

Converting Colors

XYZ(56.0064, 43.1053, 95.8730)

Have a look what the booklet for
XYZ(56.0064, 43.1053, 95.8730)
contains.

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Color

**XYZ(55.8932, 43.0110,
95.7985)**

Conversions

Conversions Part 1

Format	Color
Hex	D696FA
RGB	214, 150, 250
RGB Percent	84%, 59%, 98%
CMY	0.1608, 0.4117, 0.0196
CMYK	0.14, 0.40, 0.00, 0.02
HSL	278°, 91%, 78%
HSV	278°, 40%, 98%
XYZ	55.8932, 43.0110, 95.7985
YIQ	180.5360, 6.0440, 44.6680

Conversions

Conversions Part 2

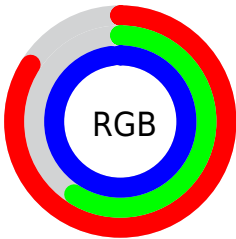
Format	Color
RYB	214, 150, 250
Decimal	14063354
CIELab	71.56, 41.48, -40.67
CIELCh	72, 58.092, 315.559
Yxy	43.0110, 0.2871, 0.2209
Android (android.graphics.Color)	4292253434 (0xFFD696FA)
YUV	180.5360, 34.2458, 29.3479
Hunter-Lab	65.5828, 37.3575, -40.6985

Details

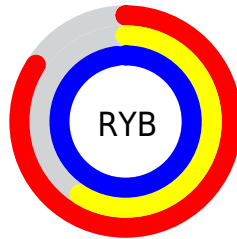
The XYZ color **55.8932, 43.0110, 95.7985** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **59.9417, 81.0134, 41.3340**, and the grayscale version is **43.4911, 45.7560, 49.8283**.

A 20% lighter version of the original color is **81.1213, 72.1426, 104.2571**, and **28.0939, 19.8547, 52.8037** is the 20% darker color. If you saturate the color by 10%, you get **49.7671, 34.5500, 94.4889**, and if you desaturate by 10%, it is **63.0184, 53.2522, 97.4004**.

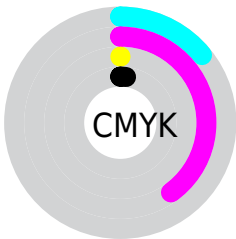
Distribution



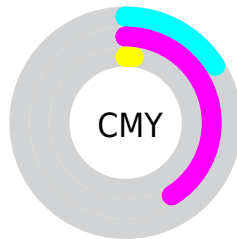
- Red (84%)
- Green (59%)
- Blue (98%)



- Red (84%)
- Yellow (59%)
- Blue (98%)



- Cyan (14%)
- Magenta (40%)
- Yellow (0%)
- Black (2%)





- Cyan (16%)
- Magenta (41%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.8932, 43.0110, 95.7985 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 55.8932, 43.0110, 95.7985 by changing the saturation by 10% instead.


