

Converting Colors

XYZ(67.3279, 73.4994, 82.7791)

Have a look what the booklet for
XYZ(67.3279, 73.4994, 82.7791)
contains.

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Color

**XYZ(67.2183, 73.4390,
82.5839)**

Conversions

Conversions Part 1

Format	Color
Hex	D1E2E2
RGB	209, 226, 226
RGB Percent	82%, 89%, 89%
CMY	0.1804, 0.1137, 0.1137
CMYK	0.08, 0.00, 0.00, 0.11
HSL	180°, 23%, 85%
HSV	180°, 8%, 89%
XYZ	67.2183, 73.4390, 82.5839
YIQ	220.9170, -10.1320, -3.6040

Conversions

Conversions Part 2

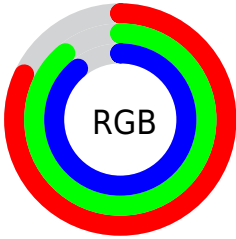
Format	Color
R _Y B	209, 218, 226
Decimal	13755106
CIE _{Lab}	88.66, -5.64, -1.95
CIE _{LCh}	89, 5.963, 199.093
Y _{xy}	73.4390, 0.3011, 0.3290
Android (android.graphics.Color)	4291945186 (0xFFD1E2E2)
YUV	220.9170, 2.5059, -10.4512
Hunter-Lab	85.6966, -9.9579, 2.8511

Details

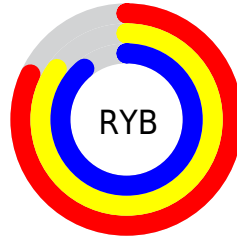
The XYZ color **67.2183, 73.4390, 82.5839** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.6758, 66.3750, 69.6751**, and the grayscale version is **68.6588, 72.2344, 78.6633**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.4312, 39.0347, 44.1951** is the 20% darker color. If you saturate the color by 10%, you get **61.2721, 70.3757, 82.3039**, and if you desaturate by 10%, it is **74.0758, 76.9761, 82.9096**.

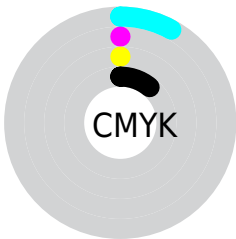
Distribution



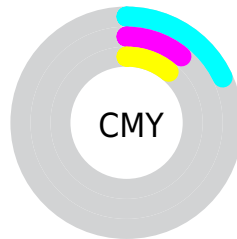
- Red (82%)
- Green (89%)
- Blue (89%)



- Red (82%)
- Yellow (85%)
- Blue (89%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (18%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.2183, 73.4390, 82.5839 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 67.2183, 73.4390, 82.5839 by changing the saturation by 10% instead.

■ 67.2183, 73.4390,
82.5839

■ 67.2183, 73.4390,
82.5839

440.1417,
472.5349, 523.5333

■ 49.5334, 54.3350,
61.3083

114.2812,
124.1002, 138.8365

■ 35.2591, 38.8696,
44.0419

144.3900,
156.4262, 174.6507

■ 24.0300, 26.6583,
30.3660

179.3707,
193.9284, 216.1481

■ 15.4807, 17.3167,
19.8621

219.5888,
236.9911, 263.7474

■ 9.2459, 10.4606,
12.1118

265.4096,
285.9987, 317.8670

■ 4.9603, 5.7054,
6.6964

317.1984,

■ 2.2585, 2.6668,

341.3356, 378.9255

3.1974

375.3207,
403.3862, 447.3414

■ 0.7733, 0.9603,
1.1963

■ 0.0000, 0.0000,
0.0000

■ 67.2183, 73.4390,
82.5839

■ 67.2183, 73.4390,
82.5839

■ 61.2721, 70.3757,
82.3039

■ 74.0758, 76.9761,
82.9096

■ 56.1929, 67.7574,
82.0629

■ 81.8740, 80.9961,
83.2778

■ 51.9421, 65.5661,
81.8607

■ 82.1673, 81.1473,
83.2948

■ 48.4758, 63.7792,
81.6952

■ 82.1679, 81.1475,
83.2981

45.7461, 62.3720,
81.5642

82.1686, 81.1478,
83.3014

43.6996, 61.3171,
81.4652

82.1692, 81.1480,
83.3047

42.2761, 60.5834,
81.3953

82.1698, 81.1483,
83.3080

41.4047, 60.1342,
81.3512

82.1704, 81.1485,
83.3113

40.9898, 59.9204,
81.3285

82.1711, 81.1488,
83.3146

Harmonies

Analogous

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



67.1186, 73.4390, 78.4720



67.2183, 73.4390, 82.5839



68.0046, 73.4390, 86.1050

Triad

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



67.2183, 73.4390, 82.5839



71.9146, 73.4390, 85.2670



70.3266, 73.4390, 72.4281

Complementary

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



67.2183, 73.4390, 82.5839



65.6758, 66.3750, 69.6751

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.



