

Converting Colors

XYZ(61.1052, 64.2543, 73.5763)

Have a look what the booklet for
XYZ(61.1052, 64.2543, 73.5763)
contains.

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Color

**XYZ(61.0445, 64.2649,
73.4770)**

Conversions

Conversions Part 1

Format	Color
Hex	CFD2D7
RGB	207, 210, 215
RGB Percent	81%, 82%, 84%
CMY	0.1882, 0.1765, 0.1569
CMYK	0.04, 0.02, 0.00, 0.16
HSL	217°, 9%, 83%
HSV	217°, 4%, 84%
XYZ	61.0445, 64.2649, 73.4770
YIQ	209.6730, -3.3930, 0.9190

Conversions

Conversions Part 2

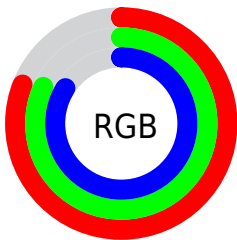
Format	Color
R _Y B	207, 209, 215
Decimal	13619927
CIE Lab	84.10, -0.09, -2.83
CIE LCh	84, 2.835, 268.222
Yxy	64.2649, 0.3071, 0.3233
Android (android.graphics.Color)	4291810007 (0xFFCFD2D7)
YUV	209.6730, 2.6262, -2.3442
Hunter-Lab	80.1654, -4.3649, 1.7725

Details

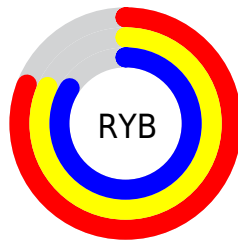
The XYZ color **61.0445, 64.2649, 73.4770** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.8305, 66.0385, 68.4677**, and the grayscale version is **61.0307, 64.2090, 69.9237**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.3705, 33.0873, 37.9908** is the 20% darker color. If you saturate the color by 10%, you get **52.2649, 55.0235, 72.1569**, and if you desaturate by 10%, it is **70.9240, 74.4899, 74.9309**.

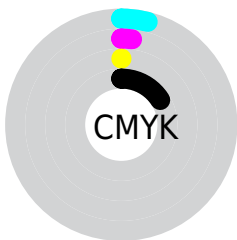
Distribution



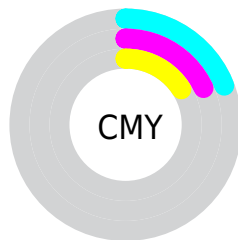
- Red (81%)
- Green (82%)
- Blue (84%)



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



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (16%)



- Cyan (19%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0445, 64.2649, 73.4770 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 61.0445, 64.2649, 73.4770 by changing the saturation by 10% instead.

■ 61.0445, 64.2649,
73.4770

■ 61.0445, 64.2649,
73.4770

418.2105,
440.1456, 491.7814

■ 44.5138, 46.8653,
53.8719

105.4411,
110.9923, 125.8813

■ 31.2742, 32.9292,
38.1068

134.0377,
141.0889, 159.5176

■ 20.9606, 22.0722,
25.7631

167.3869,
176.1867, 198.6681

■ 13.2075, 13.9099,
16.4223

205.8542,
216.6699, 243.7512

■ 7.6496, 8.0581,
9.6659

249.8048,
262.9230, 295.1856

■ 3.9215, 4.1321,
5.0753

299.6042,

■ 1.6578, 1.7477,

315.3304, 353.3897

2.2320

355.6176,
374.2764, 418.7821

■ 0.4296, 0.4543,
0.6927

■ 0.0000, 0.0000,
0.0000

■ 61.0445, 64.2649,
73.4770

■ 61.0445, 64.2649,
73.4770

■ 52.2649, 55.0235,
72.1569

■ 70.9240, 74.4899,
74.9309

■ 44.5400, 46.7269,
70.9627

■ 81.9353, 85.7194,
76.5180

■ 37.8296, 39.3458,
69.8917

■ 87.7820, 94.7185,
77.9469

■ 32.0885, 32.8459,
68.9396

■ 89.2659, 97.6864,
78.4415

■ 27.2681, 27.1907,
68.1022

■ 23.3153, 22.3409,
67.3744

■ 20.1708, 18.2534,
66.7511

■ 17.7672, 14.8800,
66.2267

■ 16.0240, 12.1650,
65.7945

Harmonies

Analogous

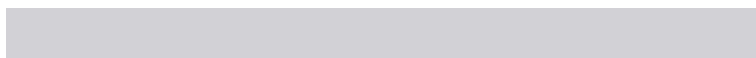
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.4500, 64.2649, 72.9460



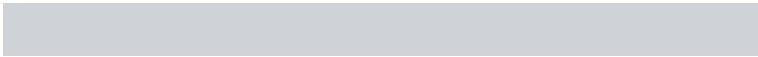
61.0445, 64.2649, 73.4770



61.6530, 64.2649, 73.0560

Triad

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



61.0445, 64.2649, 73.4770



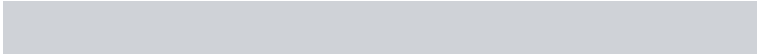
62.1489, 64.2649, 68.3556



60.0640, 64.2649, 68.1733

Complementary

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



61.0445, 64.2649, 73.4770



62.8305, 66.0385, 68.4677

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.



