

Converting Colors

XYZ(56.1883, 49.7115, 96.9941)

Have a look what the booklet for
XYZ(56.1883, 49.7115, 96.9941)
contains.

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Color

**XYZ(56.1385, 49.7042,
97.0775)**

Conversions

Conversions Part 1

Format	Color
Hex	C7AFFA
RGB	199, 175, 250
RGB Percent	78%, 69%, 98%
CMY	0.2196, 0.3137, 0.0196
CMYK	0.20, 0.30, 0.00, 0.02
HSL	259°, 88%, 83%
HSV	259°, 30%, 98%
XYZ	56.1385, 49.7042, 97.0775
YIQ	190.7260, -9.7710, 28.4130

Conversions

Conversions Part 2

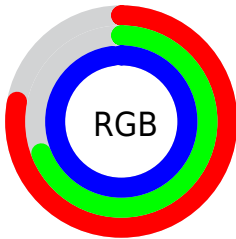
Format	Color
R_{YB}	199, 175, 250
Decimal	13086714
CIE _{Lab}	75.89, 23.45, -34.07
CIE _{LCh}	76, 41.355, 304.536
Yxy	49.7042, 0.2767, 0.2449
Android (android.graphics.Color)	4291276794 (0xFFC7AFFA)
YUV	190.7260, 29.2221, 7.2563
Hunter-Lab	70.5012, 18.7584, -32.2892

Details

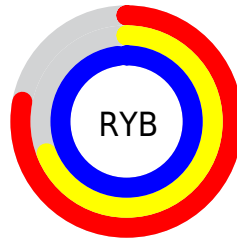
The XYZ color **56.1385, 49.7042, 97.0775** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **73.2889, 87.6362, 53.6123**, and the grayscale version is **49.2043, 51.7668, 56.3740**.

A 20% lighter version of the original color is **87.8659, 85.6318, 106.5053**, and **28.0868, 23.6986, 53.5460** is the 20% darker color. If you saturate the color by 10%, you get **47.4545, 38.6616, 95.4046**, and if you desaturate by 10%, it is **66.2305, 62.8120, 99.0765**.

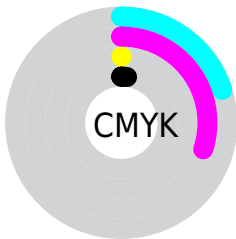
Distribution



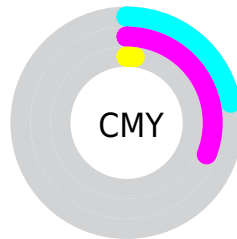
- Red (78%)
- Green (69%)
- Blue (98%)



- Red (78%)
- Yellow (69%)
- Blue (98%)



- Cyan (20%)
- Magenta (30%)
- Yellow (0%)
- Black (2%)



- Cyan (22%)
- Magenta (31%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.1385, 49.7042, 97.0775 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 56.1385, 49.7042, 97.0775 by changing the saturation by 10% instead.

■ 56.1385, 49.7042,
97.0775

■ 56.1385, 49.7042,
97.0775

400.2798,
385.5081, 571.9481

■ 40.5514, 35.1784,
73.2589

■ 98.3457, 89.7365,
159.1518

■ 28.1549, 23.8003,
53.6946

125.6965,
116.0117, 198.2446

■ 18.5835, 15.1856,
37.9660

157.6993,
146.9723, 243.2659

■ 11.4719, 8.9497,
25.6547

194.7193,
183.0025, 294.6341

■ 6.4548, 4.7084,
16.3420

237.1221,
224.4868, 352.7679

■ 3.1668, 2.0772,
9.6095

285.2728,

■ 1.2426, 0.6518,

271.8095, 418.0858

5.0386

339.5369,
325.3552, 491.0064

■ 0.1396, 0.0000,
2.2108

■ 0.0000, 0.0000,
0.6806

■ 56.1385, 49.7042,
97.0775

■ 56.1385, 49.7042,
97.0775

■ 47.4545, 38.6616,
95.4046

■ 66.2305, 62.8120,
99.0765

■ 40.1071, 29.5700,
94.0370

■ 77.7871, 78.0791,
101.4142

■ 34.0262, 22.3134,
92.9568

■ 90.8679, 95.6007,
104.1068

■ 29.1322, 16.7603,
92.1429

■ 94.2555, 99.6822,
104.7161

■ 25.3359, 12.7612,
91.5711

■ 22.5331, 10.1391,
91.2127

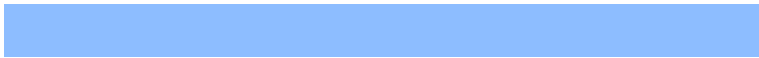
■ 20.5639, 8.6078,
91.0209

■ 20.5637, 8.6076,
91.0209

Harmonies

Analogous

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



48.4225, 49.7042, 108.3160



56.1385, 49.7042, 97.0775



61.9024, 49.7042, 74.4623

Triad

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



56.1385, 49.7042, 97.0775



53.8946, 49.7042, 24.1645



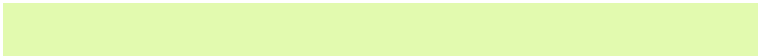
33.9725, 49.7042, 57.5413

Complementary

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



56.1385, 49.7042, 97.0775



73.2889, 87.6362, 53.6123

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.