71.6299, 73.4390, 74.1195



67.2183, 73.4390, 82.5839



72.5551, 73.4390, 81.4720

Square

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



67.2183, 73.4390, 82.5839



70.7110, 73.4390, 87.6904



72.4502, 73.4390, 77.3973



68.9000, 73.4390, 72.7026

Rectangle

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



67.2183, 73.4390, 82.5839



68.8184, 73.4390, 87.5992



72.4502, 73.4390, 77.3973



70.7940, 73.4390, 72.7832

Sweetspot

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



67.2204, 73.4421, 82.5855



93.1983, 99.0455, 108.8125



65.0818, 72.5959, 70.9049



19.9677, 21.2098, 23.2913



0.0000, 0.0000, 0.0000



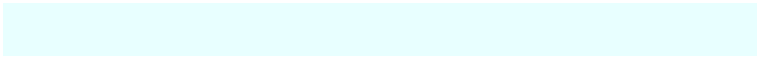
20.3446, 21.4041, 23.3091

Same Dimension

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



67.2204, 73.4421, 82.5855



87.1042, 95.9039, 108.5242



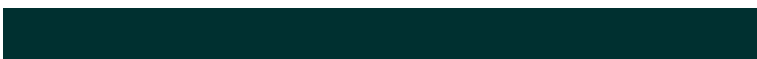
65.0393, 69.0791, 81.8608



14.1165, 15.5723, 17.6488



23.3435, 34.1623, 46.3936



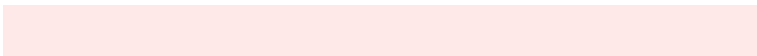
1.6181, 2.3680, 3.2160

Inverse Universe

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



65.6758, 66.3750, 69.6751



84.6839, 84.8307, 88.2953



67.7441, 70.5123, 70.3625



13.7074, 13.7006, 14.2294



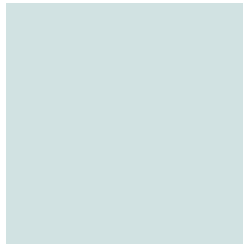
17.8934, 9.2244, 0.8384



1.2403, 0.6394, 0.0583

Previews

White Background



This preview shows how the XYZ color 67.2183, 73.4390, 82.5839 looks on a white background.

Color Contrast Check

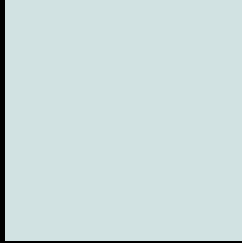
Large Text (above 18pt) WCAG AA × Fail

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 67.2183, 73.4390, 82.5839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

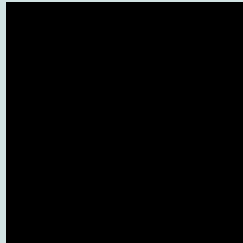
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

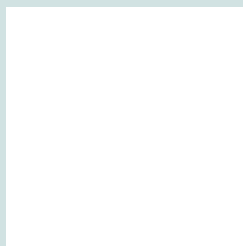
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.2183, 73.4390, 82.5839

Background



This preview shows how black text looks on a background with the XYZ color 67.2183, 73.4390, 82.5839.

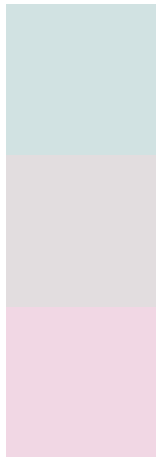


This preview shows how white text looks on a background with the XYZ color 67.2183, 73.4390,

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

67.2183, 73.4390, 82.5839

Protanopia

70.5398, 73.2094, 80.2250

Deuteranopia

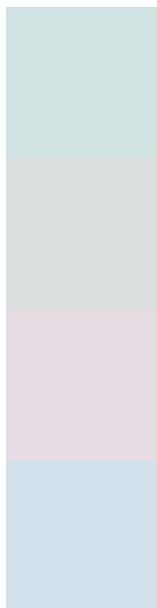
74.5797, 72.9031, 83.5397



Tritanopia

69.6842, 73.6592, 93.7640

Trichromacy



Original Color

67.2183, 73.4390, 82.5839

Protanomaly

69.3574, 73.3728, 81.0279

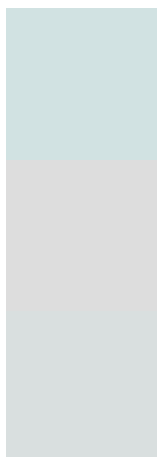
Deuteranomaly

71.5097, 72.8671, 82.9688

Tritanomaly

68.9295, 73.7554, 89.9601

Monochromacy



Original Color

67.2183, 73.4390, 82.5839

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.3222, 72.8548, 80.2734

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2183, 73.4390, 82.5839 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(209, 226, 226) looks like.

```
.text, #text, p{  
    color:rgb(209, 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(209, 226, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 226, 226) }
```

Border

The CSS property to change the border of an element to XYZ 67.2183, 73.4390, 82.5839 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(209, 226, 226) }
```


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

```
.border{ border-color:rgb(209, 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(209, 226, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 226, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 226, 226);  
box-shadow:4px 4px 4px 4px rgb(209, 226,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2183, 73.4390, 82.5839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 226, 226) }
```

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

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