

Converting Colors

XYZ(61.9405, 65.9067, 75.5883)

Have a look what the booklet for
XYZ(61.9405, 65.9067, 75.5883)
contains.

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Color

**XYZ(61.9027, 65.7723,
75.7624)**

Conversions

Conversions Part 1

Format	Color
Hex	CED5DA
RGB	206, 213, 218
RGB Percent	81%, 84%, 85%
CMY	0.1922, 0.1647, 0.1451
CMYK	0.06, 0.02, 0.00, 0.15
HSL	205°, 14%, 83%
HSV	205°, 6%, 85%
XYZ	61.9027, 65.7723, 75.7624
YIQ	211.4770, -5.7770, 0.0710

Conversions

Conversions Part 2

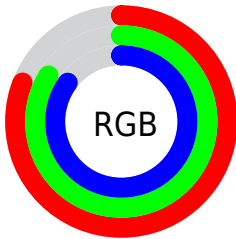
Format	Color
R _Y B	206, 210, 218
Decimal	13555162
CIE Lab	84.88, -1.42, -3.29
CIE LCh	85, 3.589, 246.636
Yxy	65.7723, 0.3043, 0.3233
Android (android.graphics.Color)	4291745242 (0xFFCED5DA)
YUV	211.4770, 3.2158, -4.8033
Hunter-Lab	81.1001, -5.6784, 1.3823

Details

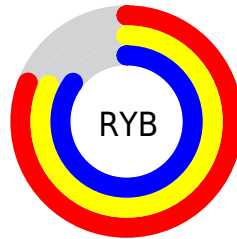
The XYZ color **61.9027, 65.7723, 75.7624** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.3484, 65.9494, 67.7841**, and the grayscale version is **62.2160, 65.4561, 71.2817**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.7866, 33.7735, 39.4939** is the 20% darker color. If you saturate the color by 10%, you get **54.0463, 58.4289, 74.7601**, and if you desaturate by 10%, it is **70.7301, 73.8096, 76.8495**.

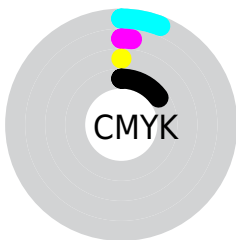
Distribution



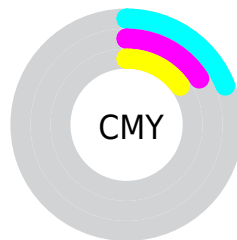
- Red (81%)
- Green (84%)
- Blue (85%)



- Red (81%)
- Yellow (82%)
- Blue (85%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (15%)



- Cyan (19%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9027, 65.7723, 75.7624 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 61.9027, 65.7723, 75.7624 by changing the saturation by 10% instead.

■ 61.9027, 65.7723,
75.7624

■ 61.9027, 65.7723,
75.7624

421.2993,
445.5621, 499.8591

■ 45.2094, 48.0876,
55.7322

106.6756,
113.1595, 129.1480

■ 31.8244, 33.8963,
39.5857

135.4859,
143.6307, 163.3405

■ 21.3823, 22.8139,
26.9043

169.0660,
179.1329, 203.0908

■ 13.5178, 14.4562,
17.2696

207.7811,
220.0504, 248.8175

■ 7.8655, 8.4386,
10.2629

251.9966,
266.7677, 300.9392

■ 4.0601, 4.3769,
5.4657

302.0779,

■ 1.7362, 1.8865,

319.6692, 359.8743

2.4596

358.3904,
379.1392, 426.0414

■ 0.4788, 0.5403,
0.8186

■ 0.0000, 0.0000,
0.0000

■ 61.9027, 65.7723,
75.7624

■ 61.9027, 65.7723,
75.7624

■ 54.0463, 58.4289,
74.7601

■ 70.7301, 73.8096,
76.8495

■ 47.1188, 51.7491,
73.8359

■ 80.5572, 82.5532,
78.0193

■ 41.0833, 45.7127,
72.9888

■ 85.1246, 88.7810,
78.9806

■ 35.8980, 40.2949,
72.2164

■ 87.8674, 94.2667,
79.8949

■ 31.5177, 35.4689,
71.5157

■ 89.6551, 97.8420,
80.4908

■ 27.8923, 31.2057,
70.8839

■ 24.9659, 27.4729,
70.3177

■ 22.6736, 24.2332,
69.8132

■ 20.9362, 21.4422,
69.3660

Harmonies

Analogous

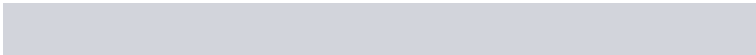
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.2806, 65.7723, 74.2932



61.9027, 65.7723, 75.7624



62.6937, 65.7723, 76.1095

Triad

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



61.9027, 65.7723, 75.7624



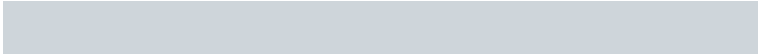
64.0649, 65.7723, 71.1037



61.5954, 65.7723, 68.1158

Complementary

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



61.9027, 65.7723, 75.7624



63.3484, 65.9494, 67.7841

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.