35.1014, 49.7042, 37.8665



56.1385, 49.7042, 97.0775



46.0815, 49.7042, 21.9109

Square

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



56.1385, 49.7042, 97.0775



60.5114, 49.7042, 33.4724



39.3395, 49.7042, 26.1761



36.0704, 49.7042, 81.8782

Rectangle

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



56.1385, 49.7042, 97.0775



63.5578, 49.7042, 58.2558



39.3395, 49.7042, 26.1761



33.9892, 49.7042, 50.1837

Sweetspot

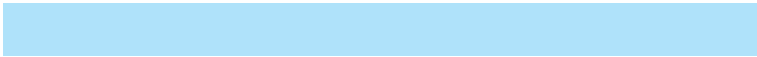
The Sweet Spot groups the original color and five complimentary colors.



56.1402, 49.7062, 97.0786



82.6504, 83.3807, 106.3457



62.2005, 70.5465, 100.7818



17.2879, 17.3109, 22.6801



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.



56.1402, 49.7062, 97.0786



53.0670, 44.7672, 100.4517



67.2619, 55.4397, 97.5991



16.8059, 16.9125, 21.7640



11.0395, 4.6337, 48.2861



1.1278, 0.4835, 4.4771

Inverse Universe

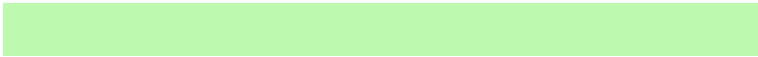
The Inverse Universe completely reimagines the original color for something new.



68.4832, 56.4768, 79.2448



68.0487, 52.9959, 78.3242



62.8493, 82.2544, 53.1237



17.7429, 17.4245, 20.5017



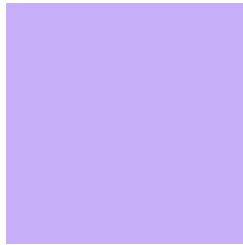
24.8291, 12.3474, 21.6062



2.3479, 1.1629, 2.2554

Previews

White Background



This preview shows how the XYZ color 56.1385, 49.7042, 97.0775 looks on a white background.

Color Contrast Check

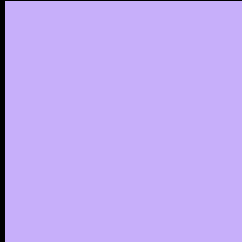
Large Text (above 18pt) WCAG AA × Fail

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 56.1385, 49.7042, 97.0775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

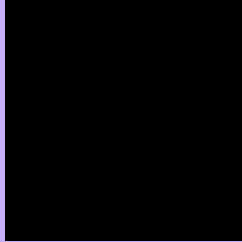
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.1385, 49.7042, 97.0775

Background



This preview shows how black text looks on a background with the XYZ color 56.1385, 49.7042, 97.0775.



This preview shows how white text looks on a background with the XYZ color 56.1385, 49.7042,

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

56.1385, 49.7042, 97.0775

Protanopia

51.1248, 50.0249, 101.5689

Deuteranopia

51.0970, 49.8289, 95.7318



Tritanopia

48.8930, 49.7686, 61.0622

Trichromacy



Original Color

56.1385, 49.7042, 97.0775

Protanomaly

52.6136, 49.6046, 99.7301

Deuteranomaly

52.9142, 49.8324, 96.4523

Tritanomaly

51.1711, 49.4472, 73.1769

Monochromacy



Original Color

56.1385, 49.7042, 97.0775

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

51.4808, 50.9207, 69.4027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1385, 49.7042, 97.0775 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(199, 175, 250)` looks like.

```
.text, #text, p{  
    color:rgb(199, 175, 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(199, 175, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 175, 250) }
```

Border

The CSS property to change the border of an element to XYZ 56.1385, 49.7042, 97.0775 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(199, 175, 250) }
```


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

```
.border{ border-color:rgb(199, 175, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 175, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 175, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 175, 250);  
box-shadow:4px 4px 4px 4px rgb(199, 175,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1385, 49.7042, 97.0775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 175, 250) }
```

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

```
.background{ background-color: rgb(199,  
175, 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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