

Converting Colors

XYZ(61.6510, 65.9322, 73.6330)

Have a look what the booklet for
XYZ(61.6510, 65.9322, 73.6330)
contains.

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Color

**XYZ(61.7659, 66.1212,
73.7972)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | CED6D7 |
| RGB | 206, 214, 215 |
| RGB Percent | 81%, 84%, 84% |
| CMY | 0.1922, 0.1608, 0.1569 |
| CMYK | 0.04, 0.00, 0.00, 0.16 |
| HSL | 187°, 10%, 83% |
| HSV | 187°, 4%, 84% |
| XYZ | 61.7659, 66.1212, 73.7972 |
| YIQ | 211.7220, -5.0890, -1.3850 |

Conversions

Conversions Part 2

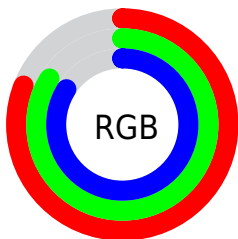
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 206, 210, 215 |
| Decimal | 13555415 |
| CIE Lab | 85.06, -2.51, -1.44 |
| CIE LCh | 85, 2.895, 209.875 |
| Yxy | 66.1212, 0.3063, 0.3278 |
| Android (android.graphics.Color) | 4291745495 (0xFFCED6D7) |
| YUV | 211.7220, 1.6161, -5.0182 |
| Hunter-Lab | 81.3149, -6.7146, 3.1119 |

Details

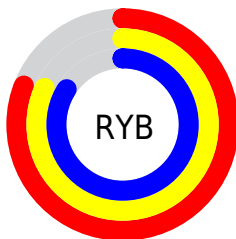
The XYZ color **61.7659, 66.1212, 73.7972** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.4779, 63.5284, 67.4156**, and the grayscale version is **62.3883, 65.6374, 71.4791**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.6922, 34.0097, 38.1519** is the 20% darker color. If you saturate the color by 10%, you get **55.6031, 62.0580, 73.3387**, and if you desaturate by 10%, it is **68.7578, 70.6286, 74.2997**.

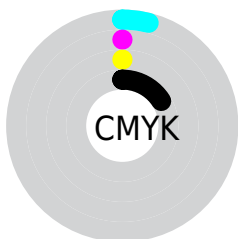
Distribution



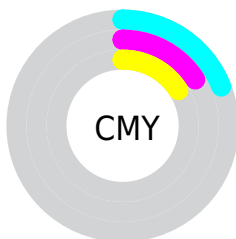
- Red (81%)
- Green (84%)
- Blue (84%)



- Red (81%)
- Yellow (82%)
- Blue (84%)



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.7659, 66.1212, 73.7972 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 61.7659, 66.1212, 73.7972 by changing the saturation by 10% instead.

■ 61.7659, 66.1212,
73.7972

■ 61.7659, 66.1212,
73.7972

420.8078,
446.8102, 492.9178

■ 45.0985, 48.3708,
54.1323

106.4790,
113.6603, 126.3397

■ 31.7366, 34.1206,
38.3135

135.2553,
144.2177, 160.0543

■ 21.3150, 22.9863,
25.9224

168.7986,
179.8130, 199.2893

■ 13.4682, 14.5834,
16.5404

207.4743,
220.8305, 244.4631

■ 7.8309, 8.5275,
9.7488

251.6477,
267.6545, 295.9943

■ 4.0379, 4.4343,
5.1293

301.6842,

■ 1.7236, 1.9194,

320.6696, 354.3015

2.2633

357.9491,
380.2600, 419.8031

■ 0.4710, 0.5600,
0.7105

■ 0.0000, 0.0000,
0.0000

■ 61.7659, 66.1212,
73.7972

■ 61.7659, 66.1212,
73.7972

■ 55.6031, 62.0580,
73.3387

■ 68.7578, 70.6286,
74.2997

■ 50.2306, 58.4134,
72.9184

■ 76.6042, 75.5878,
74.8434

■ 45.6154, 55.1721,
72.5361

■ 79.4013, 77.9571,
75.1533

■ 41.7193, 52.3145,
72.1898

■ 80.0349, 79.2244,
75.3645

38.5013, 49.8193,
71.8778

80.6775, 80.5096,
75.5787

35.9160, 47.6631,
71.5979

81.3291, 81.8128,
75.7959

33.9124, 45.8195,
71.3476

81.9897, 83.1340,
76.0161

32.4314, 44.2580,
71.1243

82.6594, 84.4733,
76.2393

31.4013, 42.9415,
70.9245

83.3382, 85.8309,
76.4656

Harmonies

Analogous

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



61.6014, 66.1212, 71.9869



61.7659, 66.1212, 73.7972



62.2194, 66.1212, 75.1436

Triad

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



61.7659, 66.1212, 73.7972



63.9363, 66.1212, 73.8109



62.8489, 66.1212, 68.4653

Complementary

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



61.7659, 66.1212, 73.7972



61.4779, 63.5284, 67.4156

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.



