

Converting Colors

XYZ(62.5725, 65.8548, 81.2394)

Have a look what the booklet for
XYZ(62.5725, 65.8548, 81.2394)
contains.

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Color

**XYZ(62.6986, 66.0586,
81.3975)**

Conversions

Conversions Part 1

Format	Color
Hex	CDD5E2
RGB	205, 213, 226
RGB Percent	80%, 84%, 89%
CMY	0.1961, 0.1647, 0.1137
CMYK	0.09, 0.06, 0.00, 0.11
HSL	217°, 27%, 85%
HSV	217°, 9%, 89%
XYZ	62.6986, 66.0586, 81.3975
YIQ	212.0900, -8.9410, 2.3470

Conversions

Conversions Part 2

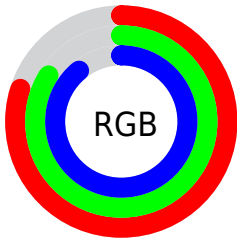
Format	Color
RYB	205, 211, 226
Decimal	13489634
CIELab	85.03, -0.20, -7.33
CIELCh	85, 7.335, 268.408
Yxy	66.0586, 0.2983, 0.3143
Android (android.graphics.Color)	4291679714 (0xFFCDD5E2)
YUV	212.0900, 6.8576, -6.2179
Hunter-Lab	81.2764, -4.5346, -2.4848

Details

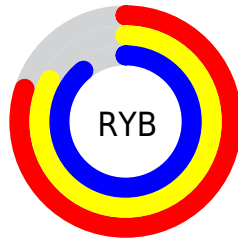
The XYZ color **62.6986, 66.0586, 81.3975** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.4553, 70.7191, 67.8539**, and the grayscale version is **62.6008, 65.8610, 71.7226**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.3400, 33.9733, 43.3811** is the 20% darker color. If you saturate the color by 10%, you get **53.5415, 56.3399, 80.0053**, and if you desaturate by 10%, it is **73.0635, 76.8540, 82.9360**.

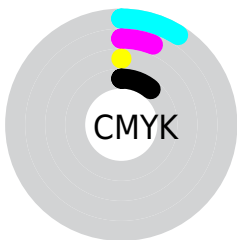
Distribution



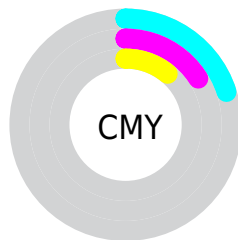
- Red (80%)
- Green (84%)
- Blue (89%)



- Red (80%)
- Yellow (83%)
- Blue (89%)



- Cyan (9%)
- Magenta (6%)
- Yellow (0%)
- Black (11%)



- Cyan (20%)
- Magenta (16%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.6986, 66.0586, 81.3975 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 62.6986, 66.0586, 81.3975 by changing the saturation by 10% instead.

■ 62.6986, 66.0586,
81.3975

■ 62.6986, 66.0586,
81.3975

424.1519,
446.5864, 519.4606

■ 45.8552, 48.3200,
60.3361

107.8188,
113.5704, 137.1579

■ 32.3357, 34.0803,
43.2625

136.8263,
144.1124, 172.6939

■ 21.7748, 22.9553,
29.7582

170.6192,
179.6910, 213.8919

■ 13.8072, 14.5605,
19.4047

209.5628,
220.6906, 261.1705

■ 8.0675, 8.5115,
11.7833

254.0225,
267.4955, 314.9481

■ 4.1903, 4.4240,
6.4755

304.3637,

■ 1.8104, 1.9134,

320.4902, 375.6433

3.0629

360.9517,
380.0590, 443.6746

■ 0.5239, 0.5564,
1.1268

■ 0.0000, 0.0000,
0.0000

■ 62.6986, 66.0586,
81.3975

■ 62.6986, 66.0586,
81.3975

■ 53.5415, 56.3399,
80.0053

■ 73.0635, 76.8540,
82.9360

■ 45.5405, 47.6546,
78.7505

■ 84.6739, 88.7511,
84.6204

■ 38.6482, 39.9683,
77.6302

■ 90.7172, 98.2502,
86.1354

■ 32.8118, 33.2414,
76.6394

■ 90.7277, 98.2711,
86.1389

■ 27.9740, 27.4315,
75.7729

■ 24.0712, 22.4925,
75.0253

■ 21.0320, 18.3732,
74.3904

■ 18.7730, 15.0154,
73.8613

■ 17.1654, 12.3368,
73.4290

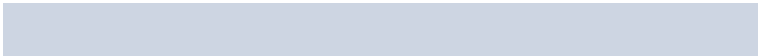
Harmonies

Analogous

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



61.1392, 66.0586, 79.9476



62.6986, 66.0586, 81.3975



64.3083, 66.0586, 80.2188

Triad

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



62.6986, 66.0586, 81.3975



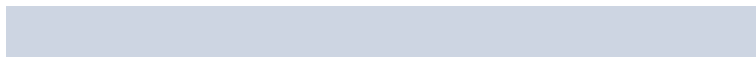
65.6190, 66.0586, 67.6897



60.1227, 66.0586, 67.2706

Complementary

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



62.6986, 66.0586, 81.3975



67.4553, 70.7191, 67.8539

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.



