

Converting Colors

XYZ(60.9865, 62.9058, 79.0125)

Have a look what the booklet for
XYZ(60.9865, 62.9058, 79.0125)
contains.

XYZ(61.0857, 63.0752, 78.7672)	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(61.0857, 63.0752,
78.7672)**

Conversions

Conversions Part 1

Format	Color
Hex	CECFDF
RGB	206, 207, 223
RGB Percent	81%, 81%, 87%
CMY	0.1922, 0.1882, 0.1255
CMYK	0.08, 0.07, 0.00, 0.13
HSL	236°, 21%, 84%
HSV	236°, 8%, 87%
XYZ	61.0857, 63.0752, 78.7672
YIQ	208.5250, -5.7320, 4.7640

Conversions

Conversions Part 2

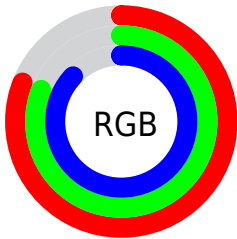
Format	Color
R _Y B	206, 207, 223
Decimal	13553631
CIE Lab	83.48, 2.69, -8.02
CIE LCh	83, 8.457, 288.534
Yxy	63.0752, 0.3010, 0.3108
Android (android.graphics.Color)	4291743711 (0xFFCECFDF)
YUV	208.5250, 7.1362, -2.2144
Hunter-Lab	79.4199, -1.6918, -3.2088

Details

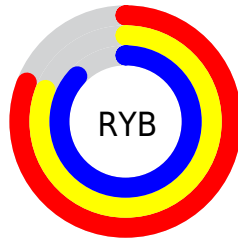
The XYZ color **61.0857, 63.0752, 78.7672** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.6934, 72.3861, 68.7977**, and the grayscale version is **60.2543, 63.3922, 69.0341**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.4080, 32.2850, 41.6220** is the 20% darker color. If you saturate the color by 10%, you get **50.5785, 50.6079, 76.9155**, and if you desaturate by 10%, it is **73.1506, 77.3519, 80.8880**.

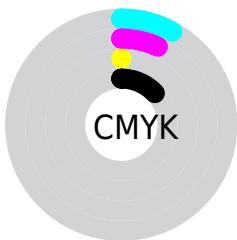
Distribution



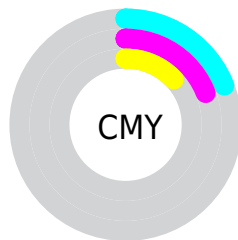
- Red (81%)
- Green (81%)
- Blue (87%)



- Red (81%)
- Yellow (81%)
- Blue (87%)



- Cyan (8%)
- Magenta (7%)
- Yellow (0%)
- Black (13%)



- Cyan (19%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0857, 63.0752, 78.7672 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 61.0857, 63.0752, 78.7672 by changing the saturation by 10% instead.

■ 61.0857, 63.0752,
78.7672

■ 61.0857, 63.0752,
78.7672

418.3591,
435.8424, 510.3652

■ 44.5471, 45.9020,
58.1842

105.5004,
109.2780, 133.4268

■ 31.3006, 32.1685,
41.5411

134.1073,
139.0764, 168.3405

■ 20.9808, 21.4903,
28.4193

167.4676,
173.8521, 208.8681

■ 13.2224, 13.4828,
18.4001

205.9468,
213.9893, 255.4283

■ 7.6599, 7.7619,
11.0652

249.9102,
259.8726, 308.4396

■ 3.9281, 3.9429,
5.9960

299.7231,

■ 1.6615, 1.6417,

311.8863, 368.3205

2.7739

355.7510,
370.4147, 435.4895

■ 0.4320, 0.3855,
0.9804

■ 0.0000, 0.0000,
0.0000

■ 61.0857, 63.0752,
78.7672

■ 61.0857, 63.0752,
78.7672

■ 50.5785, 50.6079,
76.9155

■ 73.1506, 77.3519,
80.8880

■ 41.5602, 39.8701,
75.3182

■ 86.8273, 93.4979,
83.2836

■ 33.9651, 30.7879,
73.9655

■ 90.3195, 98.1078,
83.9894

■ 27.7203, 23.2788,
72.8452

■ 22.7468, 17.2534,
71.9444

■ 18.9568, 12.6130,
71.2484

■ 16.2519, 9.2473,
70.7413

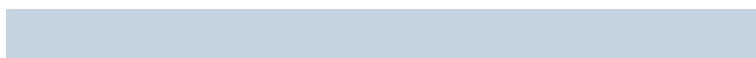
■ 14.5174, 7.0288,
70.4045

■ 13.6045, 5.7994,
70.2154

Harmonies

Analogous

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



59.2488, 63.0752, 79.1229



61.0857, 63.0752, 78.7672



62.6486, 63.0752, 75.6269

Triad

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



61.0857, 63.0752, 78.7672



62.3307, 63.0752, 61.3436



56.5415, 63.0752, 66.6786

Complementary

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



61.0857, 63.0752, 78.7672



67.6934, 72.3861, 68.7977

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.



