

Converting Colors

XYZ(64.9019, 63.9012, 78.0790)

Have a look what the booklet for
XYZ(64.9019, 63.9012, 78.0790)
contains.

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Color

**XYZ(64.9019, 63.9893,
78.0377)**

Conversions

Conversions Part 1

Format	Color
Hex	DECCDE
RGB	222, 204, 222
RGB Percent	87%, 80%, 87%
CMY	0.1294, 0.2000, 0.1294
CMYK	0.00, 0.08, 0.00, 0.13
HSL	300°, 21%, 84%
HSV	300°, 8%, 87%
XYZ	64.9019, 63.9893, 78.0377
YIQ	211.4340, 4.9500, 9.4140

Conversions

Conversions Part 2

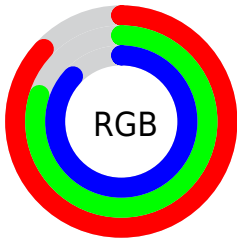
Format	Color
R _Y B	222, 204, 222
Decimal	14601438
CIE Lab	83.96, 9.43, -6.64
CIE LCh	84, 11.533, 324.862
Yxy	63.9893, 0.3136, 0.3092
Android (android.graphics.Color)	4292791518 (0xFFDECCDE)
YUV	211.4340, 5.2090, 9.2664
Hunter-Lab	79.9933, 4.8362, -1.8452

Details

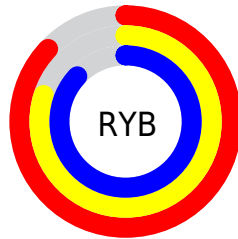
The XYZ color **64.9019, 63.9893, 78.0377** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.9247, 69.4413, 67.2699**, and the grayscale version is **62.1698, 65.4075, 71.2287**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.8177, 32.8182, 41.1114** is the 20% darker color. If you saturate the color by 10%, you get **59.9977, 54.1799, 76.4036**, and if you desaturate by 10%, it is **70.5619, 75.3083, 79.9252**.

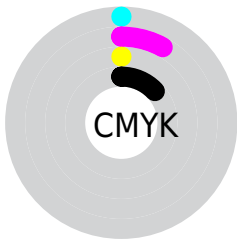
Distribution



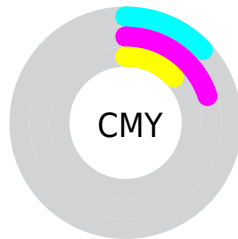
- Red (87%)
- Green (80%)
- Blue (87%)



- Red (87%)
- Yellow (80%)
- Blue (87%)



- Cyan (0%)
- Magenta (8%)
- Yellow (0%)
- Black (13%)



- Cyan (13%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.9019, 63.9893, 78.0377 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 64.9019, 63.9893, 78.0377 by changing the saturation by 10% instead.

64.9019, 63.9893,
78.0377

64.9019, 63.9893,
78.0377

431.9901,
439.1510, 507.8262

47.6459, 46.6420,
57.5883

110.9753,
110.5955, 132.3896

33.7567, 32.7527,
41.0653

140.5235,
140.6232, 167.1292

22.8687, 21.9371,
28.0500

174.8997,
175.6466, 207.4693

14.6168, 13.8107,
18.1240

214.4695,
216.0499, 253.8285

8.6354, 7.9891,
10.8687

259.5980,
262.2176, 306.6252

4.5594, 4.0880,
5.8655

310.6507,

2.0232, 1.7229,

314.5341, 366.2780

2.6960

367.9930,
373.3838, 433.2055

■ 0.6469, 0.4384,
0.9414

■ 0.0000, 0.0000,
0.0000

■ 64.9019, 63.9893,
78.0377

■ 64.9019, 63.9893,
78.0377

■ 59.9977, 54.1799,
76.4036

■ 70.5619, 75.3083,
79.9252

■ 55.8120, 45.8087,
75.0083

■ 77.0019, 88.1883,
82.0720

■ 52.3129, 38.8104,
73.8419

■ 79.0697, 92.3238,
82.7613

■ 49.4637, 33.1120,
72.8920

■ 79.0697, 92.3239,
82.7614

47.2243, 28.6333,
72.1455

79.0697, 92.3239,
82.7615

45.5504, 25.2854,
71.5874

79.0697, 92.3239,
82.7616

44.3913, 22.9674,
71.2010

79.0698, 92.3239,
82.7617

43.6879, 21.5606,
70.9664

79.0698, 92.3239,
82.7618

43.3551, 20.8950,
70.8554

79.0698, 92.3239,
82.7619

Harmonies

Analogous

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



62.8965, 63.9893, 83.1504



64.9019, 63.9893, 78.0377



65.8150, 63.9893, 70.9335

Triad

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



64.9019, 63.9893, 78.0377



61.2583, 63.9893, 56.6504



56.4954, 63.9893, 75.7212

Complementary

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



64.9019, 63.9893, 78.0377



61.9247, 69.4413, 67.2699

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.