60.5143, 64.2649, 66.9790



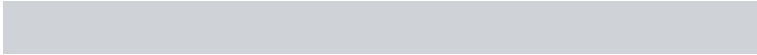
61.0445, 64.2649, 73.4770



61.7181, 64.2649, 67.0830

Square

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



61.0445, 64.2649, 73.4770



62.2932, 64.2649, 70.0806



61.1192, 64.2649, 66.5833



59.8863, 64.2649, 69.8666

Rectangle

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



61.0445, 64.2649, 73.4770



61.9841, 64.2649, 72.2962



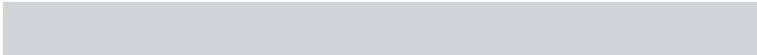
61.1192, 64.2649, 66.5833



60.1884, 64.2649, 67.7012

Sweetspot

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



61.0463, 64.2676, 73.4784



93.6121, 98.5076, 108.6877



61.9089, 66.6175, 71.8398



20.0520, 21.1004, 23.2659



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

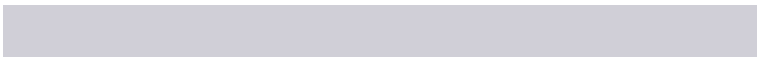
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.0463, 64.2676, 73.4784



89.3976, 94.1189, 108.0627



60.5733, 62.9333, 73.2458



13.0355, 13.7250, 15.8997



9.1777, 6.6171, 39.2467



0.6319, 0.5558, 2.3933

Inverse Universe

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



61.9715, 63.7271, 70.0103



90.8730, 93.2603, 102.5312



63.3150, 67.4131, 68.7075



13.2881, 13.5792, 14.9523



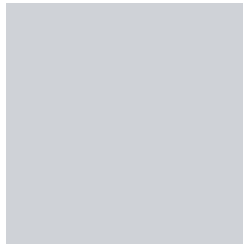
17.6913, 9.0129, 5.6786



1.1066, 0.5594, 0.5507

Previews

White Background



This preview shows how the XYZ color 61.0445, 64.2649, 73.4770 looks on a white background.

Color Contrast Check

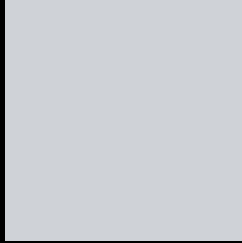
Large Text (above 18pt) WCAG AA × Fail

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 61.0445, 64.2649, 73.4770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

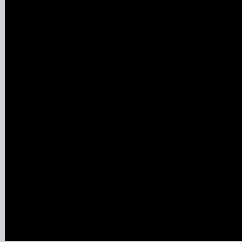
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

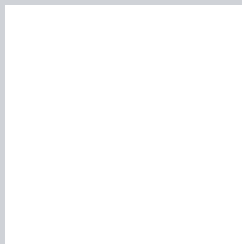
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.0445, 64.2649, 73.4770

Background



This preview shows how black text looks on a background with the XYZ color 61.0445, 64.2649, 73.4770.

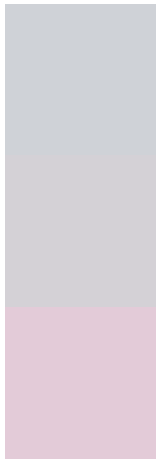


This preview shows how white text looks on a background with the XYZ color 61.0445, 64.2649, 73.4770.

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

61.0445, 64.2649, 73.4770

Protanopia

62.0894, 64.4530, 72.7865

Deuteranopia

65.4292, 64.0006, 73.8706



Tritanopia

62.4410, 64.1033, 80.3163

Trichromacy



Original Color

61.0445, 64.2649, 73.4770

Protanomaly

61.5164, 64.1576, 72.7597

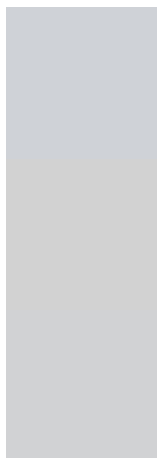
Deuteranomaly

63.9812, 64.3161, 74.0078

Tritanomaly

61.8640, 64.2313, 77.5439

Monochromacy



Original Color

61.0445, 64.2649, 73.4770

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.2248, 64.4020, 71.4913

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0445, 64.2649, 73.4770 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, 210, 215) looks like.

```
.text, #text, p{  
    color:rgb(207, 210, 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(207, 210, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 210, 215) }
```

Border

The CSS property to change the border of an element to XYZ 61.0445, 64.2649, 73.4770 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, 210, 215) }
```


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

```
.border{ border-color:rgb(207, 210, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 210, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 210, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 210, 215);  
box-shadow:4px 4px 4px 4px rgb(207, 210,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0445, 64.2649, 73.4770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 210, 215) }
```

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

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