

Converting Colors

XYZ(61.0681, 69.7431, 69.4042)

Have a look what the booklet for
XYZ(61.0681, 69.7431, 69.4042)
contains.

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Color

**XYZ(60.9441, 69.6866,
69.2703)**

Conversions

Conversions Part 1

Format	Color
Hex	C5E0CF
RGB	197, 224, 207
RGB Percent	77%, 88%, 81%
CMY	0.2274, 0.1215, 0.1882
CMYK	0.12, 0.00, 0.08, 0.12
HSL	142°, 30%, 83%
HSV	142°, 12%, 88%
XYZ	60.9441, 69.6866, 69.2703
YIQ	213.9890, -10.6350, -11.0110

Conversions

Conversions Part 2

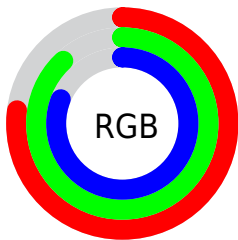
Format	Color
RYB	197, 217, 224
Decimal	12968143
CIELab	86.84, -12.13, 5.30
CIELCh	87, 13.241, 156.389
Yxy	69.6866, 0.3049, 0.3486
Android (android.graphics.Color)	4291158223 (0xFFC5E0CF)
YUV	213.9890, -3.4456, -14.8994
Hunter-Lab	83.4785, -15.7721, 9.2362

Details

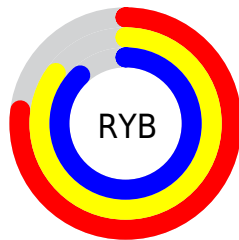
The XYZ color **60.9441, 69.6866, 69.2703** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.8468, 60.6366, 72.0131**, and the grayscale version is **63.9383, 67.2681, 73.2549**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **31.2654, 36.5155, 35.5373** is the 20% darker color. If you saturate the color by 10%, you get **53.8609, 66.2275, 60.3362**, and if you desaturate by 10%, it is **69.0569, 73.6626, 79.0597**.

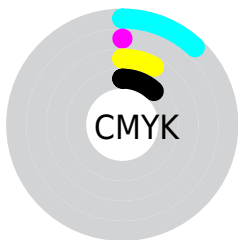
Distribution



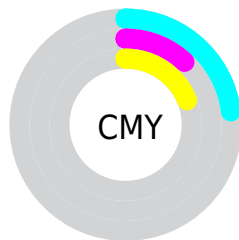
- Red (77%)
- Green (88%)
- Blue (81%)



- Red (77%)
- Yellow (85%)
- Blue (88%)



- Cyan (12%)
- Magenta (0%)
- Yellow (8%)
- Black (12%)



- Cyan (23%)
- Magenta (12%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.9441, 69.6866, 69.2703 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 60.9441, 69.6866, 69.2703 by changing the saturation by 10% instead.

60.9441, 69.6866,
69.2703

60.9441, 69.6866,
69.2703

417.8482,
459.4488, 476.7035

44.4324, 51.2711,
50.4587

105.2966,
118.7617, 119.8389

31.2100, 36.4244,
35.4043

133.8681,
150.1901, 152.4330

20.9114, 24.7621,
23.6884

167.1902,
186.7249, 190.4584

13.1713, 15.8999,
14.8926

205.6284,
228.7505, 234.3336

7.6245, 9.4534,
8.5983

249.5479,
276.6513, 284.4772

3.9054, 5.0381,
4.3869

299.3141,

1.6487, 2.2696,

330.8117, 341.3077

1.8399

355.2925,
391.6161, 405.2436

■ 0.4239, 0.7576,
0.4541

■ 0.0000, 0.0000,
0.0000

■ 60.9441, 69.6866,
69.2703

■ 60.9441, 69.6866,
69.2703

■ 53.8609, 66.2275,
60.3362

■ 69.0569, 73.6626,
79.0597

■ 47.7591, 63.2550,
52.2299

■ 78.2332, 78.1667,
89.7219

■ 42.5953, 60.7492,
44.9289

■ 85.0453, 81.4333,
101.1173

■ 38.3206, 58.6854,
38.4083

■ 85.9470, 81.7939,
105.8657

■ 34.8811, 57.0364,
32.6415

■ 32.2173, 55.7719,
27.6006

■ 30.2608, 54.8575,
23.2558

■ 28.9303, 54.2517,
19.5748

■ 28.2166, 53.9378,
17.0986

Harmonies

Analogous

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



62.7759, 69.6866, 62.9993



60.9441, 69.6866, 69.2703



60.5100, 69.6866, 77.7842

Triad

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



60.9441, 69.6866, 69.2703



66.8977, 69.6866, 94.0541



71.1288, 69.6866, 66.2326

Complementary

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



60.9441, 69.6866, 69.2703



62.8468, 60.6366, 72.0131

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.