56.0841, 63.9893, 68.4284



64.9019, 63.9893, 78.0377



58.7895, 63.9893, 57.7376

Square

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



64.9019, 63.9893, 78.0377



63.6743, 63.9893, 58.8497



56.9128, 63.9893, 61.9293



58.0521, 63.9893, 81.7491

Rectangle

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



64.9019, 63.9893, 78.0377



65.6636, 63.9893, 66.1470



56.9128, 63.9893, 61.9293



56.2205, 63.9893, 73.3231

Sweetspot

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



64.9038, 63.9921, 78.0391



93.4445, 96.7891, 108.3648



59.6824, 61.3004, 77.7948



20.0178, 20.7505, 23.2001



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.



64.9038, 63.9921, 78.0391



87.4478, 84.7957, 106.3658



63.7294, 63.5223, 71.8552



14.2951, 13.9357, 17.3241



25.7246, 12.3568, 42.0771



1.7831, 0.8565, 2.9166

Inverse Universe

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



64.9038, 63.9921, 78.0391



87.4478, 84.7957, 106.3658



63.0356, 69.8857, 73.1200



14.2951, 13.9357, 17.3241



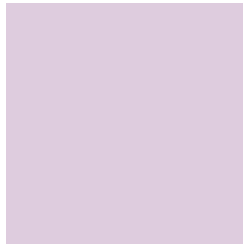
25.7246, 12.3568, 42.0771



1.7831, 0.8565, 2.9166

Previews

White Background



This preview shows how the XYZ color 64.9019, 63.9893, 78.0377 looks on a white background.

Color Contrast Check

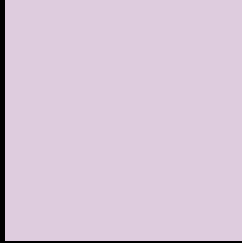
Large Text (above 18pt) WCAG AA × Fail

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 64.9019, 63.9893, 78.0377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

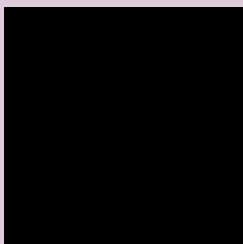
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

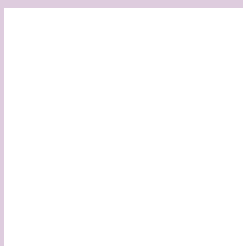
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.9019, 63.9893, 78.0377

Background



This preview shows how black text looks on a background with the XYZ color 64.9019, 63.9893, 78.0377.

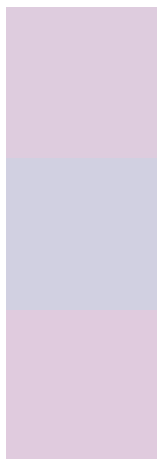


This preview shows how white text looks on a background with the XYZ color 64.9019, 63.9893,

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

64.9019, 63.9893, 78.0377

Protanopia

62.4410, 64.1033, 80.3163

Deuteranopia

65.2812, 63.8331, 77.9876



Tritanopia

64.6353, 63.8826, 76.6341

Trichromacy



Original Color

64.9019, 63.9893, 78.0377

Protanomaly

63.4989, 64.3036, 79.5861

Deuteranomaly

64.9722, 63.6738, 77.9731

Tritanomaly

64.7682, 63.9358, 77.3338

Monochromacy



Original Color

64.9019, 63.9893, 78.0377

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.8459, 64.4651, 73.4207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.9019, 63.9893, 78.0377 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(222, 204, 222)` looks like.

```
.text, #text, p{  
    color:rgb(222, 204, 222)  
}
```

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(222, 204, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 204, 222) }
```

Border

The CSS property to change the border of an element to XYZ 64.9019, 63.9893, 78.0377 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(222, 204, 222) }
```


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

```
.border{ border-color:rgb(222, 204, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 204, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 204, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 204, 222); box-shadow:4px 4px 4px 4px rgb(222, 204, 222) }
```

Background

The CSS property to change the background color of an element to XYZ 64.9019, 63.9893, 78.0377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 204, 222) }
```

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

```
.background{ background-color: rgb(222,  
204, 222) }
```

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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