

Converting Colors

XYZ(59.5360, 52.1250, 71.7129)

Have a look what the booklet for
XYZ(59.5360, 52.1250, 71.7129)
contains.

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Color

**XYZ(59.4032, 51.9487,
71.8620)**

Conversions

Conversions Part 1

Format	Color
Hex	E3AFD8
RGB	227, 175, 216
RGB Percent	89%, 69%, 85%
CMY	0.1098, 0.3137, 0.1529
CMYK	0.00, 0.23, 0.05, 0.11
HSL	313°, 48%, 79%
HSV	313°, 23%, 89%
XYZ	59.4032, 51.9487, 71.8620
YIQ	195.2220, 17.8310, 23.7750

Conversions

Conversions Part 2

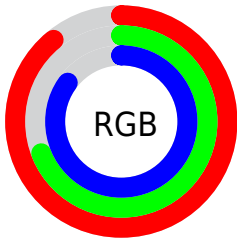
Format	Color
R _Y B	227, 175, 216
Decimal	14921688
CIE Lab	77.25, 25.55, -13.35
CIE LCh	77, 28.831, 332.405
Yxy	51.9487, 0.3242, 0.2835
Android (android.graphics.Color)	4293111768 (0xFFE3AFD8)
YUV	195.2220, 10.2436, 27.8693
Hunter-Lab	72.0754, 20.9842, -8.6616

Details

The XYZ color **59.4032, 51.9487, 71.8620** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.0133, 67.5988, 56.6584**, and the grayscale version is **51.9388, 54.6436, 59.5069**.

A 20% lighter version of the original color is **87.8659, 85.6318, 106.5053**, and **30.1871, 25.1502, 36.9817** is the 20% darker color. If you saturate the color by 10%, you get **54.7396, 43.5999, 67.2893**, and if you desaturate by 10%, it is **64.8307, 61.7947, 76.7801**.

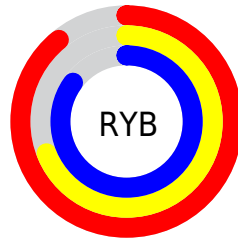
Distribution



Red (89%)

Green (69%)

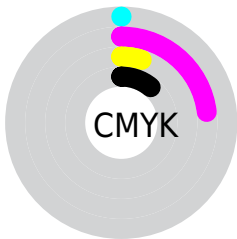
Blue (85%)



Red (89%)

Yellow (69%)

Blue (85%)

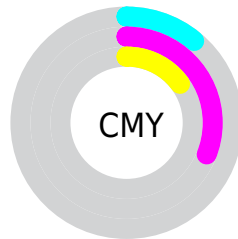


Cyan (0%)

Magenta (23%)

Yellow (5%)

Black (11%)



Cyan (11%)


Magenta (31%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.4032, 51.9487, 71.8620 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 59.4032, 51.9487, 71.8620 by changing the saturation by 10% instead.


