

Converting Colors

XYZ(60.4732, 65.3684, 73.0490)

Have a look what the booklet for
XYZ(60.4732, 65.3684, 73.0490)
contains.

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Color

**XYZ(60.5413, 65.5047,
73.0711)**

Conversions

Conversions Part 1

Format	Color
Hex	CAD6D6
RGB	202, 214, 214
RGB Percent	79%, 84%, 84%
CMY	0.2078, 0.1608, 0.1608
CMYK	0.06, 0.00, 0.00, 0.16
HSL	180°, 13%, 82%
HSV	180°, 6%, 84%
XYZ	60.5413, 65.5047, 73.0711
YIQ	210.4120, -7.1520, -2.5440

Conversions

Conversions Part 2

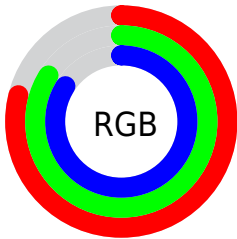
Format	Color
RYB	202, 208, 214
Decimal	13293270
CIELab	84.74, -4.03, -1.41
CIELCh	85, 4.272, 199.232
Yxy	65.5047, 0.3040, 0.3290
Android (android.graphics.Color)	4291483350 (0xFFCAD6D6)
YUV	210.4120, 1.7689, -7.3773
Hunter-Lab	80.9350, -8.1139, 3.1253

Details

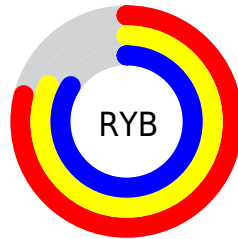
The XYZ color **60.5413, 65.5047, 73.0711** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.5152, 60.8033, 64.4797**, and the grayscale version is **61.5229, 64.7269, 70.4876**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.8689, 33.5954, 37.6585** is the 20% darker color. If you saturate the color by 10%, you get **55.1475, 62.7260, 72.8161**, and if you desaturate by 10%, it is **66.7418, 68.7029, 73.3666**.

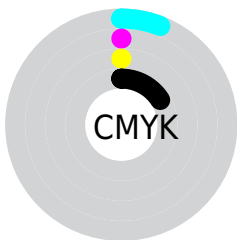
Distribution



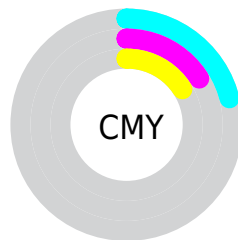
- Red (79%)
- Green (84%)
- Blue (84%)



- Red (79%)
- Yellow (82%)
- Blue (84%)



- Cyan (6%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



- Cyan (21%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5413, 65.5047, 73.0711 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 60.5413, 65.5047, 73.0711 by changing the saturation by 10% instead.

■ 60.5413, 65.5047,
73.0711

■ 60.5413, 65.5047,
73.0711

416.3930,
444.6034, 490.3386

■ 44.1062, 47.8704,
53.5419

104.7164,
112.7752, 125.3000

■ 30.9523, 33.7243,
37.8449

133.1871,
143.1801, 158.8368

■ 20.7142, 22.6819,
25.5614

166.4004,
178.6108, 197.8799

■ 13.0265, 14.3588,
16.2730

204.7216,
219.4516, 242.8478

■ 7.5239, 8.3706,
9.5611

248.5161,
266.0868, 294.1591

■ 3.8411, 4.3330,
5.0072

298.1493,

■ 1.6126, 1.8615,

318.9009, 352.2323

2.1927

353.9864,
378.2784, 417.4859

■ 0.4006, 0.5251,
0.6701

■ 0.0000, 0.0000,
0.0000

■ 60.5413, 65.5047,
73.0711

■ 60.5413, 65.5047,
73.0711

■ 55.1475, 62.7260,
72.8161

■ 66.7418, 68.7029,
73.3666

■ 50.5220, 60.3415,
72.5956

■ 73.7745, 72.3283,
73.6997

■ 46.6315, 58.3360,
72.4096

■ 77.4278, 74.2116,
73.8746

■ 43.4383, 56.6899,
72.2562

■ 77.4286, 74.2119,
73.8786

40.9010, 55.3820,
72.1335

77.4294, 74.2122,
73.8826

38.9743, 54.3888,
72.0394

77.4301, 74.2125,
73.8866

37.6067, 53.6839,
71.9714

77.4309, 74.2128,
73.8906

36.7385, 53.2364,
71.9268

77.4316, 74.2131,
73.8946

36.2964, 53.0086,
71.9022

77.4324, 74.2134,
73.8986

Harmonies

Analogous

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



60.4724, 65.5047, 70.3448



60.5413, 65.5047, 73.0711



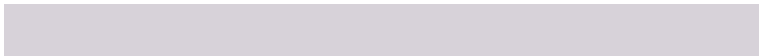
61.0680, 65.5047, 75.3840

Triad

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



60.5413, 65.5047, 73.0711



63.6624, 65.5047, 74.8155



62.6042, 65.5047, 66.2774

Complementary

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



60.5413, 65.5047, 73.0711



59.5152, 60.8033, 64.4797

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.



