

Converting Colors

XYZ(57.0022, 52.7007, 94.4990)

Have a look what the booklet for
XYZ(57.0022, 52.7007, 94.4990)
contains.

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Color

**XYZ(56.8567, 52.5266,
94.3307)**

Conversions

Conversions Part 1

Format	Color
Hex	C6B7F6
RGB	198, 183, 246
RGB Percent	78%, 72%, 96%
CMY	0.2235, 0.2823, 0.0353
CMYK	0.20, 0.26, 0.00, 0.04
HSL	254°, 78%, 84%
HSV	254°, 26%, 96%
XYZ	56.8567, 52.5266, 94.3307
YIQ	194.6670, -11.2830, 22.7730

Conversions

Conversions Part 2

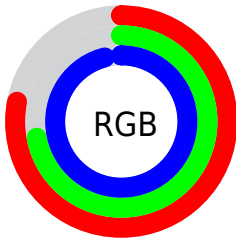
Format	Color
R _Y B	198, 183, 246
Decimal	13023222
CIE Lab	77.59, 17.87, -29.29
CIE LCh	78, 34.310, 301.384
Yxy	52.5266, 0.2791, 0.2578
Android (android.graphics.Color)	4291213302 (0xFFC6B7F6)
YUV	194.6670, 25.3072, 2.9230
Hunter-Lab	72.4752, 13.2013, -26.4367

Details

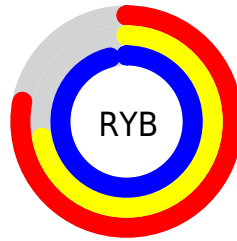
The XYZ color **56.8567, 52.5266, 94.3307** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **74.4597, 86.3207, 57.5392**, and the grayscale version is **51.5343, 54.2181, 59.0435**.

A 20% lighter version of the original color is **90.1565, 90.2130, 107.2688**, and **28.4956, 25.4790, 51.5602** is the 20% darker color. If you saturate the color by 10%, you get **47.5810, 40.8603, 92.5686**, and if you desaturate by 10%, it is **67.6340, 66.2858, 96.4193**.

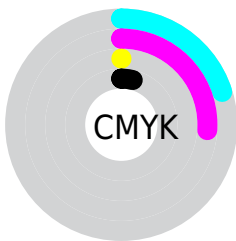
Distribution



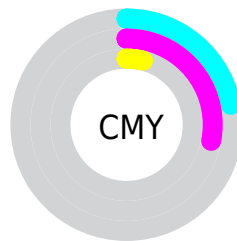
- Red (78%)
- Green (72%)
- Blue (96%)



- Red (78%)
- Yellow (72%)
- Blue (96%)



- Cyan (20%)
- Magenta (26%)
- Yellow (0%)
- Black (4%)



- Cyan (22%)
- Magenta (28%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.8567, 52.5266, 94.3307 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 56.8567, 52.5266, 94.3307 by changing the saturation by 10% instead.

■ 56.8567, 52.5266,
94.3307

■ 56.8567, 52.5266,
94.3307

402.9350,
396.4662, 562.9496

■ 41.1299, 37.4250,
70.9842

■ 99.3886, 93.9074,
155.3272

■ 28.6087, 25.5367,
51.8476

126.9245,
120.9554, 193.8144

■ 18.9278, 16.4774,
36.5022

159.1273,
152.7543, 238.1855

■ 11.7218, 9.8626,
24.5295

196.3626,
189.6885, 288.8591

■ 6.6254, 5.3079,
15.5111

238.9957,
232.1424, 346.2538

■ 3.2732, 2.4291,
9.0283

287.3919,

■ 1.2998, 0.8408,

280.5004, 410.7881

4.6626

341.9165,
335.1468, 482.8805

■ 0.1831, 0.0000,
1.9954

■ 0.0000, 0.0000,
0.5525

■ 56.8567, 52.5266,
94.3307

■ 56.8567, 52.5266,
94.3307

■ 47.5810, 40.8603,
92.5686

■ 67.6340, 66.2858,
96.4193

■ 39.7332, 31.1768,
91.1131

■ 79.9716, 82.2279,
98.8462

■ 33.2414, 23.3654,
89.9475

■ 93.3529, 99.2886,
101.4340

■ 28.0246, 17.3018,
89.0521

■ 93.6347, 99.4339,
101.4472

■ 23.9929, 12.8462,
88.4046

■ 21.0434, 9.8366,
87.9791

■ 19.0531, 8.0749,
87.7440

■ 18.4128, 7.5705,
87.6804

Harmonies

Analogous

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



50.2333, 52.5266, 101.9636



56.8567, 52.5266, 94.3307



61.9626, 52.5266, 76.5039

Triad

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



56.8567, 52.5266, 94.3307



56.2775, 52.5266, 30.7734



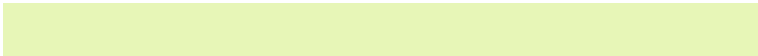
38.2427, 52.5266, 58.0783

Complementary

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



56.8567, 52.5266, 94.3307



74.4597, 86.3207, 57.5392

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.