 59.4032, 51.9487,
71.8620

 59.4032, 51.9487,
71.8620


412.2646,
394.2385, 486.0258

 43.1854, 36.9642,
52.5598


 103.0747, 93.0556,
123.5662

 30.2258, 25.1798,
37.0662


131.2592,
119.9467, 156.8053

 20.1589, 16.2110,
24.9625

164.1632,
151.5756, 195.5271

 12.6196, 9.6736,
15.8304

202.1521,
188.3264, 240.1502

 7.2423, 5.1831,
9.2512

245.5914,
230.5838, 291.0930

 3.6618, 2.3551,
4.8063

294.8463,

 1.5126, 0.8026,

278.7320, 348.7742

2.0773

350.2823,
333.1554, 413.6123

■ 0.3344, 0.0000,
0.6022

■ 0.0000, 0.0000,
0.0000

■ 59.4032, 51.9487,
71.8620

■ 59.4032, 51.9487,
71.8620

■ 54.7396, 43.5999,
67.2893

■ 64.8307, 61.7947,
76.7801

■ 50.7979, 36.6670,
63.0454

■ 71.0521, 73.2000,
82.0524

■ 47.5394, 31.0717,
59.1173

■ 78.1015, 86.2316,
87.6918

■ 44.9194, 26.7252,
55.4893

■ 82.4648, 93.8614,
92.5276

42.8880, 23.5280,
52.1439

83.1691, 94.1431,
96.2361

41.3877, 21.3652,
49.0613

83.8922, 94.4324,
100.0441

40.3491, 20.0981,
46.2174

84.6344, 94.7293,
103.9523

39.8134, 19.5849,
44.3178

85.3957, 95.0338,
107.9615

85.4889, 95.0711,
108.4526

Harmonies

Analogous

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



55.2912, 51.9487, 86.3398



59.4032, 51.9487, 71.8620



60.7702, 51.9487, 55.2962

Triad

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



59.4032, 51.9487, 71.8620



48.9312, 51.9487, 31.2828



40.9375, 51.9487, 74.4873

Complementary

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



59.4032, 51.9487, 71.8620



54.0133, 67.5988, 56.6584

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.



39.5027, 51.9487, 57.8497



59.4032, 51.9487, 71.8620



43.8979, 51.9487, 34.5658

Square

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



59.4032, 51.9487, 71.8620



54.4627, 51.9487, 33.6545



40.5453, 51.9487, 43.6063



44.6157, 51.9487, 88.0435

Rectangle

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



59.4032, 51.9487, 71.8620



59.8644, 51.9487, 45.7400



40.5453, 51.9487, 43.6063



40.1898, 51.9487, 68.9720

Sweetspot

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



59.4048, 51.9510, 71.8631



89.0155, 88.8944, 103.9185



49.3016, 46.5728, 79.0649



18.9469, 18.8325, 22.1533



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.



59.4048, 51.9510, 71.8631



74.6233, 62.7582, 90.9572



56.3704, 50.7372, 55.8843



14.8577, 14.5603, 17.4508



23.2632, 11.4395, 26.0788



1.7518, 0.8584, 2.0997

Inverse Universe

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



59.4048, 51.9510, 71.8631



74.6233, 62.7582, 90.9572



56.9582, 68.7768, 72.1661



14.8577, 14.5603, 17.4508



23.2632, 11.4395, 26.0788



1.7518, 0.8584, 2.0997

Previews

White Background



This preview shows how the XYZ color 59.4032, 51.9487, 71.8620 looks on a white background.

Color Contrast Check

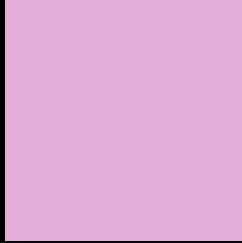
Large Text (above 18pt) WCAG AA × Fail

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 59.4032, 51.9487, 71.8620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

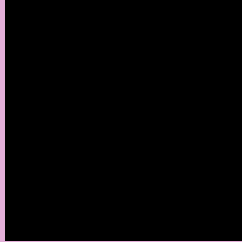
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.4032, 51.9487, 71.8620

Background



This preview shows how black text looks on a background with the XYZ color 59.4032, 51.9487, 71.8620.



This preview shows how white text looks on a background with the XYZ color 59.4032, 51.9487,

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

59.4032, 51.9487, 71.8620

Protanopia

51.5554, 52.0218, 78.5581

Deuteranopia

53.2497, 52.1150, 70.8710



Tritanopia

56.4862, 51.9377, 57.4999

Trichromacy



Original Color

59.4032, 51.9487, 71.8620

Protanomaly

54.1447, 51.8343, 76.2585

Deuteranomaly

55.2882, 51.9175, 71.3971

Tritanomaly

57.5143, 52.0654, 62.2766

Monochromacy



Original Color

59.4032, 51.9487, 71.8620

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

54.4948, 53.5436, 63.9627

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4032, 51.9487, 71.8620 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(227, 175, 216)` looks like.

```
.text, #text, p{  
    color:rgb(227, 175, 216)  
}
```

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(227, 175, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 175, 216) }
```

Border

The CSS property to change the border of an element to XYZ 59.4032, 51.9487, 71.8620 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(227, 175, 216) }
```


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

```
.border{ border-color:rgb(227, 175, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 175, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 175, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 175, 216);  
box-shadow:4px 4px 4px 4px rgb(227, 175,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4032, 51.9487, 71.8620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 175, 216) }
```

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

```
.background{ background-color: rgb(227,  
175, 216) }
```

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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