72.3103, 69.6866, 74.0010



60.9441, 69.6866, 69.2703



69.8190, 69.6866, 90.3995

Square

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



60.9441, 69.6866, 69.2703



63.8861, 69.6866, 92.5421



71.8236, 69.6866, 82.8907



68.6408, 69.6866, 61.3431

Rectangle

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



60.9441, 69.6866, 69.2703



61.0592, 69.6866, 83.6855



71.8236, 69.6866, 82.8907



71.6953, 69.6866, 68.5697

Sweetspot

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



60.9460, 69.6896, 69.2718



90.3795, 97.7097, 103.3737



64.4970, 71.6570, 63.2561



19.1625, 20.8245, 21.9083



0.0000, 0.0000, 0.0000



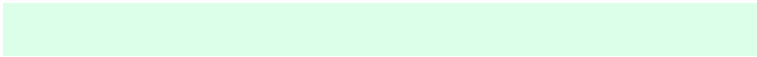
20.3446, 21.4041, 23.3091

Same Dimension

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



60.9460, 69.6896, 69.2718



79.7034, 92.4825, 90.3825



62.6553, 70.3732, 78.2724



13.7376, 15.4208, 15.6535



16.4743, 31.4146, 10.2207



1.1842, 2.1944, 0.9310

Inverse Universe

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



62.8468, 60.6366, 72.0131



82.6437, 78.4773, 94.6224



61.2044, 59.9796, 63.3646



14.0685, 13.8450, 16.1308



20.7509, 10.3674, 15.8858



1.4811, 0.7357, 1.3265

Previews

White Background



This preview shows how the XYZ color 60.9441, 69.6866, 69.2703 looks on a white background.

Color Contrast Check

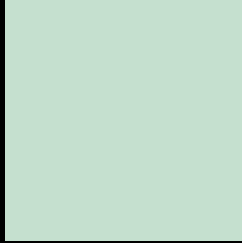
Large Text (above 18pt) WCAG AA × Fail

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 60.9441, 69.6866, 69.2703 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

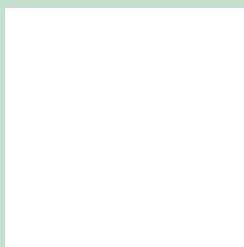
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.9441, 69.6866, 69.2703

Background



This preview shows how black text looks on a background with the XYZ color 60.9441, 69.6866, 69.2703.

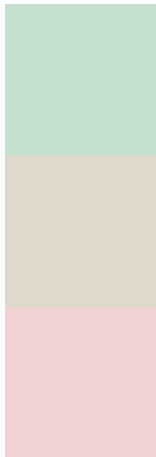


This preview shows how white text looks on a background with the XYZ color 60.9441, 69.6866,

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

60.9441, 69.6866, 69.2703

Protanopia

66.0758, 69.2708, 66.3879

Deuteranopia

70.9551, 69.4471, 70.6377



Tritanopia

65.2364, 69.8574, 90.1663

Trichromacy



Original Color

60.9441, 69.6866, 69.2703

Protanomaly

63.9622, 69.3188, 67.1354

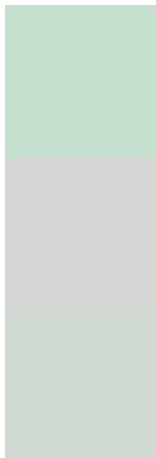
Deuteranomaly

66.8604, 69.2119, 70.1569

Tritanomaly

63.4033, 69.4832, 82.0214

Monochromacy



Original Color

60.9441, 69.6866, 69.2703

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.8417, 68.2559, 71.4906

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9441, 69.6866, 69.2703 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(197, 224, 207)` looks like.

```
.text, #text, p{  
    color:rgb(197, 224, 207)  
}
```

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(197, 224, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 224, 207) }
```

Border

The CSS property to change the border of an element to XYZ 60.9441, 69.6866, 69.2703 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(197, 224, 207) }
```


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

```
.border{ border-color:rgb(197, 224, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 224, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 224, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 224, 207);  
box-shadow:4px 4px 4px 4px rgb(197, 224,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9441, 69.6866, 69.2703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 224, 207) }
```

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

```
.background{ background-color: rgb(197,  
224, 207) }
```

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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