

Converting Colors

XYZ(64.0303, 62.4587, 81.5394)

Have a look what the booklet for
XYZ(64.0303, 62.4587, 81.5394)
contains.

XYZ(63.9652, 62.3794, 81.3421)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(63.9652, 62.3794,
81.3421)**

Conversions

Conversions Part 1

Format	Color
Hex	DBC9E3
RGB	219, 201, 227
RGB Percent	86%, 79%, 89%
CMY	0.1412, 0.2117, 0.1098
CMYK	0.04, 0.11, 0.00, 0.11
HSL	282°, 32%, 84%
HSV	282°, 11%, 89%
XYZ	63.9652, 62.3794, 81.3421
YIQ	209.3460, 2.3820, 11.9020

Conversions

Conversions Part 2

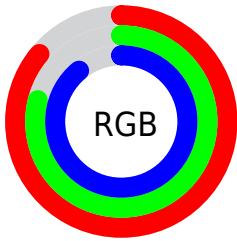
Format	Color
R_{YB}	219, 201, 227
Decimal	14404067
CIE _{Lab}	83.11, 10.95, -10.59
CIE _{LCh}	83, 15.229, 315.958
Yxy	62.3794, 0.3080, 0.3004
Android (android.graphics.Color)	4292594147 (0xFFDBC9E3)
YUV	209.3460, 8.7034, 8.4666
Hunter-Lab	78.9806, 6.3483, -5.7763

Details

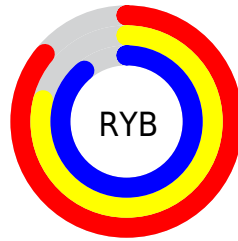
The XYZ color **63.9652, 62.3794, 81.3421** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **64.3084, 72.7121, 65.9068**, and the grayscale version is **60.7756, 63.9407, 69.6314**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.1900, 31.7385, 43.4066** is the 20% darker color. If you saturate the color by 10%, you get **57.0026, 51.5079, 79.6116**, and if you desaturate by 10%, it is **71.8017, 74.8657, 83.3401**.

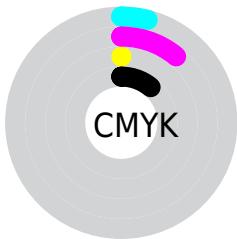
Distribution



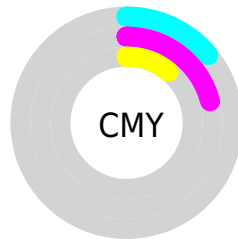
- Red (86%)
- Green (79%)
- Blue (89%)



- Red (86%)
- Yellow (79%)
- Blue (89%)



- Cyan (4%)
- Magenta (11%)
- Yellow (0%)
- Black (11%)



- Cyan (14%)
- Magenta (21%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.9652, 62.3794, 81.3421 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 63.9652, 62.3794, 81.3421 by changing the saturation by 10% instead.