63.4679, 65.5047, 67.4115



60.5413, 65.5047, 73.0711



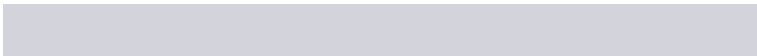
64.0830, 65.5047, 72.3112

Square

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



60.5413, 65.5047, 73.0711



62.8675, 65.5047, 76.4087



64.0114, 65.5047, 69.6040



61.6569, 65.5047, 66.4690

Rectangle

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



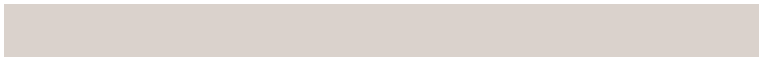
60.5413, 65.5047, 73.0711



61.6110, 65.5047, 76.3583



64.0114, 65.5047, 69.6040



62.9141, 65.5047, 66.5150

Sweetspot

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



60.5432, 65.5075, 73.0725



93.1983, 99.0454, 108.8122



59.1204, 64.9446, 65.2978



19.9677, 21.2098, 23.2912



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.



60.5432, 65.5075, 73.0725



88.7844, 96.7700, 108.6026



59.1013, 62.6231, 72.5940



13.0217, 14.2262, 15.9965



21.8665, 32.0019, 43.4540



1.3189, 1.9302, 2.6212

Inverse Universe

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



59.5152, 60.8033, 64.4797



86.8764, 88.0388, 92.6538



60.9018, 63.5771, 64.9400



12.7230, 12.8592, 13.4995



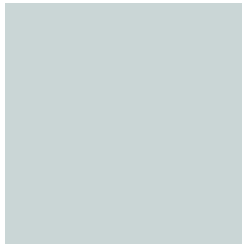
16.7622, 8.6412, 0.7858



1.0111, 0.5212, 0.0477

Previews

White Background



This preview shows how the XYZ color 60.5413, 65.5047, 73.0711 looks on a white background.

Color Contrast Check

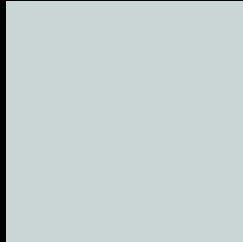
Large Text (above 18pt) WCAG AA × Fail

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 60.5413, 65.5047, 73.0711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

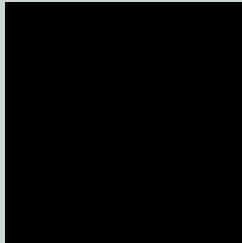
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

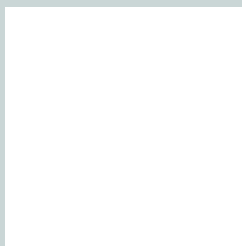
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.5413, 65.5047, 73.0711

Background



This preview shows how black text looks on a background with the XYZ color 60.5413, 65.5047, 73.0711.

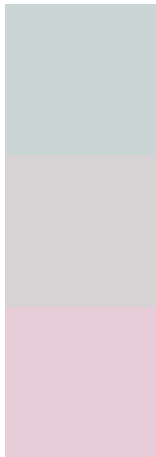


This preview shows how white text looks on a background with the XYZ color 60.5413, 65.5047,

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

60.5413, 65.5047, 73.0711

Protanopia

62.9546, 65.2937, 71.5722

Deuteranopia

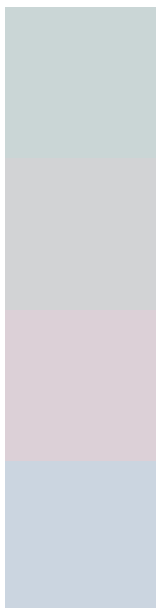
66.8591, 65.4435, 74.0738



Tritanopia

62.5882, 65.5815, 83.4885

Trichromacy



Original Color

60.5413, 65.5047, 73.0711

Protanomaly

61.8828, 65.0943, 72.2537

Deuteranomaly

64.3368, 65.2337, 73.4904

Tritanomaly

61.8774, 65.6668, 79.9347

Monochromacy



Original Color

60.5413, 65.5047, 73.0711

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.7843, 64.5571, 70.8851

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5413, 65.5047, 73.0711 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(202, 214, 214)` looks like.

```
.text, #text, p{  
    color:rgb(202, 214, 214)  
}
```

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(202, 214, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 214, 214) }
```

Border

The CSS property to change the border of an element to XYZ 60.5413, 65.5047, 73.0711 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(202, 214, 214) }
```


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

```
.border{ border-color:rgb(202, 214, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 214, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 214, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 214, 214);  
box-shadow:4px 4px 4px 4px rgb(202, 214,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5413, 65.5047, 73.0711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 214, 214) }
```

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

```
.background{ background-color: rgb(202,  
214, 214) }
```

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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