

# Converting Colors

XYZ(61.7824, 63.7046, 79.6798)

Have a look what the booklet for  
XYZ(61.7824, 63.7046, 79.6798)  
contains.

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# Color

**XYZ(61.7425, 63.7590,  
79.5735)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CFD0E0
RGB	207, 208, 224
RGB Percent	81%, 82%, 88%
CMY	0.1882, 0.1843, 0.1216
CMYK	0.08, 0.07, 0.00, 0.12
HSL	236°, 22%, 85%
HSV	236°, 8%, 88%
XYZ	61.7425, 63.7590, 79.5735
YIQ	209.5250, -5.7320, 4.7640

# Conversions

## Conversions Part 2

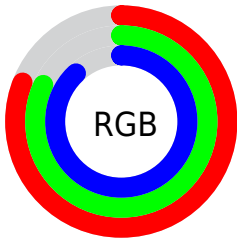
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	207, 208, 224
Decimal	13619424
CIE Lab	83.84, 2.69, -8.01
CIE LCh	84, 8.449, 288.530
Yxy	63.7590, 0.3011, 0.3109
Android (android.graphics.Color)	4291809504 (0xFFCFD0E0)
YUV	209.5250, 7.1362, -2.2144
Hunter-Lab	79.8492, -1.7131, -3.1908

# Details

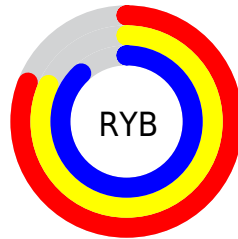
The XYZ color **61.7425, 63.7590, 79.5735** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.3906, 73.1268, 69.5428**, and the grayscale version is **60.9063, 64.0782, 69.7812**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.8539, 32.7481, 42.1782** is the 20% darker color. If you saturate the color by 10%, you get **51.1211, 51.1564, 77.7017**, and if you desaturate by 10%, it is **73.9384, 78.1905, 81.7173**.

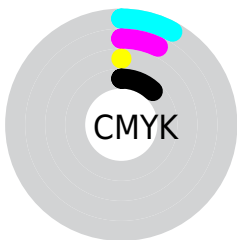
# Distribution



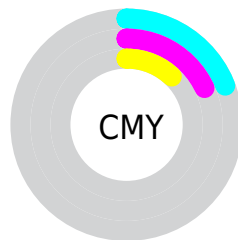
- Red (81%)
- Green (82%)
- Blue (88%)



- Red (81%)
- Yellow (82%)
- Blue (88%)



- Cyan (8%)
- Magenta (7%)
- Yellow (0%)
- Black (12%)



- Cyan (19%)
- Magenta (18%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 61.7425, 63.7590, 79.5735 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 61.7425, 63.7590, 79.5735 by changing the saturation by 10% instead.



