

Converting Colors

XYZ(60.5383, 63.5706, 79.9144)

Have a look what the booklet for
XYZ(60.5383, 63.5706, 79.9144)
contains.

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Color

**XYZ(60.3424, 63.4003,
79.5781)**

Conversions

Conversions Part 1

Format	Color
Hex	C9D1E0
RGB	201, 209, 224
RGB Percent	79%, 82%, 88%
CMY	0.2118, 0.1804, 0.1216
CMYK	0.10, 0.07, 0.00, 0.12
HSL	219°, 27%, 83%
HSV	219°, 10%, 88%
XYZ	60.3424, 63.4003, 79.5781
YIQ	208.3180, -9.5830, 2.9690

Conversions

Conversions Part 2

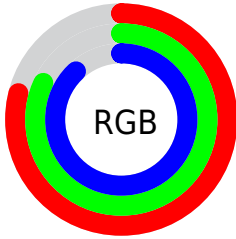
Format	Color
R _Y B	201, 207, 224
Decimal	13226464
CIE Lab	83.65, 0.20, -8.34
CIE LCh	84, 8.340, 271.343
Yxy	63.4003, 0.2968, 0.3118
Android (android.graphics.Color)	4291416544 (0xFFC9D1E0)
YUV	208.3180, 7.7312, -6.4179
Hunter-Lab	79.6243, -4.0683, -3.5186

Details

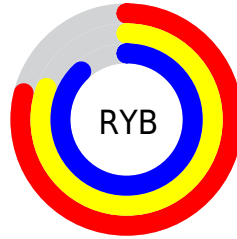
The XYZ color **60.3424, 63.4003, 79.5781** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.8392, 69.1755, 65.1415**, and the grayscale version is **60.1179, 63.2487, 68.8779**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.9154, 32.5103, 42.1818** is the 20% darker color. If you saturate the color by 10%, you get **51.3340, 53.6797, 78.1776**, and if you desaturate by 10%, it is **70.5612, 74.2360, 81.1320**.

Distribution



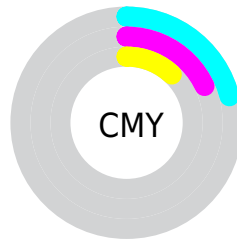
- Red (79%)
- Green (82%)
- Blue (88%)



- Red (79%)
- Yellow (81%)
- Blue (88%)



- Cyan (10%)
- Magenta (7%)
- Yellow (0%)
- Black (12%)



- Cyan (21%)
- Magenta (18%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3424, 63.4003, 79.5781 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 60.3424, 63.4003, 79.5781 by changing the saturation by 10% instead.

■ 60.3424, 63.4003,
79.5781

■ 60.3424, 63.4003,
79.5781

415.6732,
437.0208, 513.1791

■ 43.9452, 46.1651,
58.8471

104.4297,
109.7468, 134.5784

■ 30.8252, 32.3761,
42.0709

132.8506,
139.6269, 169.6849

■ 20.6169, 21.6490,
28.8308

166.0100,
174.4909, 210.4202

■ 12.9551, 13.5992,
18.7084

204.2733,
214.7229, 257.2029

■ 7.4744, 7.8424,
11.2851

248.0060,
260.7076, 310.4517

■ 3.8095, 3.9943,
6.1423

297.5733,

■ 1.5949, 1.6704,

312.8292, 370.5849

2.8616

353.3406,
371.4721, 438.0212

■ 0.3891, 0.4044,
1.0244

■ 0.0000, 0.0000,
0.0000

■ 60.3424, 63.4003,
79.5781

■ 60.3424, 63.4003,
79.5781

■ 51.3340, 53.6797,
78.1776

■ 70.5612, 74.2360,
81.1320

■ 43.4837, 45.0292,
76.9217

■ 82.0289, 86.2140,
82.8396

■ 36.7437, 37.4120,
75.8066

■ 89.7638, 96.7800,
84.4713

■ 31.0604, 30.7865,
74.8273

■ 90.4547, 98.1619,
84.7017

■ 26.3755, 25.1075,
73.9781

■ 22.6247, 20.3262,
73.2529

■ 19.7353, 16.3883,
72.6451

■ 17.6222, 13.2322,
72.1473

■ 16.1752, 10.8228,
71.7585

Harmonies

Analogous

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



58.5923, 63.4003, 78.2349



60.3424, 63.4003, 79.5781



62.1045, 63.4003, 77.9790

Triad

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



60.3424, 63.4003, 79.5781



63.3081, 63.4003, 63.9338



57.2320, 63.4003, 64.3224

Complementary

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



60.3424, 63.4003, 79.5781



65.8392, 69.1755, 65.1415

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.



