

Converting Colors

XYZ(63.3599, 52.8119, 95.9333)

Have a look what the booklet for
XYZ(63.3599, 52.8119, 95.9333)
contains.

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Color

**XYZ(63.2509, 52.8332,
95.6711)**

Conversions

Conversions Part 1

Format	Color
Hex	E2ADF8
RGB	226, 173, 248
RGB Percent	89%, 68%, 97%
CMY	0.1137, 0.3215, 0.0274
CMYK	0.09, 0.30, 0.00, 0.03
HSL	282°, 84%, 83%
HSV	282°, 30%, 97%
XYZ	63.2509, 52.8332, 95.6711
YIQ	197.3970, 7.5130, 34.5610

Conversions

Conversions Part 2

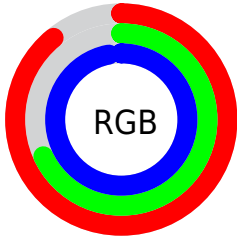
Format	Color
R _Y B	226, 173, 248
Decimal	14855672
CIE Lab	77.78, 32.32, -29.88
CIE LCh	78, 44.013, 317.250
Yxy	52.8332, 0.2987, 0.2495
Android (android.graphics.Color)	4293045752 (0xFFE2ADF8)
YUV	197.3970, 24.9473, 25.0848
Hunter-Lab	72.6864, 28.1273, -27.1580

Details

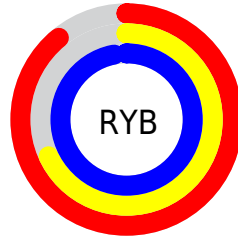
The XYZ color **63.2509, 52.8332, 95.6711** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **63.6176, 81.7553, 51.9649**, and the grayscale version is **53.1630, 55.9316, 60.9095**.

A 20% lighter version of the original color is **87.3093, 84.5186, 106.3198**, and **32.6980, 25.7406, 52.5353** is the 20% darker color. If you saturate the color by 10%, you get **56.6969, 43.0393, 94.1269**, and if you desaturate by 10%, it is **70.7877, 64.4467, 97.5163**.

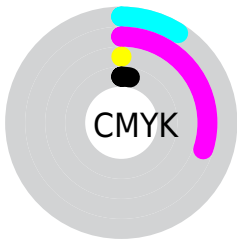
Distribution



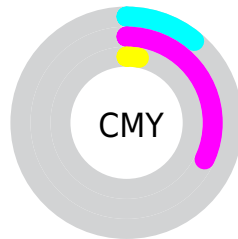
- Red (89%)
- Green (68%)
- Blue (97%)



- Red (89%)
- Yellow (68%)
- Blue (97%)



- Cyan (9%)
- Magenta (30%)
- Yellow (0%)
- Black (3%)





- Cyan (11%)
- Magenta (32%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.2509, 52.8332, 95.6711 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 63.2509, 52.8332, 95.6711 by changing the saturation by 10% instead.


