

Converting Colors

XYZ(62.7241, 66.7361, 77.9838)

Have a look what the booklet for
XYZ(62.7241, 66.7361, 77.9838)
contains.

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Color

**XYZ(62.8052, 66.9431,
78.0177)**

Conversions

Conversions Part 1

Format	Color
Hex	CED7DD
RGB	206, 215, 221
RGB Percent	81%, 84%, 87%
CMY	0.1921, 0.1568, 0.1333
CMYK	0.07, 0.03, 0.00, 0.13
HSL	204°, 18%, 84%
HSV	204°, 7%, 87%
XYZ	62.8052, 66.9431, 78.0177
YIQ	212.9930, -7.2900, -0.0420

Conversions

Conversions Part 2

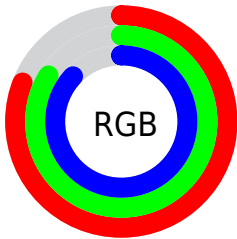
Format	Color
R _Y B	206, 212, 221
Decimal	13555677
CIE Lab	85.48, -1.89, -4.01
CIE LCh	85, 4.434, 244.740
Yxy	66.9431, 0.3023, 0.3222
Android (android.graphics.Color)	4291745757 (0xFFCED7DD)
YUV	212.9930, 3.9475, -6.1329
Hunter-Lab	81.8188, -6.1638, 0.7376

Details

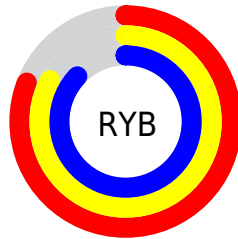
The XYZ color **62.8052, 66.9431, 78.0177** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.5032, 66.9150, 67.9100**, and the grayscale version is **63.2207, 66.5131, 72.4328**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.4026, 34.5702, 41.0413** is the 20% darker color. If you saturate the color by 10%, you get **54.9071, 59.6229, 77.0221**, and if you desaturate by 10%, it is **71.6914, 74.9567, 79.0972**.

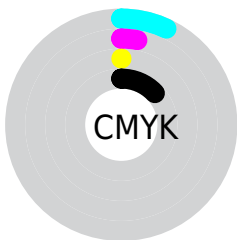
Distribution



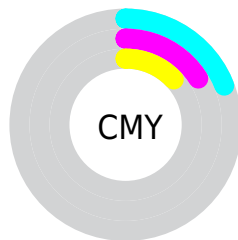
- Red (81%)
- Green (84%)
- Blue (87%)



- Red (81%)
- Yellow (83%)
- Blue (87%)



- Cyan (7%)
- Magenta (3%)
- Yellow (0%)
- Black (13%)



- Cyan (19%)
- Magenta (16%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.8052, 66.9431, 78.0177 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 62.8052, 66.9431, 78.0177 by changing the saturation by 10% instead.

■ 62.8052, 66.9431,
78.0177

■ 62.8052, 66.9431,
78.0177

424.5331,
449.7422, 507.7564

■ 45.9417, 49.0384,
57.5720

107.9718,
114.8389, 132.3612

■ 32.4042, 34.6499,
41.0522

137.0056,
145.5987, 167.0960

■ 21.8275, 23.3933,
28.0399

170.8269,
181.4124, 207.4310

■ 13.8461, 14.8842,
18.1164

209.8011,
222.6643, 253.7846

■ 8.0947, 8.7382,
10.8633

254.2934,
269.7389, 306.5754

■ 4.2079, 4.5708,
5.8620

304.6693,

■ 1.8204, 1.9977,

323.0204, 366.2219

2.6939

361.2940,
382.8934, 433.1428

■ 0.5299, 0.6061,
0.9404

■ 0.0000, 0.0000,
0.0000

■ 62.8052, 66.9431,
78.0177

■ 62.8052, 66.9431,
78.0177

■ 54.9071, 59.6229,
77.0221

■ 71.6914, 74.9567,
79.0972

■ 47.9535, 52.9655,
76.1035

■ 81.5954, 83.6763,
80.2582

■ 41.9062, 46.9499,
75.2611

■ 85.8981, 89.6941,
81.1930

■ 36.7218, 41.5508,
74.4923

■ 88.5847, 95.0673,
82.0885

■ 32.3532, 36.7411,
73.7941

■ 90.0513, 98.0005,
82.5774

■ 28.7484, 32.4906,
73.1637

■ 25.8487, 28.7660,
72.5976

■ 23.5857, 25.5286,
72.0920

■ 21.8721, 22.7302,
71.6422

Harmonies

Analogous

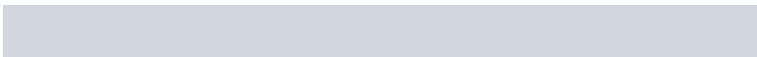
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



62.0504, 66.9431, 76.0938



62.8052, 66.9431, 78.0177



63.7875, 66.9431, 78.5536

Triad

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



62.8052, 66.9431, 78.0177



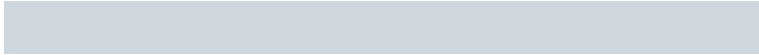
65.5755, 66.9431, 72.4326



62.5310, 66.9431, 68.4296

Complementary

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



62.8052, 66.9431, 78.0177



64.5032, 66.9150, 67.9100

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.



