

Converting Colors

XYZ(63.7838, 57.3275, 95.7124)

Have a look what the booklet for
XYZ(63.7838, 57.3275, 95.7124)
contains.

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Color

**XYZ(63.7722, 57.3161,
95.6976)**

Conversions

Conversions Part 1

Format	Color
Hex	DBBBF7
RGB	219, 187, 247
RGB Percent	86%, 73%, 97%
CMY	0.1412, 0.2666, 0.0314
CMYK	0.11, 0.24, 0.00, 0.03
HSL	272°, 79%, 85%
HSV	272°, 24%, 97%
XYZ	63.7722, 57.3161, 95.6976
YIQ	203.4080, -0.1880, 25.4440

Conversions

Conversions Part 2

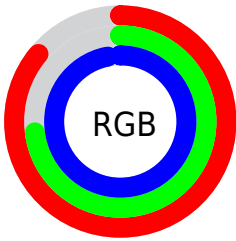
Format	Color
R _Y B	219, 187, 247
Decimal	14400503
CIE _{Lab}	80.36, 22.39, -25.44
CIE _{LCh}	80, 33.894, 311.350
Y _{xy}	57.3161, 0.2942, 0.2644
Android (android.graphics.Color)	4292590583 (0xFFDDBBF7)
YUV	203.4080, 21.4909, 13.6742
Hunter-Lab	75.7074, 17.8717, -21.9501

Details

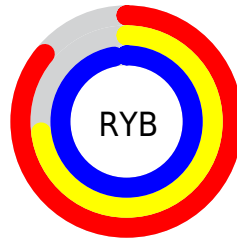
The XYZ color **63.7722, 57.3161, 95.6976** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.2567, 84.5579, 59.6347**, and the grayscale version is **56.8919, 59.8547, 65.1817**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **33.1292, 28.6604, 52.5011** is the 20% darker color. If you saturate the color by 10%, you get **55.6278, 45.9975, 93.9430**, and if you desaturate by 10%, it is **73.0616, 70.5657, 97.7663**.

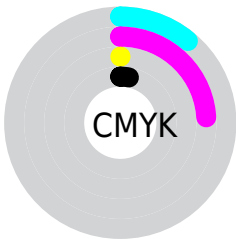
Distribution



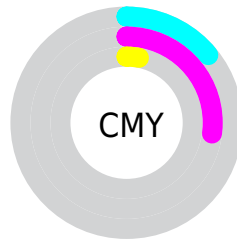
- Red (86%)
- Green (73%)
- Blue (97%)



- Red (86%)
- Yellow (73%)
- Blue (97%)



- Cyan (11%)
- Magenta (24%)
- Yellow (0%)
- Black (3%)



- Cyan (14%)
- Magenta (27%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.7722, 57.3161, 95.6976 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 63.7722, 57.3161, 95.6976 by changing the saturation by 10% instead.

63.7722, 57.3161,
95.6976

63.7722, 57.3161,
95.6976

427.9818,
414.6327, 567.4372

46.7272, 41.2591,
72.1156

109.3584,
100.9263, 157.2319

33.0271, 28.5216,
52.7657

138.6302,
129.2482, 196.0213

22.3065, 18.7192,
37.2293

172.7084,
162.4273, 240.7169

14.2002, 11.4676,
25.0879

211.9583,
200.8478, 291.7372

8.3426, 6.3822,
15.9230

256.7452,
244.8942, 349.5009

4.3686, 3.0789,
9.3159

307.4346,

1.9127, 1.1731,

294.9509, 414.4264

4.8482

364.3916,
351.4023, 486.9323

■ 0.5842, 0.0395,
2.1013

■ 0.0000, 0.0000,
0.6165

■ 63.7722, 57.3161,
95.6976

■ 63.7722, 57.3161,
95.6976

■ 55.6278, 45.9975,
93.9430

■ 73.0616, 70.5657,
97.7663

■ 48.5719, 36.5079,
92.4833

■ 83.5380, 85.8270,
100.1599

■ 42.5513, 28.7468,
91.3025

■ 93.2693, 99.2277,
102.2336

■ 37.5053, 22.6007,
90.3822

■ 93.7887, 99.4955,
102.2579

■ 33.3662, 17.9418,
89.7011

■ 30.0560, 14.6225,
89.2348

■ 27.4802, 12.4623,
88.9537

■ 26.2623, 11.5993,
88.8513

Harmonies

Analogous

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



57.1444, 57.3161, 107.8483



63.7722, 57.3161, 95.6976



68.1165, 57.3161, 75.4369

Triad

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



63.7722, 57.3161, 95.6976



58.8547, 57.3161, 32.7614



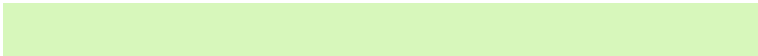
42.4191, 57.3161, 70.2304

Complementary

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



63.7722, 57.3161, 95.6976



70.2567, 84.5579, 59.6347

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.