 55.8932, 43.0110,
95.7985


 55.8932, 43.0110,
95.7985


399.3704,
358.6570, 567.7676

 40.3540, 29.8937,
72.1992

 97.9891, 79.7275,
157.3724

 28.0001, 19.7580,
52.8336


 125.2765,
104.0955, 196.1840

 18.4662, 12.2192,
37.2831

157.2107,
132.9825, 240.9035

 11.3869, 6.8932,
25.1293

194.1570,
166.7729, 291.9494

 6.3969, 3.3954,
15.9535

236.4807,
205.8512, 349.7402

 3.1308, 1.3415,
9.3373

284.5473,

 1.2233, 0.1730,

250.6017, 414.6945

4.8620

338.7221,
301.4089, 487.2308

■ 0.1247, 0.0000,
2.1092

■ 0.0000, 0.0000,
0.6212

■ 55.8932, 43.0110,
95.7985

■ 55.8932, 43.0110,
95.7985

■ 49.7671, 34.5500,
94.4889

■ 63.0184, 53.2522,
97.4004

■ 44.5785, 27.7534,
93.4505

■ 71.1902, 65.3691,
99.3085

■ 40.2659, 22.5000,
92.6638

■ 80.4583, 79.4563,
101.5391

■ 36.7568, 18.6490,
92.1054

■ 90.8677, 95.6008,
104.1067

■ 33.9658, 16.0329,
91.7476

■ 94.2554, 99.6822,
104.7159

■ 31.7531, 14.3761,
91.5444

■ 31.7528, 14.3758,
91.5444

Harmonies

Analogous

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



46.1557, 43.0110, 120.6030



55.8932, 43.0110, 95.7985



62.0209, 43.0110, 61.6492

Triad

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



55.8932, 43.0110, 95.7985



45.7713, 43.0110, 11.5639



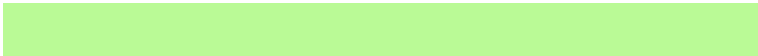
25.2589, 43.0110, 62.8802

Complementary

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



55.8932, 43.0110, 95.7985



59.9417, 81.0134, 41.3340

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.



25.1898, 43.0110, 34.6017



55.8932, 43.0110, 95.7985



36.0237, 43.0110, 11.6716

Square

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



55.8932, 43.0110, 95.7985



55.5733, 43.0110, 17.8666



28.8302, 43.0110, 18.2615



29.0369, 43.0110, 97.0045

Rectangle

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



55.8932, 43.0110, 95.7985



62.6936, 43.0110, 41.7879



28.8302, 43.0110, 18.2615



24.8240, 43.0110, 52.2658

Sweetspot

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



55.8947, 43.0128, 95.7995



82.1160, 79.9768, 105.7168



47.5343, 48.7873, 97.3547



17.2972, 16.6922, 22.5602



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.



55.8947, 43.0128, 95.7995



53.2285, 37.7252, 99.0840



65.5693, 48.2333, 85.7207



17.3515, 17.1938, 21.7895



17.0055, 7.7093, 48.5653



1.6908, 0.7737, 4.5034

Inverse Universe

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



59.1950, 45.6836, 52.1540



57.4752, 41.0867, 46.3208



53.4055, 77.5126, 46.9557



17.5028, 17.3285, 19.2374



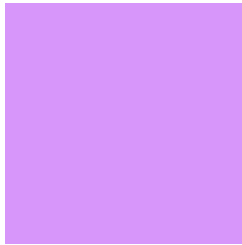
21.9532, 11.1970, 6.4621



2.0819, 1.0565, 0.8549

Previews

White Background



This preview shows how the XYZ color 55.8932, 43.0110, 95.7985 looks on a white background.

Color Contrast Check

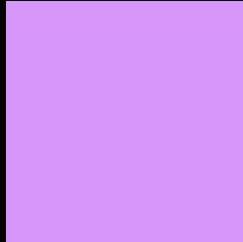
Large Text (above 18pt) WCAG AA × Fail

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 55.8932, 43.0110, 95.7985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

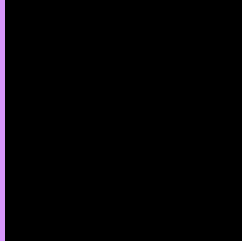
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.8932, 43.0110, 95.7985

Background



This preview shows how black text looks on a background with the XYZ color 55.8932, 43.0110, 95.7985.



This preview shows how white text looks on a background with the XYZ color 55.8932, 43.0110,

95.7985.

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

55.8932, 43.0110, 95.7985

Protanopia

45.2063, 43.4030, 100.6027

Deuteranopia

44.3800, 43.4440, 92.4327



Tritanopia

46.1196, 42.8211, 47.9540

Trichromacy



Original Color

55.8932, 43.0110, 95.7985



Protanomaly

48.1980, 42.7728, 98.6442



Deuteranomaly

47.6992, 42.6243, 93.7090



Tritanomaly

49.2020, 42.7666, 62.7883

Monochromacy



Original Color

55.8932, 43.0110, 95.7985



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

47.5076, 44.5431, 64.4863

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8932, 43.0110, 95.7985 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(214, 150, 250)` looks like.

```
.text, #text, p{  
    color:rgb(214, 150, 250)  
}
```

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(214, 150, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 150, 250) }
```

Border

The CSS property to change the border of an element to XYZ 55.8932, 43.0110, 95.7985 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(214, 150, 250) }
```


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

```
.border{ border-color:rgb(214, 150, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 150, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 150, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 150, 250);  
box-shadow:4px 4px 4px 4px rgb(214, 150,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8932, 43.0110, 95.7985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 150, 250) }
```

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

```
.background{ background-color: rgb(214,  
150, 250) }
```

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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