■ 61.7425, 63.7590,  
79.5735

■ 61.7425, 63.7590,  
79.5735

420.7237,  
438.3188, 513.1632

■ 45.0795, 46.4555,  
58.8434

106.4453,  
110.2638, 134.5719

■ 31.7216, 32.6054,  
42.0678

135.2158,  
140.2339, 169.6772

■ 21.3034, 21.8243,  
28.8285

168.7529,  
175.1949, 210.4114

■ 13.4597, 13.7279,  
18.7066

207.4218,  
215.5314, 257.1929

■ 7.8250, 7.9317,  
11.2838

251.5880,  
261.6276, 310.4403

■ 4.0341, 4.0512,  
6.1415

301.6169,

■ 1.7214, 1.7023,

313.8680, 370.5721

2.8611

357.8736,  
372.6369, 438.0069

■ 0.4696, 0.4251,  
1.0242

■ 0.0000, 0.0000,  
0.0000

■ 61.7425, 63.7590,  
79.5735

■ 61.7425, 63.7590,  
79.5735

■ 51.1211, 51.1564,  
77.7017

■ 73.9384, 78.1905,  
81.7173

■ 42.0048, 40.3020,  
76.0871

■ 87.7634, 94.5115,  
84.1389

■ 34.3270, 31.1211,  
74.7197

■ 90.4547, 98.1619,  
84.7016

■ 28.0141, 23.5302,  
73.5872

■ 22.9862, 17.4390,  
72.6765

■ 19.1548, 12.7479,  
71.9730

■ 16.4201, 9.3452,  
71.4603

■ 14.6663, 7.1022,  
71.1198

■ 13.7436, 5.8593,  
70.9285

# Harmonies

## Analogous

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



59.8940, 63.7590, 79.9309



61.7425, 63.7590, 79.5735



63.3152, 63.7590, 76.4149

# Triad

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



61.7425, 63.7590, 79.5735



62.9957, 63.7590, 62.0411



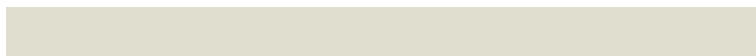
57.1697, 63.7590, 67.4097

# Complementary

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



61.7425, 63.7590, 79.5735



68.3906, 73.1268, 69.5428

# 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.



57.9656, 63.7590, 62.8707



61.7425, 63.7590, 79.5735



61.3136, 63.7590, 59.8784

# Square

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



61.7425, 63.7590, 79.5735



64.0488, 63.7590, 66.2243



59.4737, 63.7590, 60.1741



57.2792, 63.7590, 72.7225



# Rectangle

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



61.7425, 63.7590, 79.5735



63.9839, 63.7590, 73.2319



59.4737, 63.7590, 60.1741



57.3396, 63.7590, 65.7479

# Sweetspot

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



61.7444, 63.7617, 79.5749



91.6866, 96.0218, 108.3094



65.6900, 71.8982, 80.1343



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.



61.7444, 63.7617, 79.5749



80.5986, 82.8914, 106.3594



63.6070, 64.3599, 79.5922



13.0167, 13.3724, 17.2828



7.9443, 3.3581, 41.2778



0.5739, 0.2792, 2.8689



# Inverse Universe

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



64.4398, 65.0282, 68.8331



84.8766, 84.9077, 89.3096



66.4255, 72.5129, 69.5278



13.7399, 13.7136, 14.4004



17.9501, 9.2470, 1.1371

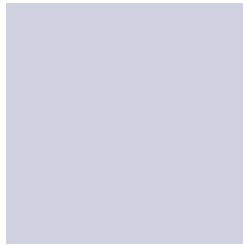


1.2559, 0.6456, 0.1406



# Previews

## White Background



This preview shows how the XYZ color 61.7425, 63.7590, 79.5735 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

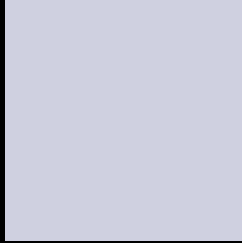
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 61.7425, 63.7590, 79.5735 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

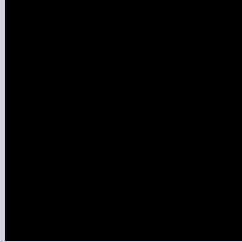
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

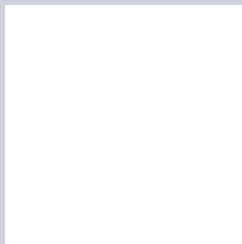
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 61.7425, 63.7590, 79.5735

## Background



This preview shows how black text looks on a background with the XYZ color 61.7425, 63.7590, 79.5735.



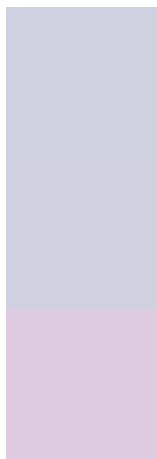
This preview shows how white text looks on a background with the XYZ color 61.7425, 63.7590,



# 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

61.7425, 63.7590, 79.5735

### Protanopia

62.0228, 63.9035, 79.5867

### Deuteranopia

65.0707, 63.6777, 80.0956



## **Tritanopia**

61.7425, 63.7590, 79.5735

# Trichromacy



## Original Color

61.7425, 63.7590, 79.5735

## Protanomaly

62.0228, 63.9035, 79.5867

## Deuteranomaly

64.0372, 63.8506, 80.1834

## Tritanomaly

61.7425, 63.7590, 79.5735

# Monochromacy



## Original Color

61.7425, 63.7590, 79.5735

## Achromatopsia

61.2578, 64.4480, 70.1838

## Achromatomaly

61.3607, 64.0625, 73.4212

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 61.7425, 63.7590, 79.5735 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(207, 208, 224) looks like.

```
.text, #text, p{  
    color:rgb(207, 208, 224)  
}
```

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(207, 208, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 208, 224) }
```

## Border

The CSS property to change the border of an element to XYZ 61.7425, 63.7590, 79.5735 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(207, 208, 224) }
```



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

```
.border{ border-color:rgb(207, 208, 224) }
```

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

Here you see how a box with a 4 pixel rgb(207, 208, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 208, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 208, 224);  
box-shadow:4px 4px 4px 4px rgb(207, 208,  
224) }
```

# Background

The CSS property to change the background color of an element to XYZ 61.7425, 63.7590, 79.5735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 208, 224) }
```

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

```
.background{ background-color: rgb(207,  
208, 224) }
```

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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