63.4676, 66.9431, 67.5048



62.8052, 66.9431, 78.0177



65.2309, 66.9431, 69.7768

Square

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



62.8052, 66.9431, 78.0177



65.3936, 66.9431, 75.2803



64.4568, 66.9431, 67.9914



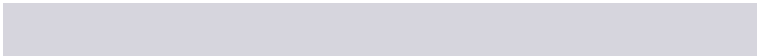
61.8933, 66.9431, 70.5502

Rectangle

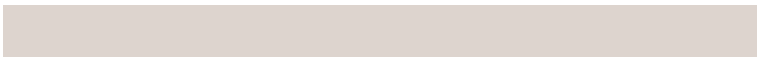
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.8052, 66.9431, 78.0177



64.4407, 66.9431, 78.0399



64.4568, 66.9431, 67.9914



62.8210, 66.9431, 67.9711

Sweetspot

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



62.8071, 66.9459, 78.0192



92.5515, 97.7515, 108.5977



63.1633, 69.5767, 72.2239



19.8360, 20.9465, 23.2476



0.0000, 0.0000, 0.0000



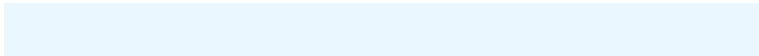
20.3446, 21.4041, 23.3091

Same Dimension

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



62.8071, 66.9459, 78.0192



85.3922, 91.2405, 107.7183



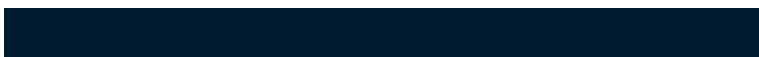
61.0009, 63.3335, 77.4171



12.9854, 13.9106, 16.6527



12.5396, 12.9486, 41.5768



0.8958, 1.0058, 2.7214

Inverse Universe

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



64.1574, 64.4225, 73.3465



87.5984, 87.1537, 100.0751



66.3572, 70.6231, 68.5280



13.3825, 13.1821, 15.2755



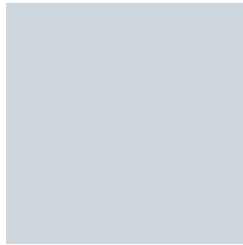
19.8247, 9.9309, 13.9890



1.3265, 0.6602, 1.1281

Previews

White Background



This preview shows how the XYZ color 62.8052, 66.9431, 78.0177 looks on a white background.

Color Contrast Check

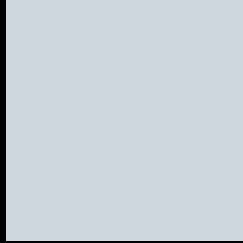
Large Text (above 18pt) WCAG AA × Fail

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 62.8052, 66.9431, 78.0177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

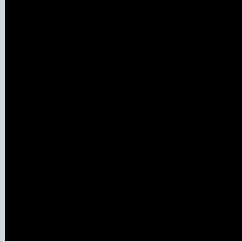
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

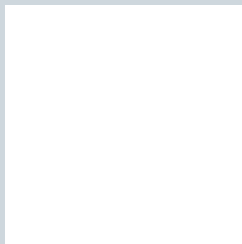
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.8052, 66.9431, 78.0177

Background



This preview shows how black text looks on a background with the XYZ color 62.8052, 66.9431, 78.0177.

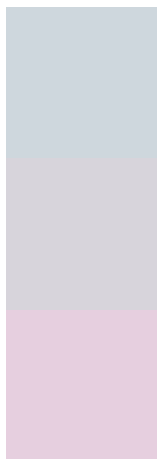


This preview shows how white text looks on a background with the XYZ color 62.8052, 66.9431,

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

62.8052, 66.9431, 78.0177

Protanopia

64.3540, 66.6485, 76.4905

Deuteranopia

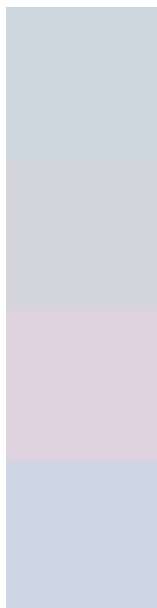
68.2652, 66.7764, 79.1032



Tritanopia

64.3419, 67.2162, 84.4458

Trichromacy



Original Color

62.8052, 66.9431, 78.0177

Protanomaly

63.8639, 66.7529, 77.2287

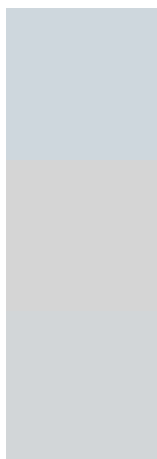
Deuteranomaly

66.0502, 66.7393, 78.5080

Tritanomaly

63.6438, 66.9046, 82.2325

Monochromacy



Original Color

62.8052, 66.9431, 78.0177

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.0196, 66.7526, 74.5288

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8052, 66.9431, 78.0177 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(206, 215, 221) looks like.

```
.text, #text, p{  
    color:rgb(206, 215, 221)  
}
```

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(206, 215, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 215, 221) }
```

Border

The CSS property to change the border of an element to XYZ 62.8052, 66.9431, 78.0177 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(206, 215, 221) }
```


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

```
.border{ border-color:rgb(206, 215, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 215, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 215, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 215, 221);  
box-shadow:4px 4px 4px 4px rgb(206, 215,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8052, 66.9431, 78.0177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 215, 221) }
```

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

```
.background{ background-color: rgb(206,  
215, 221) }
```

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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