61.2893, 66.0586, 64.2265



62.6986, 66.0586, 81.3975



64.4636, 66.0586, 64.4609

Square

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



62.6986, 66.0586, 81.3975



66.0120, 66.0586, 72.1794



62.8749, 66.0586, 63.2204



59.6682, 66.0586, 71.6744

Rectangle

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



62.6986, 66.0586, 81.3975



65.1896, 66.0586, 78.1288



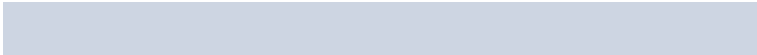
62.8749, 66.0586, 63.2204



60.4436, 66.0586, 66.0617

Sweetspot

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



62.7005, 66.0614, 81.3990



90.7994, 95.5941, 108.2736



65.0227, 72.4323, 76.8503



19.1970, 20.2138, 23.1398



0.0000, 0.0000, 0.0000



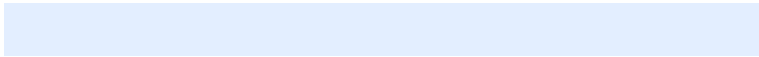
20.3446, 21.4041, 23.3091

Same Dimension

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



62.7005, 66.0614, 81.3990



80.1825, 84.4821, 106.6884



61.4181, 62.4854, 80.7763



13.3780, 14.0952, 17.4032



9.8418, 7.1531, 41.9103



0.7667, 0.6649, 2.9332

Inverse Universe

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



65.2071, 64.6370, 71.9933



84.0751, 82.3227, 92.0701



68.8181, 74.5771, 68.5267



13.9223, 13.7865, 15.3609



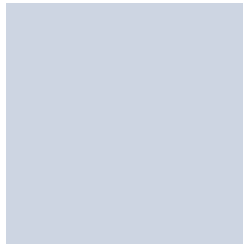
18.9079, 9.6302, 6.1807



1.3533, 0.6846, 0.6532

Previews

White Background



This preview shows how the XYZ color 62.6986, 66.0586, 81.3975 looks on a white background.

Color Contrast Check

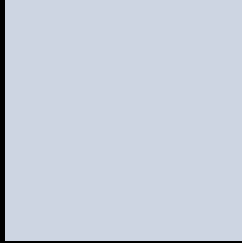
Large Text (above 18pt) WCAG AA × Fail

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 62.6986, 66.0586, 81.3975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

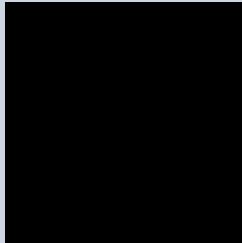
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

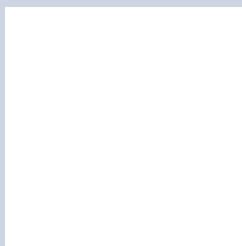
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.6986, 66.0586, 81.3975

Background



This preview shows how black text looks on a background with the XYZ color 62.6986, 66.0586, 81.3975.

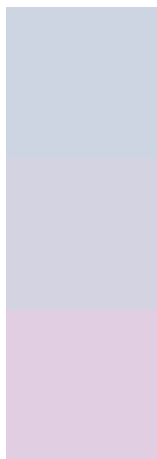


This preview shows how white text looks on a background with the XYZ color 62.6986, 66.0586,

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

62.6986, 66.0586, 81.3975

Protanopia

64.0363, 66.0218, 80.6026

Deuteranopia

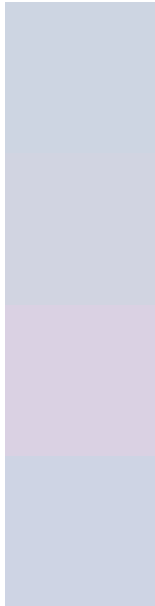
67.3005, 65.8574, 81.8377



Tritanopia

63.1399, 65.8659, 83.5143

Trichromacy



Original Color

62.6986, 66.0586, 81.3975

Protanomaly

63.4286, 66.0785, 80.6455

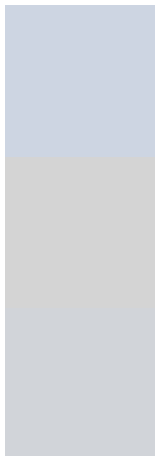
Deuteranomaly

65.5790, 66.0524, 81.9660

Tritanomaly

63.0007, 65.8102, 82.7809

Monochromacy



Original Color

62.6986, 66.0586, 81.3975

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.3624, 65.6520, 75.0309

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6986, 66.0586, 81.3975 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(205, 213, 226) looks like.

```
.text, #text, p{  
    color:rgb(205, 213, 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(205, 213, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 213, 226) }
```

Border

The CSS property to change the border of an element to XYZ 62.6986, 66.0586, 81.3975 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(205, 213, 226) }
```


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

```
.border{ border-color:rgb(205, 213, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 213, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 213, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 213, 226); box-shadow:4px 4px 4px 4px rgb(205, 213, 226) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6986, 66.0586, 81.3975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 213, 226) }
```

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

```
.background{ background-color: rgb(205,  
213, 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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