

Converting Colors

XYZ(60.7922, 69.7288, 56.9802)

Have a look what the booklet for
XYZ(60.7922, 69.7288, 56.9802)
contains.

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Color

**XYZ(60.9722, 69.9783,
56.7480)**

Conversions

Conversions Part 1

Format	Color
Hex	CEE0BA
RGB	206, 224, 186
RGB Percent	81%, 88%, 73%
CMY	0.1922, 0.1215, 0.2706
CMYK	0.08, 0.00, 0.17, 0.12
HSL	88°, 38%, 80%
HSV	88°, 17%, 88%
XYZ	60.9722, 69.9783, 56.7480
YIQ	214.2860, 1.4700, -15.6340

Conversions

Conversions Part 2

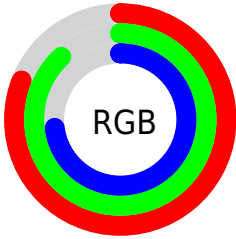
Format	Color
RYB	186, 224, 204
Decimal	13557946
CIELab	86.99, -12.68, 16.61
CIELCh	87, 20.900, 127.364
Yxy	69.9783, 0.3248, 0.3728
Android (android.graphics.Color)	4291748026 (0xFFCEE0BA)
YUV	214.2860, -13.9450, -7.2668
Hunter-Lab	83.6530, -16.2895, 18.3364

Details

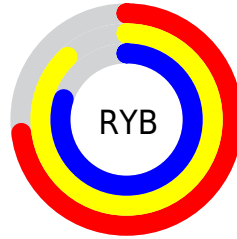
The XYZ color **60.9722, 69.9783, 56.7480** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **55.9181, 53.3390, 77.8730**, and the grayscale version is **64.2011, 67.5445, 73.5560**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **31.3705, 36.7448, 27.6294** is the 20% darker color. If you saturate the color by 10%, you get **55.9282, 67.6340, 45.0405**, and if you desaturate by 10%, it is **66.5923, 72.5806, 70.4341**.

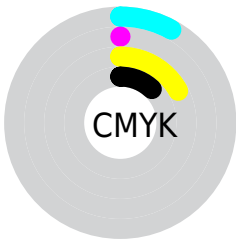
Distribution



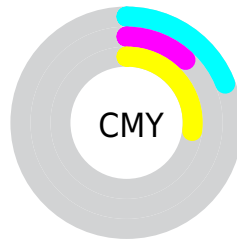
- Red (81%)
- Green (88%)
- Blue (73%)



- Red (73%)
- Yellow (88%)
- Blue (80%)



- Cyan (8%)
- Magenta (0%)
- Yellow (17%)
- Black (12%)




- Cyan (19%)
- Magenta (12%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.9722, 69.9783, 56.7480 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 60.9722, 69.9783, 56.7480 by changing the saturation by 10% instead.


 60.9722, 69.9783,
56.7480

 60.9722, 69.9783,
56.7480


417.9496,
460.4738, 429.9716

 44.4552, 51.5088,
40.3949


 105.3370,
119.1778, 101.5941

 31.2280, 36.6137,
27.5305


133.9155,
150.6767, 130.9242

 20.9252, 24.9086,
17.7361


167.2453,
187.2874, 165.4170

 13.1815, 16.0089,
10.5932

205.6916,
229.3945, 205.4912

 7.6315, 9.5305,
5.6833

249.6198,
277.3823, 251.5652

 3.9099, 5.0888,
2.5878

299.3953,

 1.6513, 2.2994,

331.6352, 304.0576

0.8862

355.3835,
392.5375, 363.3869

■ 0.4255, 0.7734,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.9722, 69.9783,
56.7480

■ 60.9722, 69.9783,
56.7480

■ 55.9282, 67.6340,
45.0405

■ 66.5923, 72.5806,
70.4341

■ 51.4334, 65.5297,
35.2154

■ 72.8028, 75.4401,
86.1798

■ 47.4670, 63.6588,
27.1756

■ 79.6247, 78.5681,
104.0670

■ 44.0043, 62.0109,
20.8131

■ 83.5784, 80.5730,
105.7548

■ 41.0185, 60.5749,
16.0087

■ 85.9471, 81.7941,
105.8657

■ 38.4794, 59.3382,
12.6270

■ 36.3524, 58.2864,
10.5097

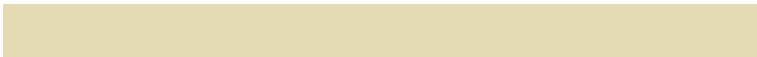
■ 34.5938, 57.4014,
9.4515

■ 34.1122, 57.1574,
9.2346

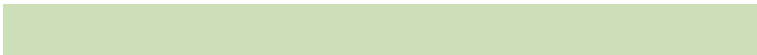
Harmonies

Analogous

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



65.3154, 69.9783, 52.5043



60.9722, 69.9783, 56.7480



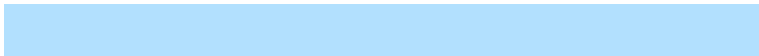
58.2126, 69.9783, 66.3011

Triad

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



60.9722, 69.9783, 56.7480



62.9616, 69.9783, 103.8233



76.2714, 69.9783, 72.7977

Complementary

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



60.9722, 69.9783, 56.7480



55.9181, 53.3390, 77.8730

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.



