

Converting Colors

XYZ(63.5058, 71.6438, 82.6719)

Have a look what the booklet for
XYZ(63.5058, 71.6438, 82.6719)
contains.

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Color

**XYZ(63.4295, 71.4858,
82.4066)**

Conversions

Conversions Part 1

Format	Color
Hex	C3E2E2
RGB	195, 226, 226
RGB Percent	76%, 89%, 89%
CMY	0.2353, 0.1137, 0.1137
CMYK	0.14, 0.00, 0.00, 0.11
HSL	180°, 35%, 83%
HSV	180°, 14%, 89%
XYZ	63.4295, 71.4858, 82.4066
YIQ	216.7310, -18.4760, -6.5720

Conversions

Conversions Part 2

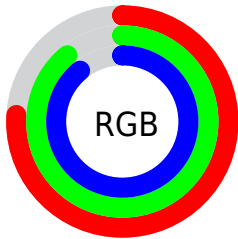
Format	Color
RYB	195, 211, 226
Decimal	12837602
CIELab	87.72, -10.13, -3.43
CIELCh	88, 10.698, 198.723
Yxy	71.4858, 0.2919, 0.3289
Android (android.graphics.Color)	4291027682 (0xFFC3E2E2)
YUV	216.7310, 4.5696, -19.0581
Hunter-Lab	84.5493, -14.0492, 1.3970

Details

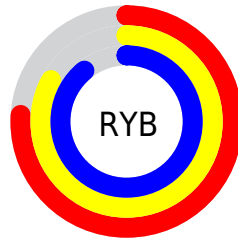
The XYZ color **63.4295, 71.4858, 82.4066** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.7320, 59.1410, 59.8473**, and the grayscale version is **65.7496, 69.1737, 75.3302**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **32.8981, 37.7288, 44.0766** is the 20% darker color. If you saturate the color by 10%, you get **58.0266, 68.7024, 82.1536**, and if you desaturate by 10%, it is **69.7204, 74.7307, 82.7042**.

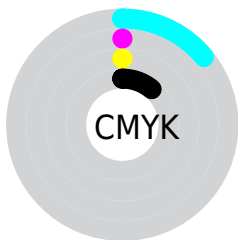
Distribution



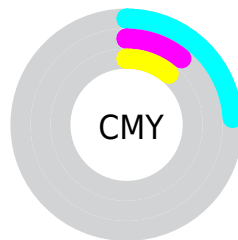
- Red (76%)
- Green (89%)
- Blue (89%)



- Red (76%)
- Yellow (83%)
- Blue (89%)



- Cyan (14%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (24%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.4295, 71.4858, 82.4066 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 63.4295, 71.4858, 82.4066 by changing the saturation by 10% instead.

