

Converting Colors

XYZ(63.0327, 69.4543, 78.9113)

Have a look what the booklet for
XYZ(63.0327, 69.4543, 78.9113)
contains.

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Color

**XYZ(63.1287, 69.4043,
79.1764)**

Conversions

Conversions Part 1

Format	Color
Hex	C9DDDE
RGB	201, 221, 222
RGB Percent	79%, 87%, 87%
CMY	0.2118, 0.1333, 0.1294
CMYK	0.09, 0.00, 0.00, 0.13
HSL	183°, 24%, 83%
HSV	183°, 9%, 87%
XYZ	63.1287, 69.4043, 79.1764
YIQ	215.1340, -12.2410, -3.9290

Conversions

Conversions Part 2

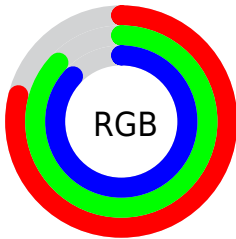
Format	Color
R _{YB}	201, 211, 222
Decimal	13229534
CIE Lab	86.70, -6.44, -2.77
CIE LCh	87, 7.013, 203.295
Yxy	69.4043, 0.2982, 0.3278
Android (android.graphics.Color)	4291419614 (0xFFC9DDDE)
YUV	215.1340, 3.3849, -12.3955
Hunter-Lab	83.3092, -10.5304, 1.9678

Details

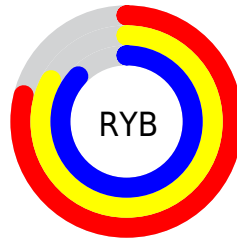
The XYZ color **63.1287, 69.4043, 79.1764** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.7878, 61.9876, 63.9679**, and the grayscale version is **64.6674, 68.0352, 74.0903**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.6439, 36.2655, 41.8386** is the 20% darker color. If you saturate the color by 10%, you get **57.3100, 65.9948, 78.8261**, and if you desaturate by 10%, it is **69.8157, 73.2678, 79.5708**.

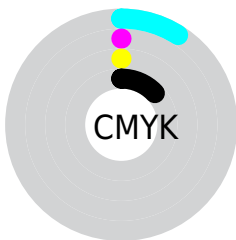
Distribution



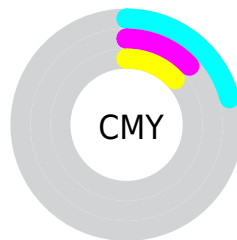
- Red (79%)
- Green (87%)
- Blue (87%)



- Red (79%)
- Yellow (83%)
- Blue (87%)



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (21%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.1287, 69.4043, 79.1764 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 63.1287, 69.4043, 79.1764 by changing the saturation by 10% instead.

■ 63.1287, 69.4043,
79.1764

■ 63.1287, 69.4043,
79.1764

425.6887,
458.4556, 511.7863

■ 46.2044, 51.0410,
58.5187

108.4359,
118.3589, 134.0081

■ 32.6124, 36.2413,
41.8083

137.5496,
149.7189, 169.0191

■ 21.9875, 24.6206,
28.6268

171.4570,
186.1801, 209.6517

■ 13.9643, 15.7946,
18.5555

210.5236,
228.1267, 256.3243

■ 8.1774, 9.3789,
11.1760

255.1147,
275.9432, 309.4556

■ 4.2614, 4.9892,
6.0697

305.5957,

■ 1.8511, 2.2409,

330.0139, 369.4639

2.8180

362.3319,
390.7232, 436.7680

■ 0.5481, 0.7422,
1.0025

■ 0.0000, 0.0000,
0.0000

■ 63.1287, 69.4043,
79.1764

■ 63.1287, 69.4043,
79.1764

■ 57.3100, 65.9948,
78.8261

■ 69.8157, 73.2678,
79.5708

■ 52.3168, 63.0115,
78.5134

■ 77.3995, 77.5944,
80.0062

■ 48.1115, 60.4369,
78.2381

■ 81.1254, 79.9347,
80.2615

■ 44.6514, 58.2492,
77.9982

■ 81.4098, 80.5035,
80.3563

41.8898, 56.4241,
77.7915

81.6959, 81.0758,
80.4517

39.7745, 54.9347,
77.6155

81.9839, 81.6517,
80.5477

38.2463, 53.7506,
77.4675

82.2735, 82.2310,
80.6442

37.2349, 52.8354,
77.3441

82.5650, 82.8139,
80.7414

36.6238, 52.1292,
77.2400

82.8582, 83.4004,
80.8391

Harmonies

Analogous

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



62.9016, 69.4043, 74.5260



63.1287, 69.4043, 79.1764



64.1104, 69.4043, 82.9994

Triad

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



63.1287, 69.4043, 79.1764



68.5124, 69.4043, 81.0644



66.3334, 69.4043, 66.9978

Complementary

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



63.1287, 69.4043, 79.1764



61.7878, 61.9876, 63.9679

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.



