

Converting Colors

XYZ(62.6033, 69.6179, 75.1038)

Have a look what the booklet for
XYZ(62.6033, 69.6179, 75.1038)
contains.

XYZ(62.6033, 69.6179, 75.1038)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(62.6033, 69.6179,
75.1038)**

Conversions

Conversions Part 1

Format	Color
Hex	C9DED8
RGB	201, 222, 216
RGB Percent	79%, 87%, 85%
CMY	0.2118, 0.1294, 0.1529
CMYK	0.09, 0.00, 0.03, 0.13
HSL	163°, 24%, 83%
HSV	163°, 9%, 87%
XYZ	62.6033, 69.6179, 75.1038
YIQ	215.0370, -10.5900, -6.3180

Conversions

Conversions Part 2

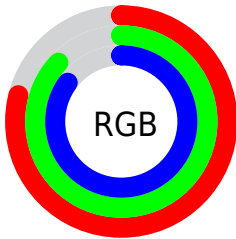
Format	Color
RYB	201, 213, 222
Decimal	13229784
CIELab	86.81, -8.11, 0.55
CIELCh	87, 8.127, 176.148
Yxy	69.6179, 0.3020, 0.3358
Android (android.graphics.Color)	4291419864 (0xFFC9DED8)
YUV	215.0370, 0.4748, -12.3104
Hunter-Lab	83.4373, -12.0862, 5.0379

Details

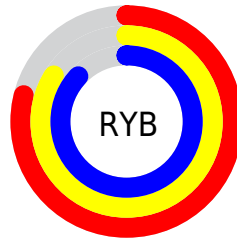
The XYZ color **62.6033, 69.6179, 75.1038** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.2758, 61.8096, 67.6828**, and the grayscale version is **64.6200, 67.9853, 74.0359**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.2844, 36.4137, 39.0452** is the 20% darker color. If you saturate the color by 10%, you get **56.2571, 66.4412, 70.6077**, and if you desaturate by 10%, it is **69.8477, 73.2578, 79.8102**.

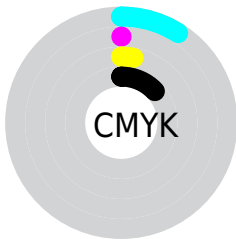
Distribution



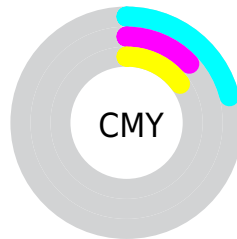
- Red (79%)
- Green (87%)
- Blue (85%)



- Red (79%)
- Yellow (84%)
- Blue (87%)



- Cyan (9%)
- Magenta (0%)
- Yellow (3%)
- Black (13%)



- Cyan (21%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.6033, 69.6179, 75.1038 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 62.6033, 69.6179, 75.1038 by changing the saturation by 10% instead.

■ 62.6033, 69.6179,
75.1038

■ 62.6033, 69.6179,
75.1038

423.8109,
459.2072, 497.5392

■ 45.7778, 51.2151,
55.1957

107.6820,
118.6637, 128.2077

■ 32.2744, 36.3798,
39.1588

136.6660,
150.0755, 162.2406

■ 21.7277, 24.7277,
26.5745

170.4334,
186.5923, 201.8189

■ 13.7725, 15.8743,
17.0243

209.3497,
228.5987, 247.3610

■ 8.0432, 9.4352,
10.0897

253.7803,
276.4790, 299.2856

■ 4.1747, 5.0261,
5.3521

304.0904,

■ 1.8014, 2.2626,

330.6176, 358.0111

2.3930

360.6455,
391.3989, 423.9561

■ 0.5185, 0.7538,
0.7826

■ 0.0000, 0.0000,
0.0000

■ 62.6033, 69.6179,
75.1038

■ 62.6033, 69.6179,
75.1038

■ 56.2571, 66.4412,
70.6077

■ 69.8477, 73.2578,
79.8102

■ 50.7660, 63.6998,
66.3138

■ 78.0193, 77.3701,
84.7258

■ 46.0920, 61.3761,
62.2198

■ 82.3635, 79.5055,
89.6312

■ 42.1922, 59.4479,
58.3218

■ 83.2971, 79.8790,
94.5478

■ 39.0194, 57.8910,
54.6157

■ 84.2639, 80.2657,
99.6384

■ 36.5212, 56.6784,
51.0970

■ 85.2639, 80.6657,
104.9047

■ 34.6377, 55.7793,
47.7610

■ 85.4126, 80.7252,
105.6875

■ 33.2983, 55.1573,
44.6022

■ 32.3862, 54.7523,
41.6131

Harmonies

Analogous

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



63.1920, 69.6179, 70.1410



62.6033, 69.6179, 75.1038



62.9551, 69.6179, 80.4905

Triad

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



62.6033, 69.6179, 75.1038



67.7872, 69.6179, 85.5522



68.2186, 69.6179, 67.4684

Complementary

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



62.6033, 69.6179, 75.1038



62.2758, 61.8096, 67.6828

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.