42.7922, 57.3161, 50.9720



63.7722, 57.3161, 95.6976



51.8944, 57.3161, 31.9490

Square

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



63.7722, 57.3161, 95.6976



65.1154, 57.3161, 40.4209



46.1324, 57.3161, 37.9007



45.0659, 57.3161, 91.1968

Rectangle

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



63.7722, 57.3161, 95.6976



68.9283, 57.3161, 61.5121



46.1324, 57.3161, 37.9007



42.2018, 57.3161, 63.3116

Sweetspot

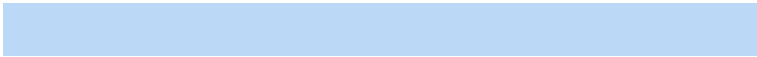
The Sweet Spot groups the original color and five complimentary colors.



63.7740, 57.3185, 95.6989



86.6190, 87.5894, 106.9489



61.8400, 66.3941, 97.5526



18.3910, 18.5298, 22.8572



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.



63.7740, 57.3185, 95.6989



64.2475, 55.5802, 101.9496



72.7642, 61.9709, 95.3162



16.4251, 16.3618, 20.8350



14.0549, 6.2199, 46.9978



1.3539, 0.6078, 4.1362

Inverse Universe

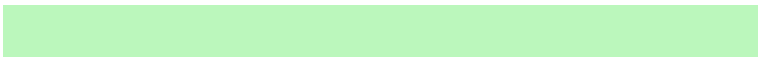
The Inverse Universe completely reimagines the original color for something new.



68.3957, 60.2235, 72.3120



70.1120, 59.2633, 72.4122



62.8334, 80.7186, 59.8482



16.8210, 16.6112, 18.8038



22.0012, 11.1439, 9.9809



1.9851, 1.0000, 1.1479

Previews

White Background



This preview shows how the XYZ color 63.7722, 57.3161, 95.6976 looks on a white background.

Color Contrast Check

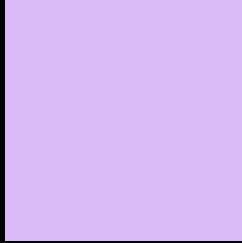
Large Text (above 18pt) WCAG AA × Fail

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 63.7722, 57.3161, 95.6976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

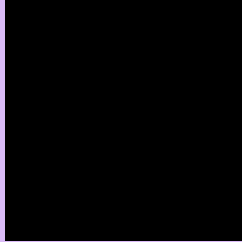
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.7722, 57.3161, 95.6976

Background



This preview shows how black text looks on a background with the XYZ color 63.7722, 57.3161, 95.6976.



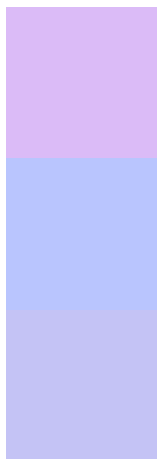
This preview shows how white text looks on a background with the XYZ color 63.7722, 57.3161,

95.6976.

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

63.7722, 57.3161, 95.6976

Protanopia

57.8632, 57.4025, 101.7960

Deuteranopia

58.7615, 57.3585, 94.3604



Tritanopia

58.2410, 57.3332, 68.3184

Trichromacy



Original Color

63.7722, 57.3161, 95.6976

Protanomaly

59.5085, 56.9753, 99.1277

Deuteranomaly

60.3860, 57.1905, 95.0450

Tritanomaly

59.9744, 57.0364, 77.6602

Monochromacy



Original Color

63.7722, 57.3161, 95.6976

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

59.0469, 58.6023, 75.2171

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.7722, 57.3161, 95.6976 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(219, 187, 247)` looks like.

```
.text, #text, p{  
    color:rgb(219, 187, 247)  
}
```

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(219, 187, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 187, 247) }
```

Border

The CSS property to change the border of an element to XYZ 63.7722, 57.3161, 95.6976 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(219, 187, 247) }
```


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

```
.border{ border-color:rgb(219, 187, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 187, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 187, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 187, 247);  
box-shadow:4px 4px 4px 4px rgb(219, 187,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 63.7722, 57.3161, 95.6976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 187, 247) }
```

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

```
.background{ background-color: rgb(219,  
187, 247) }
```

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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