 63.2509, 52.8332,
95.6711

 63.2509, 52.8332,
95.6711


426.1247,
397.6448, 567.3503

 46.3036, 37.6696,
72.0937

 108.6112, 94.3589,
157.1950

 32.6911, 25.7264,
52.7479


137.7549,
121.4898, 195.9785

 22.0480, 16.6191,
37.2152

171.6948,
153.3786, 240.6679

 14.0090, 9.9633,
25.0771

210.7963,
190.4097, 291.6815

 8.2087, 5.3746,
15.9149

255.4246,
232.9674, 349.4381

 4.2817, 2.4687,
9.3103

305.9453,

 1.8627, 0.8609,

281.4363, 414.3560

4.8445

362.7235,
336.2006, 486.8539

■ 0.5550, 0.0000,
2.0992

■ 0.0000, 0.0000,
0.6153

■ 63.2509, 52.8332,
95.6711

■ 63.2509, 52.8332,
95.6711

■ 56.6969, 43.0393,
94.1269

■ 70.7877, 64.4467,
97.5163

■ 51.0706, 34.9597,
92.8640

■ 79.3484, 77.9638,
99.6742

■ 46.3186, 28.4888,
91.8654

■ 88.9780, 93.4716,
102.1600

■ 42.3798, 23.5061,
91.1112

■ 93.9434, 99.5574,
103.0729

■ 39.1845, 19.8737,
90.5785

■ 36.6494, 17.4273,
90.2399

■ 34.6797, 15.9208,
90.0530

Harmonies

Analogous

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



55.2396, 52.8332, 115.0670



63.2509, 52.8332, 95.6711



67.9750, 52.8332, 68.5296

Triad

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



63.2509, 52.8332, 95.6711



53.9242, 52.8332, 22.7946



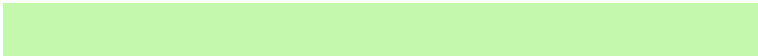
36.1231, 52.8332, 72.6128

Complementary

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



63.2509, 52.8332, 95.6711



63.6176, 81.7553, 51.9649

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.



35.8561, 52.8332, 47.7688



63.2509, 52.8332, 95.6711



45.5073, 52.8332, 23.3136

Square

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



63.2509, 52.8332, 95.6711



62.1945, 52.8332, 29.4649



39.1082, 52.8332, 31.1667



39.8843, 52.8332, 99.3799

Rectangle

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



63.2509, 52.8332, 95.6711



68.3100, 52.8332, 51.7988



39.1082, 52.8332, 31.1667



35.6382, 52.8332, 63.6614

Sweetspot

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



63.2526, 52.8354, 95.6723



85.7272, 84.9669, 106.4897



53.8062, 54.9185, 96.5722



18.0454, 17.7014, 22.7156



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.



63.2526, 52.8354, 95.6723



63.2005, 49.9912, 100.9260



68.3645, 55.7289, 84.2457



17.4681, 17.2540, 21.7950



18.8807, 8.6760, 48.6531



1.8544, 0.8580, 4.5111

Inverse Universe

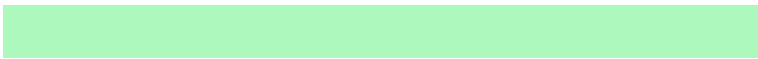
The Inverse Universe completely reimagines the original color for something new.



63.5070, 53.7859, 58.6665



63.6810, 51.2488, 55.3242



59.8799, 79.6512, 59.7975



17.4540, 17.3090, 18.9807



21.6100, 11.0597, 4.6546



2.0456, 1.0420, 0.6635

Previews

White Background



This preview shows how the XYZ color 63.2509, 52.8332, 95.6711 looks on a white background.

Color Contrast Check

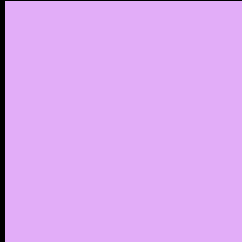
Large Text (above 18pt) WCAG AA × Fail

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 63.2509, 52.8332, 95.6711 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 63.2509, 52.8332, 95.6711

Background



This preview shows how black text looks on a background with the XYZ color 63.2509, 52.8332, 95.6711.



This preview shows how white text looks on a background with the XYZ color 63.2509, 52.8332,

95.6711.

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

63.2509, 52.8332, 95.6711

Protanopia

53.9190, 53.0456, 102.0047

Deuteranopia

54.4462, 53.1781, 93.7810



Tritanopia

55.9250, 52.8036, 60.0679

Trichromacy



Original Color

63.2509, 52.8332, 95.6711



Protanomaly

56.7035, 52.6467, 99.2687



Deuteranomaly

57.1212, 52.6629, 94.3431



Tritanomaly

58.3336, 52.5702, 72.0383

Monochromacy



Original Color

63.2509, 52.8332, 95.6711



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

56.3903, 54.3342, 72.4812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2509, 52.8332, 95.6711 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(226, 173, 248)` looks like.

```
.text, #text, p{  
    color:rgb(226, 173, 248)  
}
```

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(226, 173, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 173, 248) }
```

Border

The CSS property to change the border of an element to XYZ 63.2509, 52.8332, 95.6711 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(226, 173, 248) }
```


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

```
.border{ border-color:rgb(226, 173, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 173, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 173, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 173, 248);  
box-shadow:4px 4px 4px 4px rgb(226, 173,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2509, 52.8332, 95.6711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 173, 248) }
```

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

```
.background{ background-color: rgb(226,  
173, 248) }
```

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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