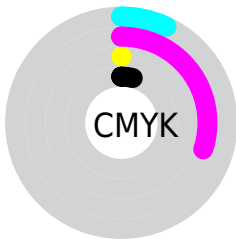
Blue (96%)



Red (89%)

Yellow (67%)

Blue (96%)

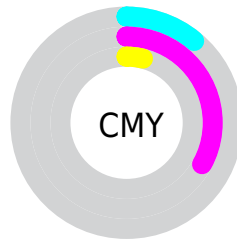


Cyan (7%)

Magenta (30%)

Yellow (0%)

Black (4%)



Cyan (11%)

Magenta (33%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.0392, 52.2124, 93.1417 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 63.0392, 52.2124, 93.1417 by changing the saturation by 10% instead.

63.0392, 52.2124,
93.1417

63.0392, 52.2124,
93.1417

425.3691,
395.2560, 559.0302

46.1317, 37.1744,
70.0010

108.3076, 93.4444,
153.6682

32.5548, 25.3426,
51.0505

137.3991,
120.4072, 191.8910

21.9432, 16.3325,
35.8718

171.2827,
152.1137, 235.9783

13.9316, 9.7597,
24.0463

210.3238,
188.9484, 286.3485

8.1545, 5.2399,
15.1554

254.8876,
231.2955, 343.4203

4.2466, 2.3887,
8.7807

305.3395,

1.8426, 0.8201,

279.5396, 407.6122

4.5036

362.0449,
334.0650, 479.3426

■ 0.5431, 0.0000,
1.9055

■ 0.0000, 0.0000,
0.4962

■ 63.0392, 52.2124,
93.1417

■ 63.0392, 52.2124,
93.1417

■ 57.0771, 42.8950,
91.6583

■ 69.9205, 63.2795,
94.9160

■ 51.9811, 35.2255,
90.4465

■ 77.7602, 76.1776,
96.9924

■ 47.7003, 29.1017,
89.4901

■ 86.6014, 90.9908,
99.3856

■ 44.1760, 24.4069,
88.7697

■ 91.8510, 98.5320,
100.5645

41.3411, 21.0080,
88.2631

93.4816, 99.3726,
100.6408

39.1157, 18.7460,
87.9437

37.3974, 17.3752,
87.7697

Harmonies

Analogous

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



55.1993, 52.2124, 113.3651



63.0392, 52.2124, 93.1417



67.4432, 52.2124, 66.0284

Triad

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



63.0392, 52.2124, 93.1417



52.7353, 52.2124, 22.1918



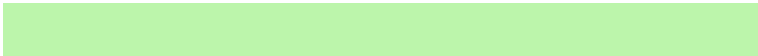
35.7605, 52.2124, 73.6804

Complementary

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



63.0392, 52.2124, 93.1417



60.7440, 78.9378, 50.5656

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.



35.2610, 52.2124, 48.5650



63.0392, 52.2124, 93.1417



44.4416, 52.2124, 23.1607

Square

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



63.0392, 52.2124, 93.1417



61.0594, 52.2124, 28.2935



38.2652, 52.2124, 31.4740



39.7177, 52.2124, 100.0979

Rectangle

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



63.0392, 52.2124, 93.1417



67.5355, 52.2124, 49.6727



38.2652, 52.2124, 31.4740



35.2012, 52.2124, 64.6883

Sweetspot

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



63.0409, 52.2146, 93.1428



86.2475, 85.2351, 106.5140



51.3184, 51.3334, 93.5906



18.1741, 17.7677, 22.7216



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.



63.0409, 52.2146, 93.1428



65.0850, 50.9627, 101.0142



65.8477, 53.9913, 78.3774



16.8196, 16.5652, 20.8535



20.2733, 9.4256, 47.2888



1.8703, 0.8740, 4.1604

Inverse Universe

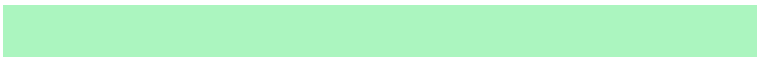
The Inverse Universe completely reimagines the original color for something new.



61.2980, 52.1714, 54.4188



63.0549, 50.9983, 52.0270



58.8235, 77.7140, 61.0388



16.6551, 16.5449, 17.9302



20.7179, 10.6306, 3.2229



1.8587, 0.9494, 0.4823

Previews

White Background



This preview shows how the XYZ color 63.0392, 52.2124, 93.1417 looks on a white background.

Color Contrast Check

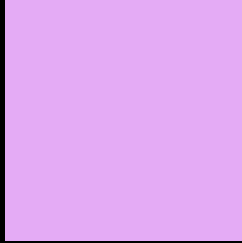
Large Text (above 18pt) WCAG AA × Fail

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 63.0392, 52.2124, 93.1417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

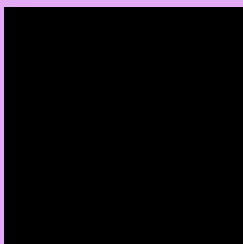
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.0392, 52.2124, 93.1417

Background



This preview shows how black text looks on a background with the XYZ color 63.0392, 52.2124, 93.1417.



This preview shows how white text looks on a background with the XYZ color 63.0392, 52.2124,

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

63.0392, 52.2124, 93.1417

Protanopia

53.4812, 52.4994, 101.9224

Deuteranopia

53.7774, 52.5676, 91.3166



Tritanopia

56.1930, 52.3600, 58.7746

Trichromacy



Original Color

63.0392, 52.2124, 93.1417



Protanomaly

56.1329, 51.7584, 98.2986



Deuteranomaly

56.7250, 52.2063, 91.8811



Tritanomaly

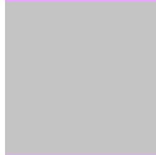
58.4729, 52.0957, 69.9244

Monochromacy



Original Color

63.0392, 52.2124, 93.1417



Achromatopsia

52.4687, 55.2011, 60.1140



Achromatomaly

55.9203, 53.8056, 71.0565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0392, 52.2124, 93.1417 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(228, 171, 245)` looks like.

```
.text, #text, p{  
    color:rgb(228, 171, 245)  
}
```

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(228, 171, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 171, 245) }
```

Border

The CSS property to change the border of an element to XYZ 63.0392, 52.2124, 93.1417 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(228, 171, 245) }
```


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

```
.border{ border-color:rgb(228, 171, 245) }
```

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

Here you see how a box with a 4 pixel rgb(228, 171, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 171, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 171, 245);  
box-shadow:4px 4px 4px 4px rgb(228, 171,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0392, 52.2124, 93.1417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 171, 245) }
```

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

```
.background{ background-color: rgb(228,  
171, 245) }
```

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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