

Converting Colors

XYZ(66.9833, 71.8850, 82.9827)

Have a look what the booklet for
XYZ(66.9833, 71.8850, 82.9827)
contains.

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Color

**XYZ(66.8504, 71.6375,
82.9771)**

Conversions

Conversions Part 1

Format	Color
Hex	D3DEE3
RGB	211, 222, 227
RGB Percent	83%, 87%, 89%
CMY	0.1725, 0.1294, 0.1098
CMYK	0.07, 0.02, 0.00, 0.11
HSL	199°, 22%, 86%
HSV	199°, 7%, 89%
XYZ	66.8504, 71.6375, 82.9771
YIQ	219.2810, -8.1610, -0.7770

Conversions

Conversions Part 2

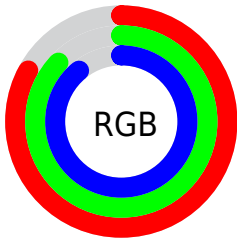
Format	Color
R _Y B	211, 218, 227
Decimal	13885155
CIE Lab	87.79, -2.73, -3.73
CIE LCh	88, 4.620, 233.779
Yxy	71.6375, 0.3019, 0.3235
Android (android.graphics.Color)	4292075235 (0xFFD3DEE3)
YUV	219.2810, 3.8055, -7.2624
Hunter-Lab	84.6389, -7.1334, 1.1214

Details

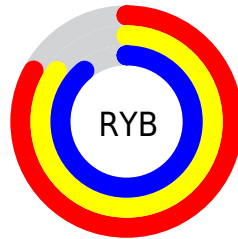
The XYZ color **66.8504, 71.6375, 82.9771** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.9926, 70.1453, 71.5850**, and the grayscale version is **67.5072, 71.0228, 77.3438**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.9754, 37.6839, 44.4600** is the 20% darker color. If you saturate the color by 10%, you get **58.9579, 64.8340, 82.0810**, and if you desaturate by 10%, it is **75.7446, 79.0788, 83.9458**.

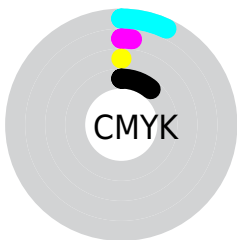
Distribution



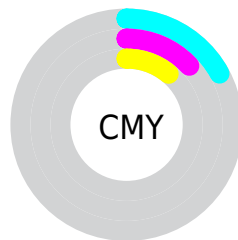
- Red (83%)
- Green (87%)
- Blue (89%)



- Red (83%)
- Yellow (85%)
- Blue (89%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (11%)



- Cyan (17%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.8504, 71.6375, 82.9771 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 66.8504, 71.6375, 82.9771 by changing the saturation by 10% instead.

■ 66.8504, 71.6375,
82.9771

■ 66.8504, 71.6375,
82.9771

438.8529,
466.2789, 524.8792

■ 49.2333, 52.8626,
61.6308

113.7570,
121.5410, 139.3923

■ 35.0199, 37.6931,
44.3006

143.7772,
153.4384, 175.2983

■ 23.8448, 25.7446,
30.5679

178.6625,
190.4788, 216.8946

■ 15.3426, 16.6327,
20.0144

218.7783,
233.0465, 264.5997

■ 9.1481, 9.9729,
12.2213

264.4899,
281.5260, 318.8321

■ 4.8958, 5.3810,
6.7702

316.1626,

■ 2.2204, 2.4725,

336.3016, 380.0105

3.2426

374.1618,
397.7578, 448.5534

■ 0.7534, 0.8628,
1.2198

■ 0.0000, 0.0000,
0.0000

■ 66.8504, 71.6375,
82.9771

■ 66.8504, 71.6375,
82.9771

■ 58.9579, 64.8340,
82.0810

■ 75.7446, 79.0788,
83.9458

■ 52.0216, 58.6376,
81.2505

■ 85.1535, 86.9025,
84.9600

■ 46.0016, 53.0282,
80.4851

■ 87.2374, 91.0703,
85.6546

■ 40.8528, 47.9811,
79.7823

■ 89.4032, 95.4019,
86.3765

■ 36.5258, 43.4694,
79.1395

■ 90.8653, 98.3261,
86.8639

■ 32.9661, 39.4633,
78.5539

■ 30.1121, 35.9296,
78.0222

■ 27.8915, 32.8293,
77.5408

■ 26.2109, 30.1128,
77.1051

Harmonies

Analogous

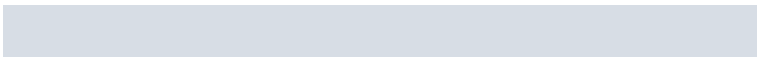
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.1771, 71.6375, 80.4624



66.8504, 71.6375, 82.9771



67.8610, 71.6375, 84.1623

Triad

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



66.8504, 71.6375, 82.9771



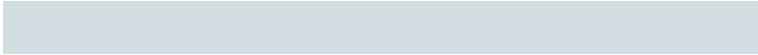
70.2079, 71.6375, 78.6576



67.2423, 71.6375, 72.6022

Complementary

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



66.8504, 71.6375, 82.9771



67.9926, 70.1453, 71.5850

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.