63.9652, 62.3794,
81.3421

63.9652, 62.3794,
81.3421

428.6682,
433.3137, 519.2699

46.8841, 45.3393,
60.2907

109.6348,
108.2737, 137.0794

33.1516, 31.7248,
43.2262

138.9540,
137.8967, 172.6024

22.4024, 21.1514,
29.7299

173.0833,
172.4828, 213.7864

14.2711, 13.2347,
19.3834

212.3880,
212.4164, 261.0500

8.3924, 7.5904,
11.7680

257.2335,
258.0819, 314.8115

4.4010, 3.8340,
6.4653

307.9851,

1.9314, 1.5811,

309.8637, 375.4897

3.0567

365.0082,
368.1461, 443.5030

■ 0.5950, 0.3448,
1.1237

■ 0.0000, 0.0000,
0.0000

■ 63.9652, 62.3794,
81.3421

■ 63.9652, 62.3794,
81.3421

■ 57.0026, 51.5079,
79.6116

■ 71.8017, 74.8657,
83.3401

■ 50.8730, 42.1742,
78.1331

■ 80.5397, 89.0234,
85.6123

■ 45.5406, 34.3071,
76.8956

■ 85.5460, 95.5839,
86.6147

■ 40.9645, 27.8264,
75.8859

■ 87.9628, 96.8299,
86.7278

■ 37.0998, 22.6442,
75.0893

■ 90.4720, 98.1233,
86.8453

■ 33.8964, 18.6620,
74.4895

■ 90.8653, 98.3261,
86.8637

■ 31.2973, 15.7672,
74.0678

■ 29.2339, 13.8248,
73.8016

■ 27.7990, 12.7292,
73.6658

Harmonies

Analogous

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



61.0501, 62.3794, 86.9177



63.9652, 62.3794, 81.3421



65.6558, 62.3794, 72.4222

Triad

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



63.9652, 62.3794, 81.3421



60.8414, 62.3794, 51.7839



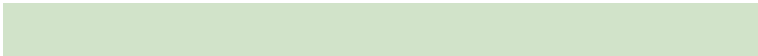
53.4003, 62.3794, 73.0363

Complementary

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



63.9652, 62.3794, 81.3421



64.3084, 72.7121, 65.9068

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.



53.3491, 62.3794, 63.6094



63.9652, 62.3794, 81.3421



57.5636, 62.3794, 51.9152

Square

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



63.9652, 62.3794, 81.3421



63.8076, 62.3794, 55.6860



54.8479, 62.3794, 56.0631



54.9904, 62.3794, 81.8274

Rectangle

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



63.9652, 62.3794, 81.3421



65.8221, 62.3794, 66.0530



54.8479, 62.3794, 56.0631



53.2046, 62.3794, 69.8230

Sweetspot

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



63.9670, 62.3821, 81.3435



91.7971, 94.7721, 108.0624



60.8127, 63.6817, 81.7606



19.4662, 19.9932, 23.0831



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.



63.9670, 62.3821, 81.3435



80.7731, 77.2754, 105.2662



65.7831, 63.3933, 78.0417



14.5409, 14.3811, 18.1538



16.3367, 7.4878, 42.9674



1.3011, 0.6017, 3.1795

Inverse Universe

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



64.0759, 62.7104, 69.0517



80.9729, 77.8089, 85.8242



62.6709, 71.8022, 68.8028



14.5587, 14.4407, 15.8765



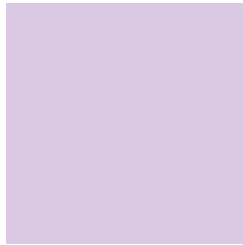
19.1629, 9.7994, 4.4868



1.4565, 0.7403, 0.5444

Previews

White Background



This preview shows how the XYZ color 63.9652, 62.3794, 81.3421 looks on a white background.

Color Contrast Check

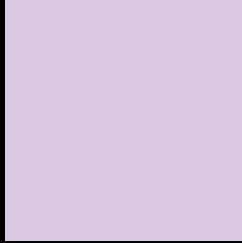
Large Text (above 18pt) WCAG AA × Fail

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 63.9652, 62.3794, 81.3421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

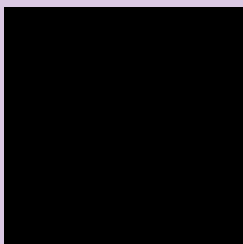
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.9652, 62.3794, 81.3421

Background



This preview shows how black text looks on a background with the XYZ color 63.9652, 62.3794, 81.3421.



This preview shows how white text looks on a background with the XYZ color 63.9652, 62.3794,

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

63.9652, 62.3794, 81.3421

Protanopia

61.2561, 62.6932, 83.7354

Deuteranopia

63.6652, 62.2248, 81.3281



Tritanopia

62.6889, 62.2084, 75.0330

Trichromacy



Original Color

63.9652, 62.3794, 81.3421

Protanomaly

62.0302, 62.3982, 82.9035

Deuteranomaly

63.6652, 62.2248, 81.3281

Tritanomaly

63.0851, 62.3669, 77.1197

Monochromacy



Original Color

63.9652, 62.3794, 81.3421

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.9065, 63.2466, 73.9107

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.9652, 62.3794, 81.3421 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, 201, 227)` looks like.

```
.text, #text, p{  
    color:rgb(219, 201, 227)  
}
```

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, 201, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 201, 227) }
```

Border

The CSS property to change the border of an element to XYZ 63.9652, 62.3794, 81.3421 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, 201, 227) }
```


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

```
.border{ border-color:rgb(219, 201, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 201, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 201, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 201, 227);  
box-shadow:4px 4px 4px 4px rgb(219, 201,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 63.9652, 62.3794, 81.3421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 201, 227) }
```

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

```
.background{ background-color: rgb(219,  
201, 227) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor