

Converting Colors

XYZ(62.8362, 66.1137, 82.1224)

Have a look what the booklet for
XYZ(62.8362, 66.1137, 82.1224)
contains.

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Color

**XYZ(62.8362, 66.1137,
82.1224)**

Conversions

Conversions Part 1

Format	Color
Hex	CDD5E3
RGB	205, 213, 227
RGB Percent	80%, 84%, 89%
CMY	0.1961, 0.1647, 0.1098
CMYK	0.10, 0.06, 0.00, 0.11
HSL	218°, 28%, 85%
HSV	218°, 10%, 89%
XYZ	62.8362, 66.1137, 82.1224
YIQ	212.2040, -9.2620, 2.6580

Conversions

Conversions Part 2

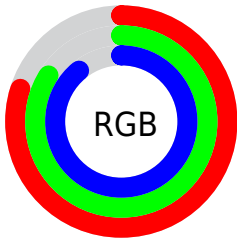
Format	Color
R_{YB}	205, 211, 227
Decimal	13489635
CIE _{Lab}	85.05, -0.01, -7.82
CIE _{LCh}	85, 7.821, 269.951
Yxy	66.1137, 0.2977, 0.3132
Android (android.graphics.Color)	4291679715 (0xFFCDD5E3)
YUV	212.2040, 7.2944, -6.3179
Hunter-Lab	81.3103, -4.3492, -2.9649

Details

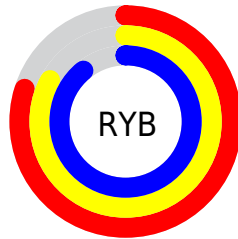
The XYZ color **62.8362, 66.1137, 82.1224** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.0297, 71.4011, 67.9550**, and the grayscale version is **62.6740, 65.9379, 71.8064**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.4358, 34.0116, 43.8851** is the 20% darker color. If you saturate the color by 10%, you get **53.5510, 56.1739, 80.6942**, and if you desaturate by 10%, it is **73.3573, 77.1745, 83.7039**.

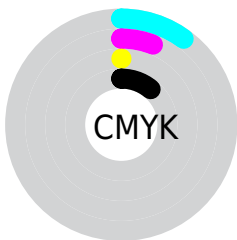
Distribution



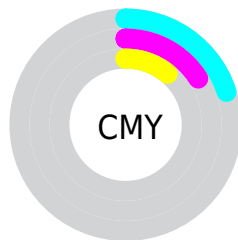
- Red (80%)
- Green (84%)
- Blue (89%)



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



- Cyan (10%)
- Magenta (6%)
- Yellow (0%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.8362, 66.1137, 82.1224 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 62.8362, 66.1137, 82.1224 by changing the saturation by 10% instead.

■ 62.8362, 66.1137,
82.1224

■ 62.8362, 66.1137,
82.1224

424.6439,
446.7834, 521.9512

■ 45.9669, 48.3647,
60.9300

108.0163,
113.6495, 138.1839

■ 32.4242, 34.1158,
43.7385

137.0578,
144.2051, 173.8900

■ 21.8428, 22.9826,
30.1293

170.8873,
179.7984, 215.2712

■ 13.8574, 14.5806,
19.6839

209.8703,
220.8137, 262.7459

■ 8.1026, 8.5256,
11.9837

254.3721,
267.6355, 316.7328

■ 4.2130, 4.4331,
6.6102

304.7581,

■ 1.8233, 1.9186,

320.6481, 377.6502

3.1448

361.3936,
380.2359, 445.9169

■ 0.5317, 0.5596,
1.1690

■ 0.0000, 0.0000,
0.0000

■ 62.8362, 66.1137,
82.1224

■ 62.8362, 66.1137,
82.1224

■ 53.5510, 56.1739,
80.6942

■ 73.3573, 77.1745,
83.7039

■ 45.4485, 47.3098,
79.4103

■ 85.1531, 89.3829,
85.4386

■ 38.4802, 39.4851,
78.2673

■ 90.8653, 98.3261,
86.8638

■ 32.5916, 32.6584,
77.2600

■ 27.7238, 26.7848,
76.3828

■ 23.8114, 21.8159,
75.6299

■ 20.7808, 17.6977,
74.9948

■ 18.5459, 14.3690,
74.4701

■ 16.9693, 11.7410,
74.0459

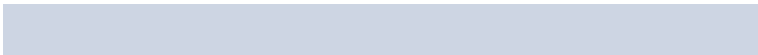
Harmonies

Analogous

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



61.1593, 66.1137, 80.7081



62.8362, 66.1137, 82.1224



64.5442, 66.1137, 80.7170

Triad

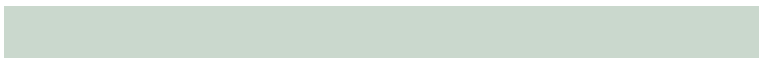
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.8362, 66.1137, 82.1224



65.8178, 66.1137, 67.2543



59.9544, 66.1137, 67.2406

Complementary

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



62.8362, 66.1137, 82.1224



68.0297, 71.4011, 67.9550

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.



61.1642, 66.1137, 63.9095



62.8362, 66.1137, 82.1224



64.5493, 66.1137, 63.9172

Square

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



62.8362, 66.1137, 82.1224



66.2851, 66.1137, 71.9949



62.8420, 66.1137, 62.7211



59.5146, 66.1137, 71.9783

Rectangle

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



62.8362, 66.1137, 82.1224



65.4660, 66.1137, 78.4061



62.8420, 66.1137, 62.7211



60.2834, 66.1137, 65.9274

Sweetspot

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



62.8381, 66.1165, 82.1239



90.7583, 95.5117, 108.2599



65.4244, 73.0294, 77.6207



19.1859, 20.1916, 23.1361



0.0000, 0.0000, 0.0000



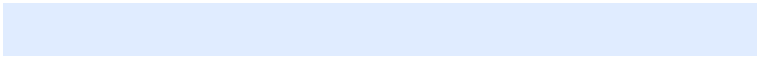
20.3446, 21.4041, 23.3091

Same Dimension

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



62.8381, 66.1165, 82.1239



78.7754, 82.8529, 106.4480



61.6913, 62.6101, 81.5075



14.0099, 14.7413, 18.2513



9.9728, 7.0076, 43.2102



0.8229, 0.6898, 3.2217

Inverse Universe

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



65.5216, 64.7990, 72.0081



83.0756, 80.8155, 90.2211



69.2507, 75.2050, 68.6249



14.5926, 14.4542, 16.0550



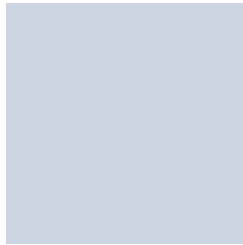
19.4273, 9.9051, 5.8791



1.4790, 0.7493, 0.6629

Previews

White Background



This preview shows how the XYZ color 62.8362, 66.1137, 82.1224 looks on a white background.

Color Contrast Check

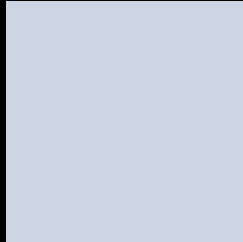
Large Text (above 18pt) WCAG AA × Fail

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 62.8362, 66.1137, 82.1224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

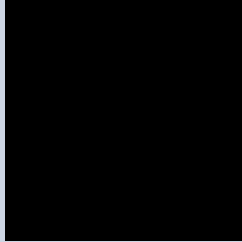
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

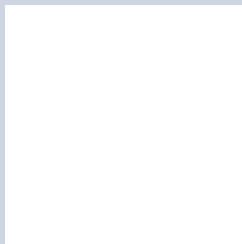
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.8362, 66.1137, 82.1224

Background



This preview shows how black text looks on a background with the XYZ color 62.8362, 66.1137, 82.1224.

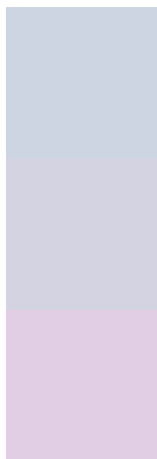


This preview shows how white text looks on a background with the XYZ color 62.8362, 66.1137,

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

62.8362, 66.1137, 82.1224

Protanopia

64.1731, 66.0766, 81.3233

Deuteranopia

67.4389, 65.9128, 82.5668



Tritanopia

63.1139, 66.2248, 83.5849

Trichromacy



Original Color

62.8362, 66.1137, 82.1224

Protanomaly

63.5654, 66.1333, 81.3662

Deuteranomaly

65.7175, 66.1078, 82.6952

Tritanomaly

62.9747, 66.1691, 82.8516

Monochromacy



Original Color

62.8362, 66.1137, 82.1224

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 62.8362, 66.1137, 82.1224 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, 227) looks like.

```
.text, #text, p{  
    color:rgb(205, 213, 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(205, 213, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 213, 227) }
```

Border

The CSS property to change the border of an element to XYZ 62.8362, 66.1137, 82.1224 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, 227) }
```


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

```
.border{ border-color:rgb(205, 213, 227) }
```

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, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 213, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 213, 227);  
box-shadow:4px 4px 4px 4px rgb(205, 213,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8362, 66.1137, 82.1224 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, 227) }
```

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

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