63.4772, 66.1212, 68.9351



61.7659, 66.1212, 73.7972



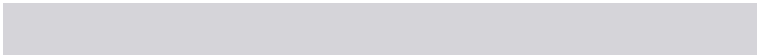
64.1077, 66.1212, 72.0025

Square

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



61.7659, 66.1212, 73.7972



63.4725, 66.1212, 75.1516



63.9391, 66.1212, 70.2219



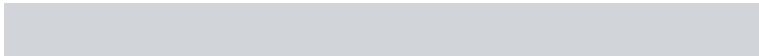
62.2241, 66.1212, 68.9275

Rectangle

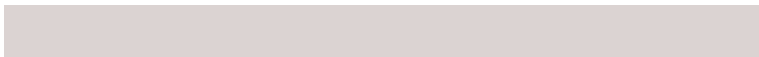
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.7659, 66.1212, 73.7972



62.6262, 66.1212, 75.5857



63.9391, 66.1212, 70.2219



63.0668, 66.1212, 68.5193

Sweetspot

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



61.7678, 66.1240, 73.7987



94.0280, 99.3395, 108.8264



61.0053, 66.2238, 68.5356



20.1366, 21.2697, 23.2941



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.



61.7678, 66.1240, 73.7987



90.0651, 96.7640, 108.5381



60.6683, 63.9251, 73.4322



13.1837, 14.1999, 15.9835



18.5534, 25.3686, 42.3719



1.1533, 1.5986, 2.5671

Inverse Universe

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



62.2347, 63.4460, 72.5878



90.8901, 92.0426, 106.3961



62.5597, 65.6919, 67.7761



13.3193, 13.4249, 15.6311



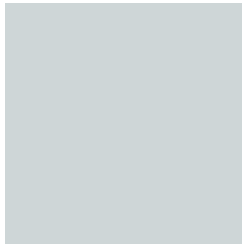
22.4238, 10.9058, 30.5993



1.3698, 0.6647, 1.9367

Previews

White Background



This preview shows how the XYZ color 61.7659, 66.1212, 73.7972 looks on a white background.

Color Contrast Check

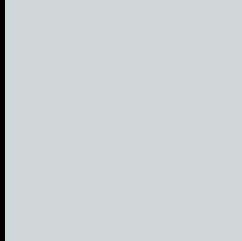
Large Text (above 18pt) WCAG AA × Fail

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 61.7659, 66.1212, 73.7972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

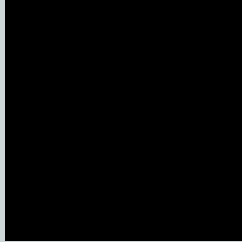
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

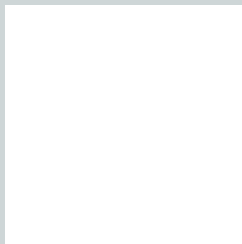
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.7659, 66.1212, 73.7972

Background



This preview shows how black text looks on a background with the XYZ color 61.7659, 66.1212, 73.7972.



This preview shows how white text looks on a background with the XYZ color 61.7659, 66.1212, 73.7972.

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

61.7659, 66.1212, 73.7972

Protanopia

63.6234, 65.9916, 72.3351

Deuteranopia

67.5507, 66.1413, 74.8519



Tritanopia

63.6988, 66.1540, 83.5405

Trichromacy



Original Color

61.7659, 66.1212, 73.7972

Protanomaly

62.8325, 65.9391, 73.0342

Deuteranomaly

65.3193, 66.0884, 74.2794

Tritanomaly

62.9809, 66.2357, 79.9863

Monochromacy



Original Color

61.7659, 66.1212, 73.7972

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.3828, 66.0942, 72.4203

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7659, 66.1212, 73.7972 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, 214, 215) looks like.

```
.text, #text, p{  
    color:rgb(206, 214, 215)  
}
```

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, 214, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 214, 215) }
```

Border

The CSS property to change the border of an element to XYZ 61.7659, 66.1212, 73.7972 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, 214, 215) }
```


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

```
.border{ border-color:rgb(206, 214, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 214, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 214, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 214, 215);  
box-shadow:4px 4px 4px 4px rgb(206, 214,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7659, 66.1212, 73.7972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 214, 215) }
```

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

```
.background{ background-color: rgb(206,  
214, 215) }
```

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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