62.3359, 65.7723, 67.3007



61.9027, 65.7723, 75.7624



63.7651, 65.7723, 69.0017

Square

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



61.9027, 65.7723, 75.7624



63.9465, 65.7723, 73.3875



63.1305, 65.7723, 67.6215



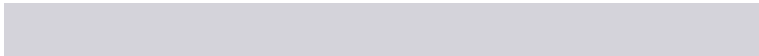
61.1042, 65.7723, 69.8710

Rectangle

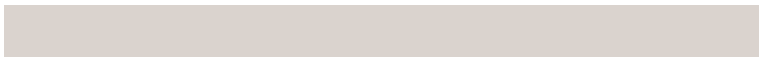
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.9027, 65.7723, 75.7624



63.2112, 65.7723, 75.6514



63.1305, 65.7723, 67.6215



61.8231, 65.7723, 67.7245

Sweetspot

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



61.9046, 65.7751, 75.7638



92.5248, 97.6982, 108.5888



62.2588, 67.9588, 71.3335



19.8306, 20.9356, 23.2457



0.0000, 0.0000, 0.0000



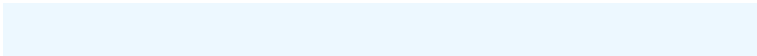
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.9046, 65.7751, 75.7638



86.4599, 92.1197, 107.8317



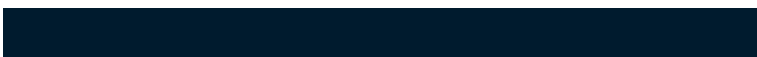
60.4707, 62.9073, 75.2859



13.3024, 14.1854, 16.6891



12.2549, 12.3793, 41.4819



0.8783, 0.9707, 2.7155

Inverse Universe

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



62.9964, 63.8533, 71.9588



88.4439, 88.6658, 100.9086



64.8164, 68.8854, 68.2734



13.6302, 13.6168, 15.5449



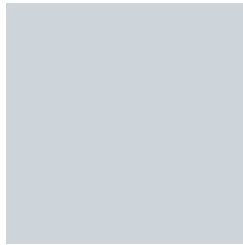
19.6811, 9.8735, 13.2324



1.3176, 0.6567, 1.0815

Previews

White Background



This preview shows how the XYZ color 61.9027, 65.7723, 75.7624 looks on a white background.

Color Contrast Check

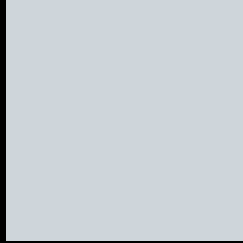
Large Text (above 18pt) WCAG AA × Fail

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 61.9027, 65.7723, 75.7624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

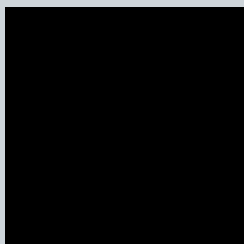
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

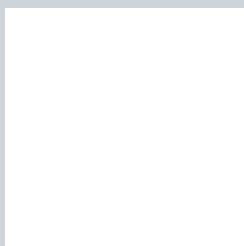
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.9027, 65.7723, 75.7624

Background



This preview shows how black text looks on a background with the XYZ color 61.9027, 65.7723, 75.7624.



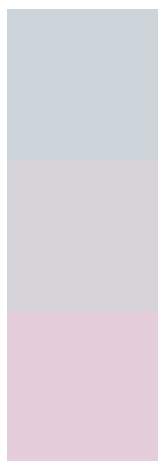
This preview shows how white text looks on a background with the XYZ color 61.9027, 65.7723,

75.7624.

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

61.9027, 65.7723, 75.7624

Protanopia

63.5502, 65.8944, 75.0151

Deuteranopia

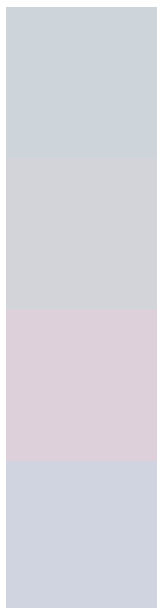
67.0627, 65.4880, 76.8160



Tritanopia

63.3103, 65.5999, 82.7240

Trichromacy



Original Color

61.9027, 65.7723, 75.7624

Protanomaly

62.9318, 65.9456, 75.0576

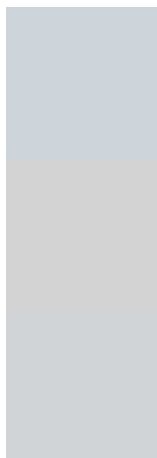
Deuteranomaly

65.1609, 65.5984, 76.2452

Tritanomaly

62.7302, 65.7342, 79.9027

Monochromacy



Original Color

61.9027, 65.7723, 75.7624

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.9756, 65.4973, 72.9941

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9027, 65.7723, 75.7624 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, 213, 218) looks like.

```
.text, #text, p{  
    color:rgb(206, 213, 218)  
}
```

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, 213, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 213, 218) }
```

Border

The CSS property to change the border of an element to XYZ 61.9027, 65.7723, 75.7624 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, 213, 218) }
```


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

```
.border{ border-color:rgb(206, 213, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 213, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 213, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 213, 218);  
box-shadow:4px 4px 4px 4px rgb(206, 213,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9027, 65.7723, 75.7624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 213, 218) }
```

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

```
.background{ background-color: rgb(206,  
213, 218) }
```

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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