68.3181, 71.6375, 72.1481



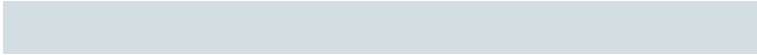
66.8504, 71.6375, 82.9771



70.0380, 71.6375, 75.5904

Square

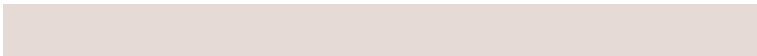
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.8504, 71.6375, 82.9771



69.8053, 71.6375, 81.6256



69.3434, 71.6375, 73.2280



66.4016, 71.6375, 74.4854

Rectangle

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



66.8504, 71.6375, 82.9771



68.5930, 71.6375, 84.0169



69.3434, 71.6375, 73.2280



67.5881, 71.6375, 72.2795

Sweetspot

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



66.8525, 71.6405, 82.9787



92.6925, 98.0335, 108.6447



66.7031, 73.7358, 75.5483



19.8647, 21.0039, 23.2571



0.0000, 0.0000, 0.0000



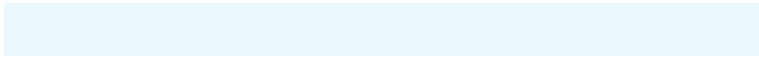
20.3446, 21.4041, 23.3091

Same Dimension

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



66.8525, 71.6405, 82.9787



85.9402, 92.3366, 107.9010



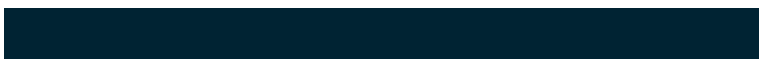
64.8275, 67.5906, 82.3037



14.4079, 15.5372, 18.3839



15.1390, 17.3401, 44.9322



1.2007, 1.4454, 3.3477

Inverse Universe

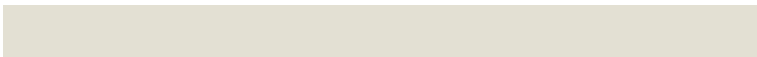
The Inverse Universe completely reimagines the original color for something new.



68.1593, 68.1948, 78.6813



87.8750, 87.2643, 101.5319



70.0395, 74.2391, 72.2673



14.7935, 14.5346, 17.1128



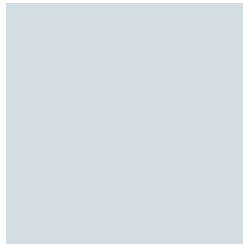
22.0350, 10.9482, 19.6109



1.6697, 0.8256, 1.6672

Previews

White Background



This preview shows how the XYZ color 66.8504, 71.6375, 82.9771 looks on a white background.

Color Contrast Check

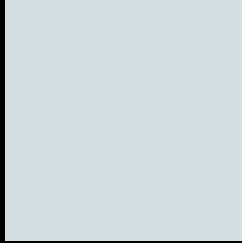
Large Text (above 18pt) WCAG AA × Fail

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 66.8504, 71.6375, 82.9771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

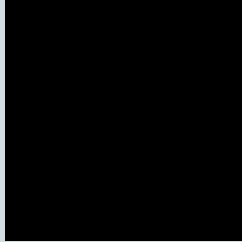
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

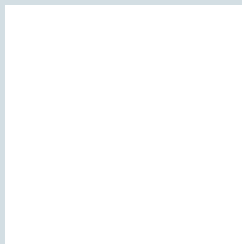
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.8504, 71.6375, 82.9771

Background



This preview shows how black text looks on a background with the XYZ color 66.8504, 71.6375, 82.9771.

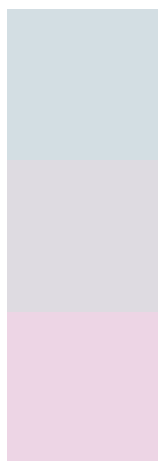


This preview shows how white text looks on a background with the XYZ color 66.8504, 71.6375,

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

66.8504, 71.6375, 82.9771

Protanopia

69.0463, 71.6289, 81.4208

Deuteranopia

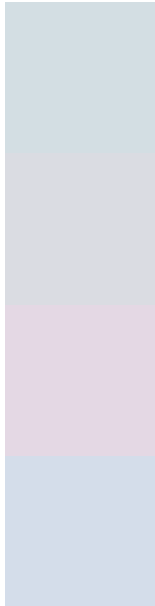
72.8622, 71.2502, 84.0411



Tritanopia

68.4664, 71.5056, 91.0823

Trichromacy



Original Color

66.8504, 71.6375, 82.9771

Protanomaly

68.2341, 71.5828, 82.1720

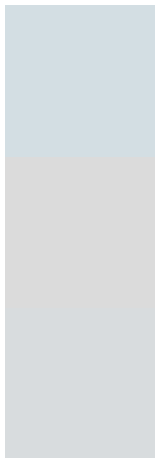
Deuteranomaly

70.5544, 71.2072, 83.4245

Tritanomaly

67.8591, 71.6505, 88.0953

Monochromacy



Original Color

66.8504, 71.6375, 82.9771

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.0969, 71.0593, 79.2867

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.8504, 71.6375, 82.9771 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(211, 222, 227) looks like.

```
.text, #text, p{  
    color:rgb(211, 222, 227)  
}
```

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(211, 222, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 222, 227) }
```

Border

The CSS property to change the border of an element to XYZ 66.8504, 71.6375, 82.9771 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(211, 222, 227) }
```


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

```
.border{ border-color:rgb(211, 222, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 222, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 222, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 222, 227);  
box-shadow:4px 4px 4px 4px rgb(211, 222,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 66.8504, 71.6375, 82.9771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 222, 227) }
```

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

```
.background{ background-color: rgb(211,  
222, 227) }
```

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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