

Converting Colors

XYZ(60.5342, 64.6498, 79.7712)

Have a look what the booklet for
XYZ(60.5342, 64.6498, 79.7712)
contains.

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Color

**XYZ(60.5512, 64.6109,
79.8008)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D4E0
RGB	199, 212, 224
RGB Percent	78%, 83%, 88%
CMY	0.2196, 0.1686, 0.1216
CMYK	0.11, 0.05, 0.00, 0.12
HSL	209°, 29%, 83%
HSV	209°, 11%, 88%
XYZ	60.5512, 64.6109, 79.8008
YIQ	209.4810, -11.6000, 0.9760

Conversions

Conversions Part 2

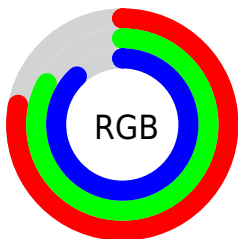
Format	Color
R _Y B	199, 208, 224
Decimal	13096160
CIE Lab	84.28, -2.03, -7.42
CIE LCh	84, 7.691, 254.726
Yxy	64.6109, 0.2954, 0.3152
Android (android.graphics.Color)	4291286240 (0xFFC7D4E0)
YUV	209.4810, 7.1579, -9.1918
Hunter-Lab	80.3809, -6.2019, -2.5955

Details

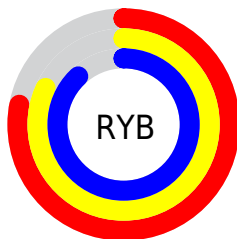
The XYZ color **60.5512, 64.6109, 79.8008** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.3438, 66.5589, 63.4898**, and the grayscale version is **60.8802, 64.0507, 69.7512**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.8955, 32.9983, 42.2771** is the 20% darker color. If you saturate the color by 10%, you get **52.4419, 56.5748, 78.6781**, and if you desaturate by 10%, it is **69.7181, 73.4612, 81.0270**.

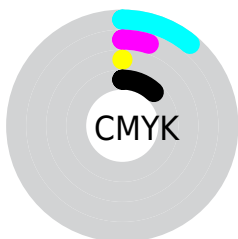
Distribution



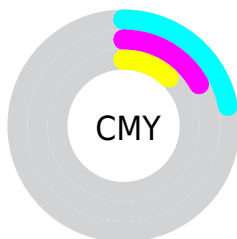
- Red (78%)
- Green (83%)
- Blue (88%)



- Red (78%)
- Yellow (82%)
- Blue (88%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)
- Black (12%)



- Cyan (22%)
- Magenta (17%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5512, 64.6109, 79.8008 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 60.5512, 64.6109, 79.8008 by changing the saturation by 10% instead.

■ 60.5512, 64.6109,
79.8008

■ 60.5512, 64.6109,
79.8008

416.4288,
441.3924, 513.9503

■ 44.1142, 47.1456,
59.0292

104.7306,
111.4903, 134.8945

■ 30.9586, 33.1508,
42.2165

133.2038,
141.6732, 170.0537

■ 20.7190, 22.2420,
28.9440

166.4198,
176.8641, 210.8459

■ 13.0301, 14.0348,
18.7933

204.7439,
217.4474, 257.6896

■ 7.5264, 8.1449,
11.3457

248.5415,
263.8074, 311.0034

■ 3.8427, 4.1878,
6.1828

298.1779,

■ 1.6135, 1.7792,

316.3287, 371.2057

2.8859

354.0186,
375.3956, 438.7152

■ 0.4012, 0.4741,
1.0367

■ 0.0000, 0.0000,
0.0000

■ 60.5512, 64.6109,
79.8008

■ 60.5512, 64.6109,
79.8008

■ 52.4419, 56.5748,
78.6781

■ 69.7181, 73.4612,
81.0270

■ 45.3429, 49.3183,
77.6516

■ 79.9760, 83.1428,
82.3550

■ 39.2117, 42.8159,
76.7197

■ 87.1215, 91.4954,
83.5906

■ 34.0003, 37.0374,
75.8790

■ 90.4547, 98.1619,
84.7017

■ 29.6563, 31.9501,
75.1260

■ 26.1214, 27.5182,
74.4569

■ 23.3294, 23.7015,
73.8673

■ 21.2014, 20.4529,
73.3524

■ 19.7589, 17.9903,
72.9531

Harmonies

Analogous

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



59.1111, 64.6109, 77.1657



60.5512, 64.6109, 79.8008



62.2477, 64.6109, 79.8261

Triad

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



60.5512, 64.6109, 79.8008



64.6359, 64.6109, 67.9908



59.1327, 64.6109, 63.8889

Complementary

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



60.5512, 64.6109, 79.8008



64.3438, 66.5589, 63.4898

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.



