

Converting Colors

XYZ(61.9338, 63.6299, 76.4969)

Have a look what the booklet for
XYZ(61.9338, 63.6299, 76.4969)
contains.

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Color

**XYZ(61.8094, 63.4946,
76.7081)**

Conversions

Conversions Part 1

Format	Color
Hex	D2CFDC
RGB	210, 207, 220
RGB Percent	82%, 81%, 86%
CMY	0.1765, 0.1882, 0.1372
CMYK	0.05, 0.06, 0.00, 0.14
HSL	254°, 16%, 84%
HSV	254°, 6%, 86%
XYZ	61.8094, 63.4946, 76.7081
YIQ	209.3790, -2.3850, 4.6790

Conversions

Conversions Part 2

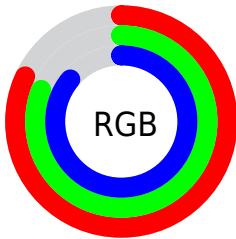
Format	Color
R _Y B	210, 207, 220
Decimal	13815772
CIE Lab	83.70, 3.44, -6.06
CIE LCh	84, 6.968, 299.559
Yxy	63.4946, 0.3060, 0.3143
Android (android.graphics.Color)	4292005852 (0xFFD2CFDC)
YUV	209.3790, 5.2362, 0.5446
Hunter-Lab	79.6835, -0.9861, -1.2976

Details

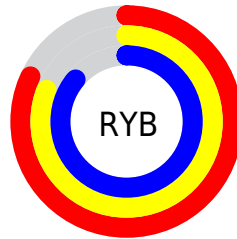
The XYZ color **61.8094, 63.4946, 76.7081** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.4734, 70.4448, 69.1811**, and the grayscale version is **60.8213, 63.9888, 69.6838**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.8931, 32.5670, 40.2024** is the 20% darker color. If you saturate the color by 10%, you get **52.2796, 51.2145, 74.8410**, and if you desaturate by 10%, it is **72.5954, 77.5282, 78.8493**.

Distribution



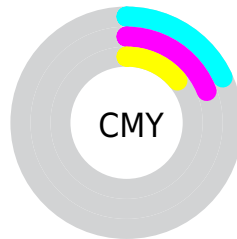
- Red (82%)
- Green (81%)
- Blue (86%)



- Red (82%)
- Yellow (81%)
- Blue (86%)



- Cyan (5%)
- Magenta (6%)
- Yellow (0%)
- Black (14%)



- Cyan (18%)
- Magenta (19%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8094, 63.4946, 76.7081 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 61.8094, 63.4946, 76.7081 by changing the saturation by 10% instead.

■ 61.8094, 63.4946,
76.7081

■ 61.8094, 63.4946,
76.7081

420.9641,
437.3623, 503.1794

■ 45.1337, 46.2415,
56.5032

106.5415,
109.8828, 130.4966

■ 31.7645, 32.4364,
40.1998

135.3286,
139.7866, 164.9173

■ 21.3364, 21.6950,
27.3794

168.8837,
174.6760, 204.9136

■ 13.4839, 13.6330,
17.6234

207.5719,
214.9356, 250.9042

■ 7.8419, 7.8659,
10.5133

251.7587,
260.9496, 303.3075

■ 4.0449, 4.0092,
5.6306

301.8094,

■ 1.7276, 1.6787,

313.1024, 362.5421

2.5567

358.0895,
371.7785, 429.0266

■ 0.4734, 0.4098,
0.8700

■ 0.0000, 0.0000,
0.0000

■ 61.8094, 63.4946,
76.7081

■ 61.8094, 63.4946,
76.7081

■ 52.2796, 51.2145,
74.8410

■ 72.5954, 77.5282,
78.8493

■ 43.9540, 40.6106,
73.2331

■ 84.6759, 93.3726,
81.2709

■ 36.7854, 31.6118,
71.8740

■ 89.9184, 97.9474,
81.8776

■ 30.7210, 24.1386,
70.7511

■ 25.7041, 18.1049,
69.8509

■ 21.6722, 13.4156,
69.1583

■ 18.5563, 9.9640,
68.6563

■ 16.2774, 7.6265,
68.3252

■ 14.7409, 6.2520,
68.1409

Harmonies

Analogous

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



60.3271, 63.4946, 77.8865



61.8094, 63.4946, 76.7081



62.9160, 63.4946, 73.4821

Triad

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



61.8094, 63.4946, 76.7081



61.8491, 63.4946, 62.1374



57.4618, 63.4946, 69.0702

Complementary

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



61.8094, 63.4946, 76.7081



65.4734, 70.4448, 69.1811

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.