69.4919, 69.6179, 71.2993



62.6033, 69.6179, 75.1038



69.2396, 69.6179, 81.7598

Square

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



62.6033, 69.6179, 75.1038



65.9255, 69.6179, 86.6884



69.8691, 69.6179, 76.5046



66.4146, 69.6179, 65.8675

Rectangle

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



62.6033, 69.6179, 75.1038



63.6794, 69.6179, 83.5725



69.8691, 69.6179, 76.5046



68.7242, 69.6179, 68.5289

Sweetspot

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



62.6053, 69.6208, 75.1053



91.9412, 98.4378, 106.9273



62.4821, 69.7713, 65.4334



19.5055, 20.9825, 22.7749



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.



62.6053, 69.6208, 75.1053



84.2086, 94.5571, 101.7946



62.2940, 67.7333, 78.9013



13.9408, 15.5021, 16.7235



19.2594, 32.5286, 24.8870



1.3729, 2.2699, 1.9250

Inverse Universe

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



62.2758, 61.8096, 67.6828



83.6861, 82.1671, 90.0217



62.5482, 63.5070, 64.2207



13.8675, 13.7646, 15.0725



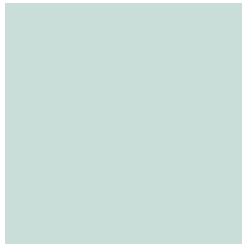
18.4752, 9.4571, 3.9023



1.3185, 0.6707, 0.4700

Previews

White Background



This preview shows how the XYZ color 62.6033, 69.6179, 75.1038 looks on a white background.

Color Contrast Check

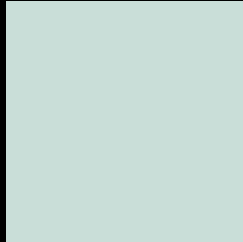
Large Text (above 18pt) WCAG AA × Fail

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 62.6033, 69.6179, 75.1038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

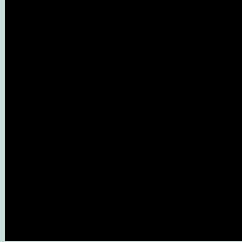
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

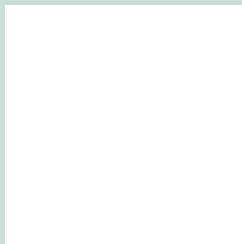
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.6033, 69.6179, 75.1038

Background



This preview shows how black text looks on a background with the XYZ color 62.6033, 69.6179, 75.1038.

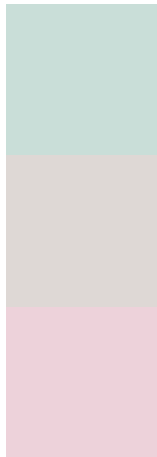


This preview shows how white text looks on a background with the XYZ color 62.6033, 69.6179,

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

62.6033, 69.6179, 75.1038

Protanopia

66.6903, 69.4454, 72.8401

Deuteranopia

70.6265, 69.1597, 75.9564



Tritanopia

65.3737, 69.5565, 89.3371

Trichromacy



Original Color

62.6033, 69.6179, 75.1038

Protanomaly

64.9406, 69.2940, 73.5707

Deuteranomaly

67.3114, 68.9502, 75.4067

Tritanomaly

64.3647, 69.5401, 84.1589

Monochromacy



Original Color

62.6033, 69.6179, 75.1038

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.9155, 68.7507, 74.1915

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6033, 69.6179, 75.1038 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(201, 222, 216) looks like.

```
.text, #text, p{  
    color:rgb(201, 222, 216)  
}
```

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(201, 222, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 222, 216) }
```

Border

The CSS property to change the border of an element to XYZ 62.6033, 69.6179, 75.1038 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(201, 222, 216) }
```


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

```
.border{ border-color:rgb(201, 222, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 222, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 222, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 222, 216); box-shadow:4px 4px 4px 4px rgb(201, 222, 216) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6033, 69.6179, 75.1038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 222, 216) }
```

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

```
.background{ background-color: rgb(201,  
222, 216) }
```

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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