

Converting Colors

XYZ(61.8267, 68.9625, 73.1855)

Have a look what the booklet for
XYZ(61.8267, 68.9625, 73.1855)
contains.

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Color

**XYZ(61.6861, 68.7964,
72.9786)**

Conversions

Conversions Part 1

Format	Color
Hex	C8DDD5
RGB	200, 221, 213
RGB Percent	78%, 87%, 84%
CMY	0.2157, 0.1333, 0.1647
CMYK	0.10, 0.00, 0.04, 0.13
HSL	157°, 24%, 83%
HSV	157°, 10%, 87%
XYZ	61.6861, 68.7964, 72.9786
YIQ	213.8090, -9.9480, -6.9400

Conversions

Conversions Part 2

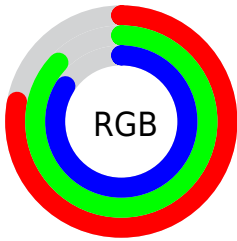
Format	Color
R_{YB}	200, 213, 221
Decimal	13163989
CIE Lab	86.40, -8.49, 1.53
CIE LCh	86, 8.631, 169.797
Yxy	68.7964, 0.3032, 0.3381
Android (android.graphics.Color)	4291354069 (0xFFC8DDD5)
YUV	213.8090, -0.3988, -12.1105
Hunter-Lab	82.9436, -12.3988, 5.8937

Details

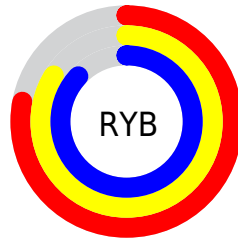
The XYZ color **61.6861, 68.7964, 72.9786** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.8607, 61.2365, 68.2371**, and the grayscale version is **63.7971, 67.1195, 73.0932**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.6618, 35.8521, 37.5991** is the 20% darker color. If you saturate the color by 10%, you get **55.1640, 65.5564, 67.2384**, and if you desaturate by 10%, it is **69.1208, 72.5043, 79.0542**.

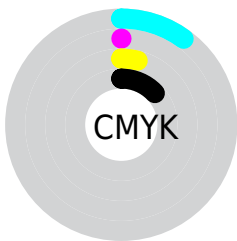
Distribution



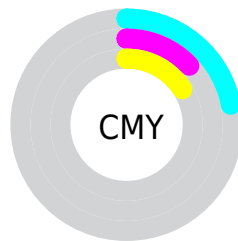
- Red (78%)
- Green (87%)
- Blue (84%)



- Red (78%)
- Yellow (84%)
- Blue (87%)



- Cyan (10%)
- Magenta (0%)
- Yellow (4%)
- Black (13%)



- Cyan (22%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6861, 68.7964, 72.9786 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 61.6861, 68.7964, 72.9786 by changing the saturation by 10% instead.

61.6861, 68.7964,
72.9786

61.6861, 68.7964,
72.9786

420.5210,
456.3126, 490.0094

45.0337, 50.5459,
53.4667

106.3642,
117.4907, 125.1675

31.6854, 35.8474,
37.7852

135.1207,
148.7034, 158.6816

21.2757, 24.3163,
25.5155

168.6426,
185.0055, 197.7001

13.4393, 15.5684,
16.2390

207.2953,
226.7815, 242.6418

7.8108, 9.2193,
9.5373

251.4441,
274.4159, 293.9250

4.0249, 4.8845,
4.9917

301.4545,

1.7162, 2.1797,

328.2929, 351.9683

2.1837

357.6916,
388.7970, 417.1903

■ 0.4664, 0.7089,
0.6650

■ 0.0000, 0.0000,
0.0000

■ 61.6861, 68.7964,
72.9786

■ 61.6861, 68.7964,
72.9786

■ 55.1640, 65.5564,
67.2384

■ 69.1208, 72.5043,
79.0542

■ 49.5114, 62.7563,
61.8229

■ 77.4974, 76.6894,
85.4665

■ 44.6903, 60.3788,
56.7274

■ 82.5695, 79.1643,
92.0223

■ 40.6577, 58.4016,
51.9451

■ 83.8381, 79.6717,
98.7025

■ 37.3663, 56.8004,
47.4694

■ 85.1478, 80.1956,
105.5993

■ 34.7636, 55.5485,
43.2928

■ 32.7901, 54.6150,
39.4077

■ 31.3752, 53.9639,
35.8058

■ 30.4018, 53.5348,
32.4762

Harmonies

Analogous

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



62.5029, 68.7964, 68.0382



61.6861, 68.7964, 72.9786



61.8460, 68.7964, 78.6901

Triad

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



61.6861, 68.7964, 72.9786



66.6966, 68.7964, 85.7260



67.8962, 68.7964, 66.8270

Complementary

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



61.6861, 68.7964, 72.9786



61.8607, 61.2365, 68.2371

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.