57.8542, 63.4946, 64.9625



61.8094, 63.4946, 76.7081



60.3723, 63.4946, 61.0646

Square

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



61.8094, 63.4946, 76.7081



62.9392, 63.4946, 65.0700



58.9132, 63.4946, 62.0772



57.8323, 63.4946, 73.3655

Rectangle

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



61.8094, 63.4946, 76.7081



63.2827, 63.4946, 70.6695



58.9132, 63.4946, 62.0772



57.5088, 63.4946, 67.6226

Sweetspot

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



61.8112, 63.4973, 76.7095



92.0155, 96.0524, 108.2980



63.5127, 68.1549, 77.5188



19.7269, 20.6005, 23.1865



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.



61.8112, 63.4973, 76.7095



84.7440, 86.6228, 106.8611



63.6457, 64.4430, 76.7953



13.0194, 13.2795, 16.5291



8.4559, 3.4833, 39.9651



0.6237, 0.2648, 2.5927

Inverse Universe

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



64.3547, 64.8539, 74.7752



88.9620, 88.8730, 103.6367



63.6311, 69.4951, 69.0949



13.7158, 13.6511, 15.9957



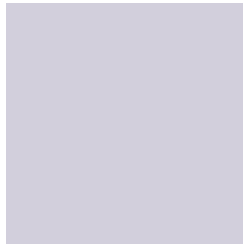
21.5849, 10.6350, 23.2580



1.4303, 0.7018, 1.6750

Previews

White Background



This preview shows how the XYZ color 61.8094, 63.4946, 76.7081 looks on a white background.

Color Contrast Check

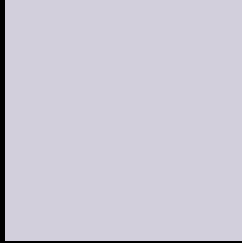
Large Text (above 18pt) WCAG AA × Fail

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 61.8094, 63.4946, 76.7081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

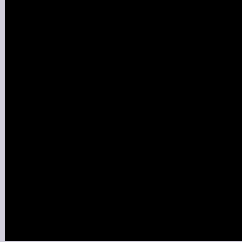
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.8094, 63.4946, 76.7081

Background



This preview shows how black text looks on a background with the XYZ color 61.8094, 63.4946, 76.7081.

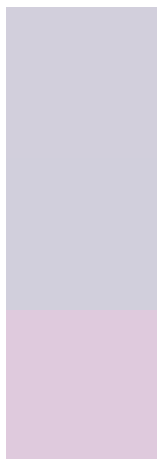


This preview shows how white text looks on a background with the XYZ color 61.8094, 63.4946,

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

61.8094, 63.4946, 76.7081

Protanopia

61.5256, 63.3483, 76.6948

Deuteranopia

64.6031, 63.1495, 77.1907



Tritanopia

62.2104, 63.6550, 78.8198

Trichromacy



Original Color

61.8094, 63.4946, 76.7081

Protanomaly

61.5256, 63.3483, 76.6948

Deuteranomaly

63.5575, 63.3116, 77.2771

Tritanomaly

62.0760, 63.6012, 78.1117

Monochromacy



Original Color

61.8094, 63.4946, 76.7081

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.8606, 63.4712, 71.9942

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8094, 63.4946, 76.7081 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(210, 207, 220) looks like.

```
.text, #text, p{  
    color:rgb(210, 207, 220)  
}
```

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(210, 207, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 207, 220) }
```

Border

The CSS property to change the border of an element to XYZ 61.8094, 63.4946, 76.7081 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(210, 207, 220) }
```


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

```
.border{ border-color:rgb(210, 207, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 207, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 207, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 207, 220);  
box-shadow:4px 4px 4px 4px rgb(210, 207,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8094, 63.4946, 76.7081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 207, 220) }
```

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

```
.background{ background-color: rgb(210,  
207, 220) }
```

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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