63.4295, 71.4858,
82.4066

63.4295, 71.4858,
82.4066

426.7615,
465.7499, 522.9258

46.4487, 52.7387,
61.1630

108.8672,
121.3252, 138.5858

32.8062, 37.5942,
43.9253

138.0549,
153.1863, 174.3585

22.1365, 25.6679,
30.2750

172.0423,
190.1876, 215.8113

14.0744, 16.5754,
19.7936

211.1946,
232.7134, 263.3628

8.2545, 9.9322,
12.0625

255.8774,
281.1481, 317.4314

4.3114, 5.3540,
6.6632

306.4559,

1.8798, 2.4564,

335.8762, 378.4358

3.1771

363.2955,
397.2820, 446.7944

■ 0.5650, 0.8547,
1.1858

■ 0.0000, 0.0000,
0.0000

■ 63.4295, 71.4858,
82.4066

■ 63.4295, 71.4858,
82.4066

■ 58.0266, 68.7024,
82.1536

■ 69.7204, 74.7307,
82.7042

■ 53.4658, 66.3513,
81.9385

■ 76.9301, 78.4475,
83.0432

■ 49.7067, 64.4135,
81.7609

■ 82.1663, 81.1468,
83.2899

■ 46.7029, 62.8650,
81.6187

■ 82.1666, 81.1469,
83.2916

44.4034, 61.6796,
81.5095

82.1669, 81.1470,
83.2932

42.7508, 60.8277,
81.4305

82.1672, 81.1472,
83.2949

41.6789, 60.2751,
81.3787

82.1676, 81.1473,
83.2966

41.1070, 59.9803,
81.3502

82.1679, 81.1474,
83.2982

40.9226, 59.8853,
81.3406

82.1682, 81.1475,
83.2999

Harmonies

Analogous

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



63.2730, 71.4858, 75.1361



63.4295, 71.4858, 82.4066



64.7779, 71.4858, 88.8132

Triad

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



63.4295, 71.4858, 82.4066



71.6771, 71.4858, 87.4198



68.9034, 71.4858, 64.9244

Complementary

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



63.4295, 71.4858, 82.4066



60.7320, 59.1410, 59.8473

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.



71.2139, 71.4858, 67.8025



63.4295, 71.4858, 82.4066



72.8417, 71.4858, 80.5996

Square

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



63.4295, 71.4858, 82.4066



69.5229, 71.4858, 91.8295



72.6701, 71.4858, 73.4374



66.3914, 71.4858, 65.3414

Rectangle

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



63.4295, 71.4858, 82.4066



66.1905, 71.4858, 91.5920



72.6701, 71.4858, 73.4374



69.7305, 71.4858, 65.5310

Sweetspot

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



63.4316, 71.4888, 82.4082



91.3963, 98.1165, 108.7281



59.6882, 70.0069, 61.9978



19.4202, 20.9276, 23.2656



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.



63.4316, 71.4888, 82.4082



81.5993, 93.0660, 108.2670



59.5336, 63.6922, 81.1110



14.1166, 15.5724, 17.6491



23.3453, 34.1630, 46.4028



1.6182, 2.3680, 3.2165

Inverse Universe

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



60.7320, 59.1410, 59.8473



77.5009, 74.3199, 74.0156



64.2594, 66.1964, 61.0213



13.7073, 13.7006, 14.2291



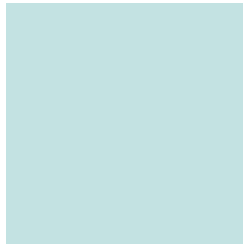
17.8933, 9.2243, 0.8379



1.2403, 0.6394, 0.0582

Previews

White Background



This preview shows how the XYZ color 63.4295, 71.4858, 82.4066 looks on a white background.

Color Contrast Check

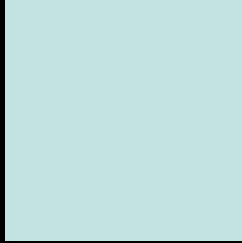
Large Text (above 18pt) WCAG AA × Fail

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 63.4295, 71.4858, 82.4066 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 63.4295, 71.4858, 82.4066

Background



This preview shows how black text looks on a background with the XYZ color 63.4295, 71.4858, 82.4066.



This preview shows how white text looks on a background with the XYZ color 63.4295, 71.4858,

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

63.4295, 71.4858, 82.4066

Protanopia

68.6876, 71.1047, 79.2116

Deuteranopia

72.8622, 71.2502, 84.0411



Tritanopia

65.8215, 71.6679, 93.5832

Trichromacy



Original Color

63.4295, 71.4858, 82.4066

Protanomaly

66.6163, 71.1867, 80.0414

Deuteranomaly

69.1992, 71.2738, 83.5088

Tritanomaly

65.0915, 71.7769, 89.7805

Monochromacy



Original Color

63.4295, 71.4858, 82.4066

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

64.8060, 69.9090, 77.7883

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.4295, 71.4858, 82.4066 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(195, 226, 226) looks like.

```
.text, #text, p{  
    color:rgb(195, 226, 226)  
}
```

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(195, 226, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 226, 226) }
```

Border

The CSS property to change the border of an element to XYZ 63.4295, 71.4858, 82.4066 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(195, 226, 226) }
```


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

```
.border{ border-color:rgb(195, 226, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 226, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 226, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 226, 226);  
box-shadow:4px 4px 4px 4px rgb(195, 226,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 63.4295, 71.4858, 82.4066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 226, 226) }
```

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

```
.background{ background-color: rgb(195,  
226, 226) }
```

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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