

Converting Colors

XYZ(60.8874, 69.9478, 63.3995)

Have a look what the booklet for
XYZ(60.8874, 69.9478, 63.3995)
contains.

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Color

**XYZ(60.8211, 69.7600,
63.0827)**

Conversions

Conversions Part 1

Format	Color
Hex	C9E0C5
RGB	201, 224, 197
RGB Percent	79%, 88%, 77%
CMY	0.2118, 0.1215, 0.2274
CMYK	0.10, 0.00, 0.12, 0.12
HSL	111°, 30%, 83%
HSV	111°, 12%, 88%
XYZ	60.8211, 69.7600, 63.0827
YIQ	214.0450, -5.0410, -13.2730

Conversions

Conversions Part 2

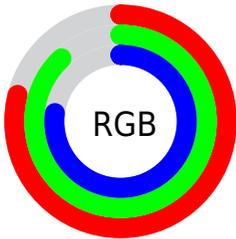
Format	Color
RYB	197, 224, 220
Decimal	13230277
CIELab	86.88, -12.58, 10.65
CIELCh	87, 16.480, 139.752
Yxy	69.7600, 0.3141, 0.3602
Android (android.graphics.Color)	4291420357 (0xFFC9E0C5)
YUV	214.0450, -8.4032, -11.4405
Hunter-Lab	83.5225, -16.1805, 13.6853

Details

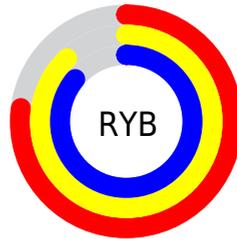
The XYZ color **60.8211, 69.7600, 63.0827** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **62.9387, 60.5318, 78.8911**, and the grayscale version is **64.0056, 67.3389, 73.3320**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **31.1785, 36.5621, 31.4005** is the 20% darker color. If you saturate the color by 10%, you get **53.6280, 66.3287, 50.3286**, and if you desaturate by 10%, it is **69.0368, 73.6784, 77.8785**.

Distribution



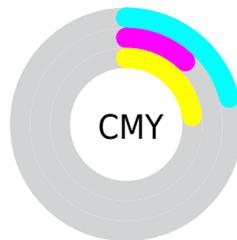
- Red (79%)
- Green (88%)
- Blue (77%)



- Red (77%)
- Yellow (88%)
- Blue (86%)



- Cyan (10%)
- Magenta (0%)
- Yellow (12%)
- Black (12%)



- Cyan (21%)
- Magenta (12%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8211, 69.7600, 63.0827 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 60.8211, 69.7600, 63.0827 by changing the saturation by 10% instead.

60.8211, 69.7600,
63.0827

60.8211, 69.7600,
63.0827

417.4041,
459.7069, 453.9858

44.3328, 51.3309,
45.4667

105.1194,
118.8664, 110.8755

31.1313, 36.4720,
31.4796

133.6602,
150.3126, 141.8894

20.8511, 24.7990,
20.7028

166.9491,
186.8665, 178.2064

13.1271, 15.9273,
12.7178

205.3516,
228.9126, 220.2449

7.5937, 9.4728,
7.1061

249.2330,
276.8353, 268.4236

3.8857, 5.0508,
3.4491

298.9587,

1.6377, 2.2771,

331.0190, 323.1609

1.3283

354.8939,
391.8480, 384.8755

■ 0.4168, 0.7615,
0.0848

■ 0.0000, 0.0000,
0.0000

■ 60.8211, 69.7600,
63.0827

■ 60.8211, 69.7600,
63.0827

■ 53.6280, 66.3287,
50.3286

■ 69.0368, 73.6784,
77.8785

■ 47.4117, 63.3568,
39.5222

■ 78.3072, 78.0927,
94.7953

■ 42.1315, 60.8275,
30.5692

■ 85.9470, 81.7940,
105.8657

■ 37.7414, 58.7192,
23.3652

■ 34.1917, 57.0089,
17.7959

■ 31.4275, 55.6709,
13.7332

■ 29.3873, 54.6769,
11.0300

■ 27.9996, 53.9937,
9.5097

■ 27.2900, 53.6403,
8.9153

Harmonies

Analogous

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



63.8378, 69.7600, 57.7227



60.8211, 69.7600, 63.0827



59.2932, 69.7600, 72.2520

Triad

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



60.8211, 69.7600, 63.0827



64.9982, 69.7600, 98.7529



73.5084, 69.7600, 69.0244

Complementary

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



60.8211, 69.7600, 63.0827



62.9387, 60.5318, 78.8911

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.