60.5812, 64.6109, 61.6557



60.5512, 64.6109, 79.8008



63.7693, 64.6109, 63.9485

Square

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



60.5512, 64.6109, 79.8008



64.6275, 64.6109, 72.8526



62.2783, 64.6109, 61.6770



58.3025, 64.6109, 67.9060

Rectangle

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



60.5512, 64.6109, 79.8008



63.2970, 64.6109, 78.3517



62.2783, 64.6109, 61.6770



59.5623, 64.6109, 62.9131

Sweetspot

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



60.5531, 64.6136, 79.8022



91.1314, 96.2579, 108.3842



61.9260, 70.1410, 71.6850



19.2865, 20.3928, 23.1696



0.0000, 0.0000, 0.0000



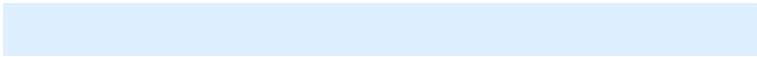
20.3446, 21.4041, 23.3091

Same Dimension

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



60.5531, 64.6136, 79.8022



79.0218, 84.5129, 106.7555



57.6245, 58.7565, 78.8261



13.5389, 14.4169, 17.4568



11.6169, 10.7033, 42.5020



0.8948, 0.9210, 2.9759

Inverse Universe

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



63.0490, 61.4489, 70.8283



82.9151, 79.6603, 92.7386



67.4826, 72.8364, 64.5361



14.0035, 13.8190, 15.7884



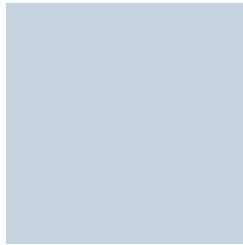
19.8039, 9.9885, 10.8988



1.4179, 0.7104, 0.9935

Previews

White Background



This preview shows how the XYZ color 60.5512, 64.6109, 79.8008 looks on a white background.

Color Contrast Check

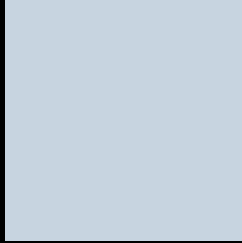
Large Text (above 18pt) WCAG AA × Fail

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 60.5512, 64.6109, 79.8008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

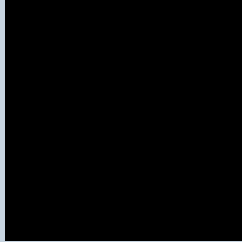
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

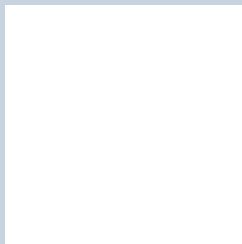
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.5512, 64.6109, 79.8008

Background



This preview shows how black text looks on a background with the XYZ color 60.5512, 64.6109, 79.8008.

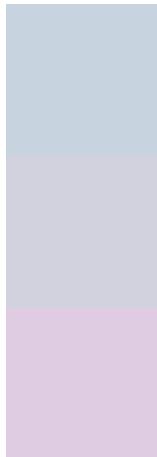


This preview shows how white text looks on a background with the XYZ color 60.5512, 64.6109,

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

60.5512, 64.6109, 79.8008

Protanopia

62.5636, 64.5765, 78.2743

Deuteranopia

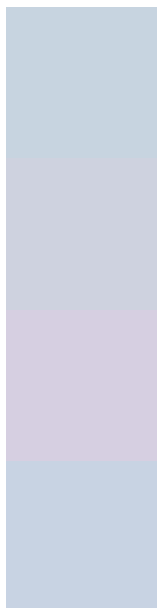
65.7518, 64.3647, 80.9096



Tritanopia

61.1173, 64.4693, 82.6214

Trichromacy



Original Color

60.5512, 64.6109, 79.8008

Protanomaly

61.8195, 64.5427, 79.0118

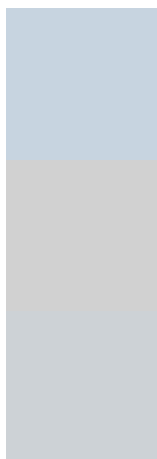
Deuteranomaly

63.6350, 64.3580, 80.3026

Tritanomaly

60.9788, 64.4139, 81.8923

Monochromacy



Original Color

60.5512, 64.6109, 79.8008

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.3610, 63.9274, 72.7762

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5512, 64.6109, 79.8008 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(199, 212, 224)` looks like.

```
.text, #text, p{  
    color:rgb(199, 212, 224)  
}
```

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(199, 212, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 212, 224) }
```

Border

The CSS property to change the border of an element to XYZ 60.5512, 64.6109, 79.8008 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(199, 212, 224) }
```


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

```
.border{ border-color:rgb(199, 212, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 212, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 212, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 212, 224);  
box-shadow:4px 4px 4px 4px rgb(199, 212,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5512, 64.6109, 79.8008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 212, 224) }
```

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

```
.background{ background-color: rgb(199,  
212, 224) }
```

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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