67.8584, 69.4043, 68.5968



63.1287, 69.4043, 79.1764



69.1298, 69.4043, 76.6227

Square

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



63.1287, 69.4043, 79.1764



67.2144, 69.4043, 84.1204



68.8885, 69.4043, 72.0738



64.7345, 69.4043, 67.6186

Rectangle

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



63.1287, 69.4043, 79.1764



65.0696, 69.4043, 84.5002



68.8885, 69.4043, 72.0738



66.8720, 69.4043, 67.2913

Sweetspot

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



63.1307, 69.4072, 79.1779



92.1756, 98.3464, 108.7323



60.8351, 68.9114, 65.7872



19.5690, 20.9577, 23.2638



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

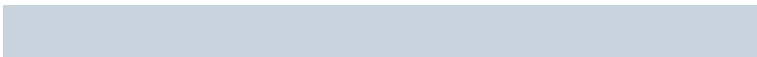
The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.1307, 69.4072, 79.1779



85.0495, 94.2161, 108.3107



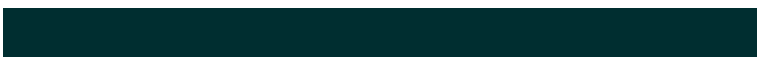
60.5181, 64.1820, 78.3071



14.0579, 15.4549, 17.6299



21.7600, 30.9895, 45.8831



1.5257, 2.1829, 3.1862

Inverse Universe

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



64.0636, 62.5248, 77.1019



86.5317, 83.3054, 105.0066



64.2615, 66.9349, 64.7924



14.2654, 13.9238, 17.1680



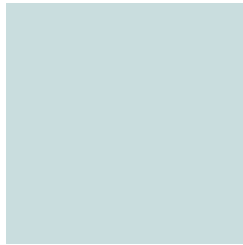
24.9236, 12.0365, 37.8592



1.7364, 0.8378, 2.6705

Previews

White Background



This preview shows how the XYZ color 63.1287, 69.4043, 79.1764 looks on a white background.

Color Contrast Check

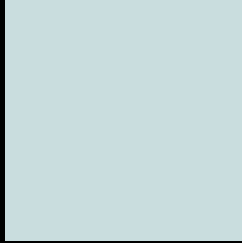
Large Text (above 18pt) WCAG AA × Fail

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 63.1287, 69.4043, 79.1764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

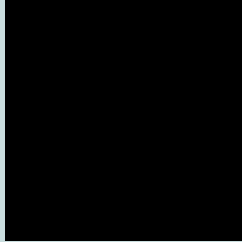
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

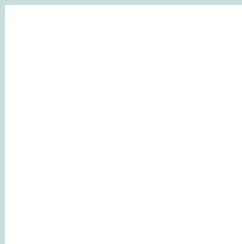
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.1287, 69.4043, 79.1764

Background



This preview shows how black text looks on a background with the XYZ color 63.1287, 69.4043, 79.1764.

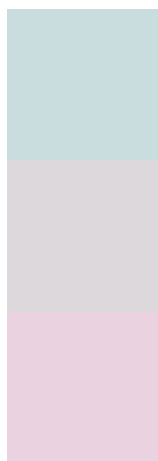


This preview shows how white text looks on a background with the XYZ color 63.1287, 69.4043,

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

63.1287, 69.4043, 79.1764

Protanopia

66.8572, 69.4419, 76.8977

Deuteranopia

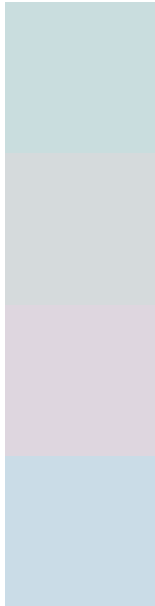
70.4328, 68.9674, 80.1208



Tritanopia

65.1004, 69.4157, 89.3243

Trichromacy



Original Color

63.1287, 69.4043, 79.1764

Protanomaly

65.4302, 69.4562, 77.6680

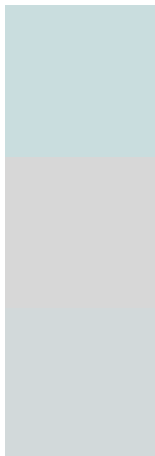
Deuteranomaly

67.4901, 68.9504, 79.5637

Tritanomaly

64.3741, 69.5125, 85.6257

Monochromacy



Original Color

63.1287, 69.4043, 79.1764

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.0461, 68.3893, 76.1545

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.1287, 69.4043, 79.1764 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, 221, 222)` looks like.

```
.text, #text, p{  
    color:rgb(201, 221, 222)  
}
```

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, 221, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 221, 222) }
```

Border

The CSS property to change the border of an element to XYZ 63.1287, 69.4043, 79.1764 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, 221, 222) }
```


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

```
.border{ border-color:rgb(201, 221, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 221, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 221, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 221, 222);  
box-shadow:4px 4px 4px 4px rgb(201, 221,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 63.1287, 69.4043, 79.1764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 221, 222) }
```

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

```
.background{ background-color: rgb(201,  
221, 222) }
```

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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