58.4526, 63.4003, 60.7972



60.3424, 63.4003, 79.5781



61.9592, 63.4003, 60.5809

Square

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



60.3424, 63.4003, 79.5781



63.8379, 63.4003, 68.7968



60.1778, 63.4003, 59.4617



56.8185, 63.4003, 69.2681

Rectangle

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



60.3424, 63.4003, 79.5781



63.0430, 63.4003, 75.5042



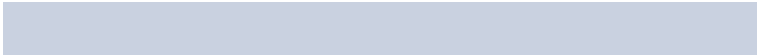
60.1778, 63.4003, 59.4617



57.5603, 63.4003, 62.9409

Sweetspot

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



60.3443, 63.4030, 79.5795



90.7206, 95.4365, 108.2473



63.1323, 70.6852, 75.2491



19.1758, 20.1713, 23.1327



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.



60.3443, 63.4030, 79.5795



78.6366, 82.5753, 106.4018



59.3676, 60.0573, 78.9852



13.3402, 14.0194, 17.3906



9.5123, 6.4941, 41.8005



0.7411, 0.6137, 2.9246

Inverse Universe

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



63.1372, 62.2253, 69.0078



83.0056, 80.7875, 89.8521



66.8812, 72.8310, 65.7922



13.9032, 13.7789, 15.2602



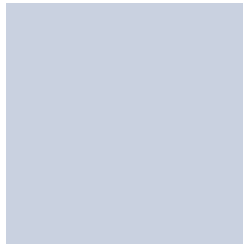
18.7416, 9.5636, 5.3048



1.3403, 0.6794, 0.5850

Previews

White Background



This preview shows how the XYZ color 60.3424, 63.4003, 79.5781 looks on a white background.

Color Contrast Check

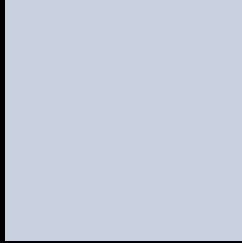
Large Text (above 18pt) WCAG AA × Fail

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 60.3424, 63.4003, 79.5781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

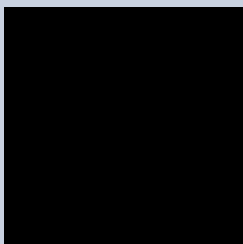
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

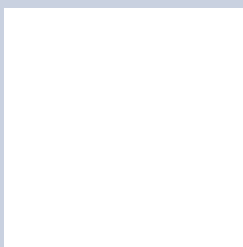
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.3424, 63.4003, 79.5781

Background



This preview shows how black text looks on a background with the XYZ color 60.3424, 63.4003, 79.5781.

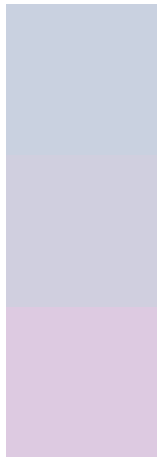


This preview shows how white text looks on a background with the XYZ color 60.3424, 63.4003,

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

60.3424, 63.4003, 79.5781

Protanopia

61.6445, 63.3633, 78.7934

Deuteranopia

64.5299, 63.0495, 80.0028



Tritanopia

60.4785, 63.4547, 80.2946

Trichromacy



Original Color

60.3424, 63.4003, 79.5781

Protanomaly

61.0520, 63.4186, 78.8353

Deuteranomaly

63.1535, 63.3950, 80.1421

Tritanomaly

60.4785, 63.4547, 80.2946

Monochromacy



Original Color

60.3424, 63.4003, 79.5781

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.8703, 62.9459, 72.6126

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3424, 63.4003, 79.5781 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, 209, 224)` looks like.

```
.text, #text, p{  
    color:rgb(201, 209, 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(201, 209, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 209, 224) }
```

Border

The CSS property to change the border of an element to XYZ 60.3424, 63.4003, 79.5781 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, 209, 224) }
```


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

```
.border{ border-color:rgb(201, 209, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 209, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 209, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 209, 224);  
box-shadow:4px 4px 4px 4px rgb(201, 209,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3424, 63.4003, 79.5781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 209, 224) }
```

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

```
.background{ background-color: rgb(201,  
209, 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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