39.5570, 52.5266, 41.4395



56.8567, 52.5266, 94.3307



49.6179, 52.5266, 27.9253

Square

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



56.8567, 52.5266, 94.3307



61.6079, 52.5266, 40.2204



43.5808, 52.5266, 31.3601



39.8210, 52.5266, 78.3719

Rectangle

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



56.8567, 52.5266, 94.3307



63.6079, 52.5266, 62.8336



43.5808, 52.5266, 31.3601



38.3601, 52.5266, 51.8997

Sweetspot

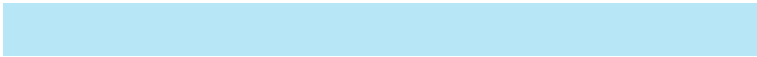
The Sweet Spot groups the original color and five complimentary colors.



56.8584, 52.5287, 94.3319



83.3949, 84.8382, 106.5878



64.8246, 74.0426, 98.0646



17.4078, 17.5865, 22.7270



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.



56.8584, 52.5287, 94.3319



56.0118, 49.8225, 101.2723



65.9467, 57.2139, 94.7572



15.9505, 16.1171, 20.8128



9.9313, 4.0941, 46.8048



0.9609, 0.4052, 4.1178

Inverse Universe

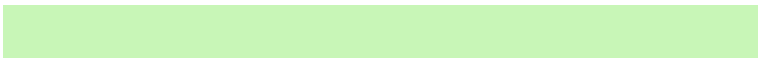
The Inverse Universe completely reimagines the original color for something new.



69.3650, 59.2315, 83.3804



71.9220, 58.3577, 86.9676



65.2707, 81.5835, 57.1092



17.0351, 16.6969, 19.9311



25.1561, 12.4059, 26.5939



2.2506, 1.1062, 2.5460

Previews

White Background



This preview shows how the XYZ color 56.8567, 52.5266, 94.3307 looks on a white background.

Color Contrast Check

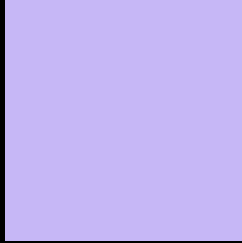
Large Text (above 18pt) WCAG AA × Fail

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 56.8567, 52.5266, 94.3307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

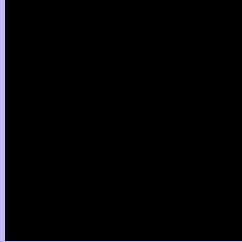
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.8567, 52.5266, 94.3307

Background



This preview shows how black text looks on a background with the XYZ color 56.8567, 52.5266, 94.3307.



This preview shows how white text looks on a background with the XYZ color 56.8567, 52.5266,

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

56.8567, 52.5266, 94.3307

Protanopia

53.2894, 52.4742, 98.5867

Deuteranopia

53.7561, 52.5041, 93.6873



Tritanopia

51.2572, 52.7942, 65.8813

Trichromacy



Original Color

56.8567, 52.5266, 94.3307

Protanomaly

54.3976, 52.4475, 96.8788

Deuteranomaly

54.7794, 52.4017, 93.6136

Tritanomaly

53.2825, 52.6562, 75.7620

Monochromacy



Original Color

56.8567, 52.5266, 94.3307

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.5334, 53.8524, 71.1914

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8567, 52.5266, 94.3307 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(198, 183, 246)` looks like.

```
.text, #text, p{  
    color:rgb(198, 183, 246)  
}
```

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(198, 183, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 183, 246) }
```

Border

The CSS property to change the border of an element to XYZ 56.8567, 52.5266, 94.3307 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(198, 183, 246) }
```


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

```
.border{ border-color:rgb(198, 183, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 183, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 183, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 183, 246);  
box-shadow:4px 4px 4px 4px rgb(198, 183,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8567, 52.5266, 94.3307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 183, 246) }
```

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

```
.background{ background-color: rgb(198,  
183, 246) }
```

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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