73.8485, 69.7600, 79.7861



60.8211, 69.7600, 63.0827



68.8345, 69.7600, 97.6755

Square

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



60.8211, 69.7600, 63.0827



61.6423, 69.7600, 93.2886



72.1086, 69.7600, 90.4731



71.1966, 69.7600, 60.9167

Rectangle

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



60.8211, 69.7600, 63.0827



59.2828, 69.7600, 79.5994



72.1086, 69.7600, 90.4731



73.8604, 69.7600, 72.4270

Sweetspot

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



60.8230, 69.7630, 63.0842



90.3261, 97.7494, 100.3330



66.4015, 71.0419, 63.0371



19.1488, 20.8344, 21.1416



0.0000, 0.0000, 0.0000



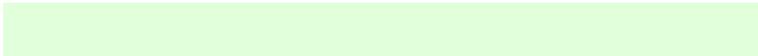
20.3446, 21.4041, 23.3091

Same Dimension

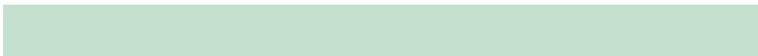
The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.8230, 69.7630, 63.0842



79.5087, 92.5917, 80.9065



60.8791, 69.6628, 68.9190



13.7168, 15.4342, 14.5629



15.9431, 31.2515, 5.1919



1.1653, 2.1972, 0.3627

Inverse Universe

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



62.9387, 60.5318, 78.8911



82.7811, 78.3106, 105.3602



62.9171, 60.6648, 72.3832



14.0851, 13.8274, 17.3143



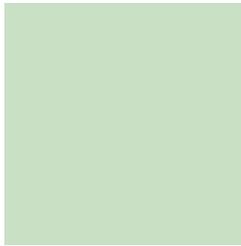
20.3887, 9.6061, 41.8279



1.4682, 0.6942, 2.9019

Previews

White Background



This preview shows how the XYZ color 60.8211, 69.7600, 63.0827 looks on a white background.

Color Contrast Check

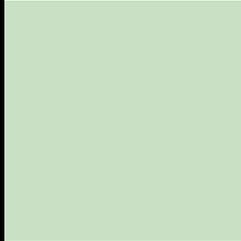
Large Text (above 18pt) WCAG AA × Fail

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 60.8211, 69.7600, 63.0827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

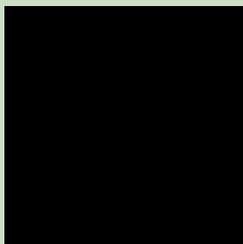
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

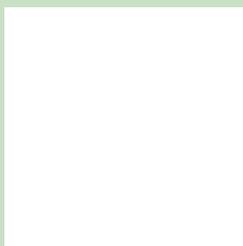
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.8211, 69.7600, 63.0827

Background



This preview shows how black text looks on a background with the XYZ color 60.8211, 69.7600, 63.0827.



This preview shows how white text looks on a background with the XYZ color 60.8211, 69.7600,

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

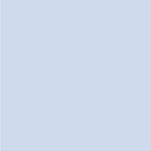
60.8211, 69.7600, 63.0827

Protanopia

66.1170, 69.8069, 60.4414

Deuteranopia

71.1281, 69.6758, 64.3435



Tritanopia

65.9439, 69.4643, 89.2892

Trichromacy



Original Color

60.8211, 69.7600, 63.0827

Protanomaly

64.2442, 69.9869, 61.1617

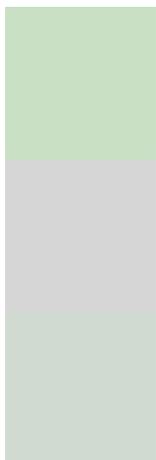
Deuteranomaly

66.9223, 69.3824, 63.8978

Tritanomaly

63.9549, 69.4395, 79.1396

Monochromacy



Original Color

60.8211, 69.7600, 63.0827

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.7511, 68.2522, 69.5412

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8211, 69.7600, 63.0827 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, 224, 197)` looks like.

```
.text, #text, p{  
    color:rgb(201, 224, 197)  
}
```

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, 224, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 224, 197) }
```

Border

The CSS property to change the border of an element to XYZ 60.8211, 69.7600, 63.0827 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, 224, 197) }
```

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

```
.border{ border-color:rgb(201, 224, 197) }
```

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

Here you see how a box with a 4 pixel rgb(201, 224, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 224, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 224, 197);  
box-shadow:4px 4px 4px 4px rgb(201, 224,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8211, 69.7600, 63.0827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 224, 197) }
```

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

```
.background{ background-color: rgb(201,  
224, 197) }
```

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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