75.5656, 69.9783, 87.0261



60.9722, 69.9783, 56.7480



67.7237, 69.9783, 106.1146

Square

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



60.9722, 69.9783, 56.7480



59.3213, 69.9783, 93.7171



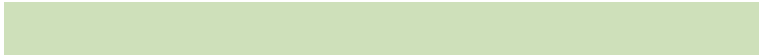
72.3782, 69.9783, 99.6422



74.2621, 69.9783, 61.0046

Rectangle

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



60.9722, 69.9783, 56.7480



57.5619, 69.9783, 74.9637



72.3782, 69.9783, 99.6422



76.3454, 69.9783, 77.4387

Sweetspot

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



60.9741, 69.9813, 56.7495



90.8771, 98.0782, 98.3426



61.1356, 62.4541, 55.2881



19.3294, 20.9365, 20.7440



0.0000, 0.0000, 0.0000



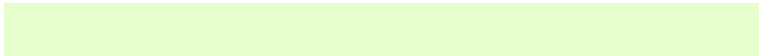
20.3446, 21.4041, 23.3091

Same Dimension

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



60.9741, 69.9813, 56.7495



79.5620, 92.8417, 70.8536



56.0795, 67.4581, 56.5205



14.2138, 15.6904, 14.5862



19.9886, 33.3370, 5.3812



1.4887, 2.3639, 0.3778

Inverse Universe

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



55.9181, 53.3390, 77.8730



71.6890, 66.9261, 103.7474



61.3655, 56.1472, 78.1279



13.5666, 13.5601, 17.2900



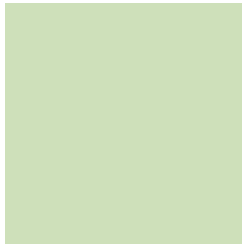
11.4304, 4.9879, 41.4087



0.8951, 0.3987, 2.8750

Previews

White Background



This preview shows how the XYZ color 60.9722, 69.9783, 56.7480 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 60.9722, 69.9783, 56.7480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

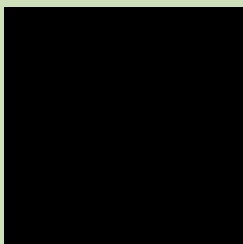
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

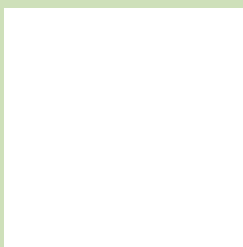
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.9722, 69.9783, 56.7480

Background



This preview shows how black text looks on a background with the XYZ color 60.9722, 69.9783, 56.7480.



This preview shows how white text looks on a background with the XYZ color 60.9722, 69.9783,

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

60.9722, 69.9783, 56.7480

Protanopia

65.6732, 69.7026, 54.7923

Deuteranopia

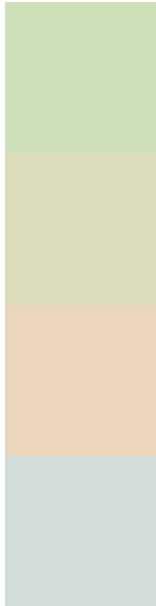
71.0527, 69.4148, 57.7976



Tritanopia

67.1047, 69.7124, 87.7609

Trichromacy



Original Color

60.9722, 69.9783, 56.7480

Protanomaly

64.0637, 70.0192, 55.4859

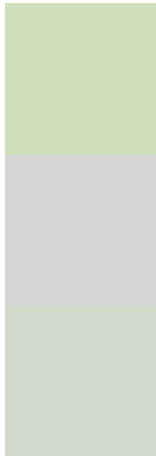
Deuteranomaly

66.7279, 69.0476, 57.3875

Tritanomaly

64.6959, 69.8978, 75.7274

Monochromacy



Original Color

60.9722, 69.9783, 56.7480

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.8345, 68.3513, 67.0081

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9722, 69.9783, 56.7480 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(206, 224, 186)` looks like.

```
.text, #text, p{  
    color:rgb(206, 224, 186)  
}
```

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(206, 224, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 224, 186) }
```

Border

The CSS property to change the border of an element to XYZ 60.9722, 69.9783, 56.7480 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(206, 224, 186) }
```


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

```
.border{ border-color:rgb(206, 224, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 224, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 224, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 224, 186);  
box-shadow:4px 4px 4px 4px rgb(206, 224,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9722, 69.9783, 56.7480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 224, 186) }
```

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

```
.background{ background-color: rgb(206,  
224, 186) }
```

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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