69.0647, 68.7964, 71.2483



61.6861, 68.7964, 72.9786



68.3624, 68.7964, 82.2244

Square

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



61.6861, 68.7964, 72.9786



64.7119, 68.7964, 86.2474



69.2370, 68.7964, 76.8703



66.0707, 68.7964, 64.6081

Rectangle

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



61.6861, 68.7964, 72.9786



62.4860, 68.7964, 82.1611



69.2370, 68.7964, 76.8703



68.3804, 68.7964, 68.0941

Sweetspot

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



61.6880, 68.7993, 72.9801



91.8255, 98.3915, 106.3178



62.3106, 69.3033, 64.7373



19.4743, 20.9700, 22.6102



0.0000, 0.0000, 0.0000



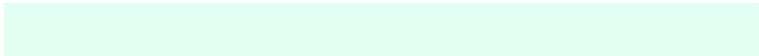
20.3446, 21.4041, 23.3091

Same Dimension

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



61.6880, 68.7993, 72.9801



83.7993, 94.3934, 99.6391



62.0871, 67.9312, 78.2498



13.2236, 14.7411, 15.6404



17.6914, 31.1092, 19.0720



1.1876, 2.0320, 1.4541

Inverse Universe

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



61.8607, 61.2365, 68.2371



84.0750, 82.3226, 92.0694



61.4726, 61.9966, 63.3711



13.2603, 13.1332, 14.6321



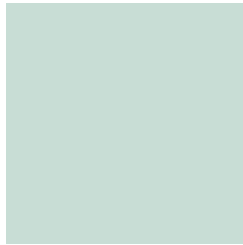
18.3077, 9.3241, 6.0006



1.2273, 0.6205, 0.6057

Previews

White Background



This preview shows how the XYZ color 61.6861, 68.7964, 72.9786 looks on a white background.

Color Contrast Check

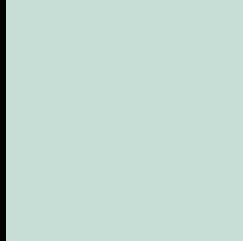
Large Text (above 18pt) WCAG AA × Fail

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 61.6861, 68.7964, 72.9786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

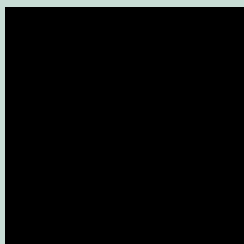
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

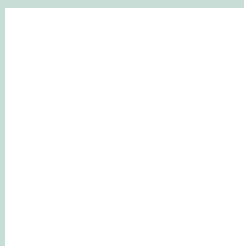
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.6861, 68.7964, 72.9786

Background



This preview shows how black text looks on a background with the XYZ color 61.6861, 68.7964, 72.9786.

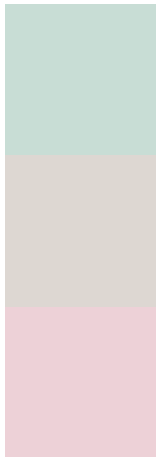


This preview shows how white text looks on a background with the XYZ color 61.6861, 68.7964,

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

61.6861, 68.7964, 72.9786

Protanopia

65.7521, 68.6262, 70.7534

Deuteranopia

69.9913, 68.5117, 73.8251



Tritanopia

64.9686, 68.9783, 88.4872

Trichromacy



Original Color

61.6861, 68.7964, 72.9786

Protanomaly

64.0113, 68.4750, 71.4713

Deuteranomaly

66.6723, 68.2908, 73.2858

Tritanomaly

63.8252, 68.9056, 82.6092

Monochromacy



Original Color

61.6861, 68.7964, 72.9786

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.2449, 68.0361, 73.4172

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6861, 68.7964, 72.9786 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(200, 221, 213)` looks like.

```
.text, #text, p{  
    color:rgb(200, 221, 213)  
}
```

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(200, 221, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 221, 213) }
```

Border

The CSS property to change the border of an element to XYZ 61.6861, 68.7964, 72.9786 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(200, 221, 213) }
```


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

```
.border{ border-color:rgb(200, 221, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 221, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 221, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 221, 213);  
box-shadow:4px 4px 4px 4px rgb(200, 221,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6861, 68.7964, 72.9786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 221, 213) }
```

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

```
.background{ background-color: rgb(200,  
221, 213) }
```

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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