57.3321, 63.0752, 62.1686



61.0857, 63.0752, 78.7672



60.6589, 63.0752, 59.1956

Square

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



61.0857, 63.0752, 78.7672



63.3775, 63.0752, 65.4994



58.8306, 63.0752, 59.4897



56.6505, 63.0752, 71.9582

Rectangle

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



61.0857, 63.0752, 78.7672



63.3131, 63.0752, 72.4631



58.8306, 63.0752, 59.4897



56.7102, 63.0752, 65.0274

Sweetspot

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



61.0875, 63.0779, 78.7686



91.6866, 96.0217, 108.3094



65.0092, 71.1650, 79.3244



19.6599, 20.5943, 23.1889



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.



61.0875, 63.0779, 78.7686



80.5985, 82.8912, 106.3594



62.9387, 63.6725, 78.7858



13.0166, 13.3724, 17.2828



7.9442, 3.3580, 41.2778



0.5739, 0.2792, 2.8689

Inverse Universe

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



63.7666, 64.3369, 68.0920



84.8765, 84.9077, 89.3094



65.7400, 71.7758, 68.7828



13.7399, 13.7136, 14.4003



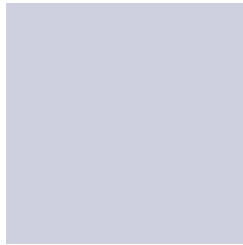
17.9501, 9.2470, 1.1370



1.2559, 0.6456, 0.1405

Previews

White Background



This preview shows how the XYZ color 61.0857, 63.0752, 78.7672 looks on a white background.

Color Contrast Check

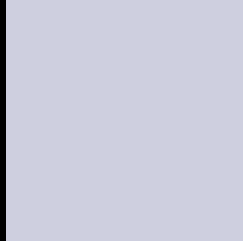
Large Text (above 18pt) WCAG AA × Fail

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 61.0857, 63.0752, 78.7672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

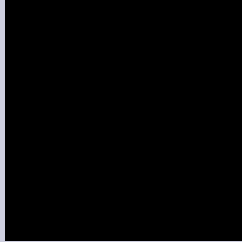
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.0857, 63.0752, 78.7672

Background



This preview shows how black text looks on a background with the XYZ color 61.0857, 63.0752, 78.7672.

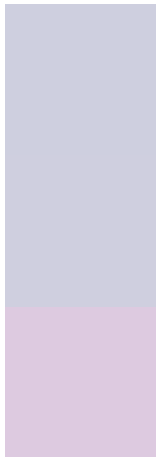


This preview shows how white text looks on a background with the XYZ color 61.0857, 63.0752,

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

61.0857, 63.0752, 78.7672

Protanopia

61.3642, 63.2188, 78.7802

Deuteranopia

64.3939, 62.9950, 79.2863



Tritanopia

61.0857, 63.0752, 78.7672

Trichromacy



Original Color

61.0857, 63.0752, 78.7672

Protanomaly

61.3642, 63.2188, 78.7802

Deuteranomaly

63.3663, 63.1665, 79.3736

Tritanomaly

61.0857, 63.0752, 78.7672

Monochromacy



Original Color

61.0857, 63.0752, 78.7672

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.7059, 63.3767, 72.6517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0857, 63.0752, 78.7672 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(206, 207, 223) looks like.

```
.text, #text, p{  
    color:rgb(206, 207, 223)  
}
```

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(206, 207, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 207, 223) }
```

Border

The CSS property to change the border of an element to XYZ 61.0857, 63.0752, 78.7672 is called "border". The border property can be set on classes, ids or directly on the HTML element.

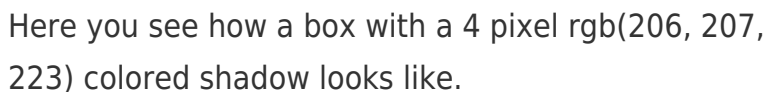
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 207, 223) }
```


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

```
.border{ border-color:rgb(206, 207, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 207, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 207, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 207, 223); box-shadow:4px 4px 4px 4px rgb(206, 207, 223) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0857, 63.0752, 78.7672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 207, 223) }
```

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

```
.background{ background-color: rgb(206,  
207, 223) }
```

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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