

Converting Colors

XYZ(62.3365, 65.2279, 77.3050)

Have a look what the booklet for
XYZ(62.3365, 65.2279, 77.3050)
contains.

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Color

**XYZ(62.2250, 65.1657,
77.0088)**

Conversions

Conversions Part 1

Format	Color
Hex	D0D3DC
RGB	208, 211, 220
RGB Percent	82%, 83%, 86%
CMY	0.1843, 0.1725, 0.1372
CMYK	0.05, 0.04, 0.00, 0.14
HSL	225°, 15%, 84%
HSV	225°, 5%, 86%
XYZ	62.2250, 65.1657, 77.0088
YIQ	211.1290, -4.6770, 2.1630

Conversions

Conversions Part 2

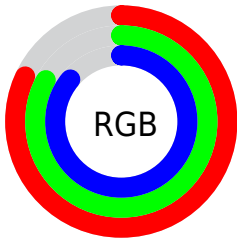
Format	Color
R _Y B	208, 210, 220
Decimal	13685724
CIE Lab	84.57, 0.67, -4.80
CIE LCh	85, 4.844, 277.931
Yxy	65.1657, 0.3044, 0.3188
Android (android.graphics.Color)	4291875804 (0xFFD0D3DC)
YUV	211.1290, 4.3734, -2.7441
Hunter-Lab	80.7253, -3.6771, -0.0527

Details

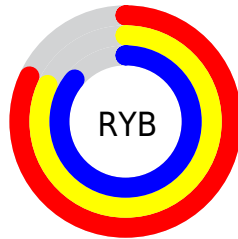
The XYZ color **62.2250, 65.1657, 77.0088** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.7136, 69.3950, 69.6069**, and the grayscale version is **61.9779, 65.2056, 71.0089**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.1749, 33.7006, 40.4064** is the 20% darker color. If you saturate the color by 10%, you get **52.5741, 54.4177, 75.4439**, and if you desaturate by 10%, it is **73.1582, 77.2025, 78.7569**.

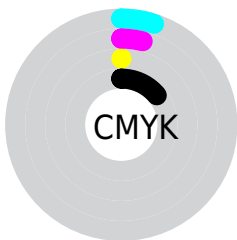
Distribution



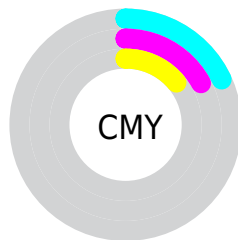
- Red (82%)
- Green (83%)
- Blue (86%)



- Red (82%)
- Yellow (82%)
- Blue (86%)



- Cyan (5%)
- Magenta (4%)
- Yellow (0%)
- Black (14%)



- Cyan (18%)
- Magenta (17%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.2250, 65.1657, 77.0088 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 62.2250, 65.1657, 77.0088 by changing the saturation by 10% instead.

■ 62.2250, 65.1657,
77.0088

■ 62.2250, 65.1657,
77.0088

422.4558,
443.3872, 504.2325

■ 45.4708, 47.5955,
56.7485

107.1388,
112.2881, 130.9250

■ 32.0313, 33.5066,
40.3953

136.0290,
142.6089, 165.4180

■ 21.5411, 22.5148,
27.5308

169.6954,
177.9488, 205.4923

■ 13.6348, 14.2357,
17.7363

208.5032,
218.6921, 251.5665

■ 7.9471, 8.2848,
10.5934

252.8178,
265.2232, 304.0591

■ 4.1126, 4.2777,
5.6834

303.0045,

■ 1.7660, 1.8301,

317.9265, 363.3886

2.5879

359.4287,
377.1863, 429.9735

■ 0.4971, 0.5058,
0.8862

■ 0.0000, 0.0000,
0.0000

■ 62.2250, 65.1657,
77.0088

■ 62.2250, 65.1657,
77.0088

■ 52.5741, 54.4177,
75.4439

■ 73.1582, 77.2025,
78.7569

■ 44.1521, 44.9070,
74.0520

■ 85.4131, 90.5611,
80.6895

■ 36.9101, 36.5904,
72.8285

■ 89.9185, 97.9474,
81.8777

■ 30.7938, 29.4193,
71.7667

■ 25.7443, 23.3414,
70.8596

■ 21.6973, 18.3004,
70.0999

■ 18.5810, 14.2341,
69.4793

■ 16.3135, 11.0733,
68.9887

■ 14.7965, 8.7376,
68.6178

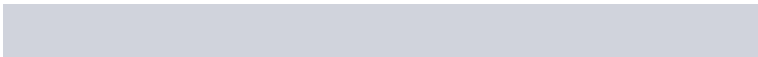
Harmonies

Analogous

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



61.1611, 65.1657, 76.6094



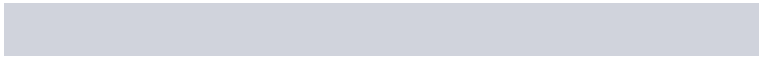
62.2250, 65.1657, 77.0088



63.2233, 65.1657, 75.7491

Triad

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



62.2250, 65.1657, 77.0088



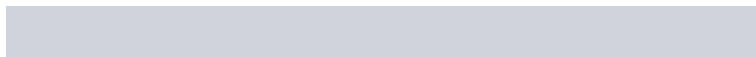
63.5903, 65.1657, 67.3612



60.0336, 65.1657, 68.7434

Complementary

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



62.2250, 65.1657, 77.0088



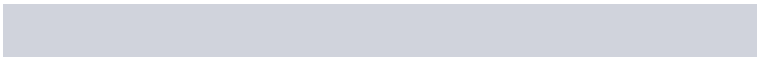
65.7136, 69.3950, 69.6069

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.



60.6704, 65.1657, 66.3664



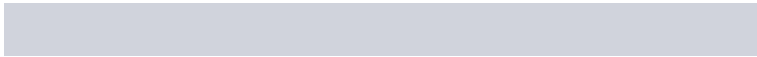
62.2250, 65.1657, 77.0088



62.7215, 65.1657, 65.5847

Square

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



62.2250, 65.1657, 77.0088



64.0175, 65.1657, 70.1370



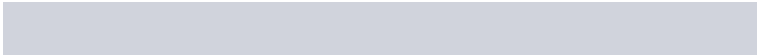
61.6520, 65.1657, 65.2259



59.9041, 65.1657, 71.7781

Rectangle

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



62.2250, 65.1657, 77.0088



63.7144, 65.1657, 74.1588



61.6520, 65.1657, 65.2259



60.1950, 65.1657, 67.8436

Sweetspot

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



62.2269, 65.1685, 77.0102



91.9908, 96.6301, 108.4108



64.1051, 69.5968, 75.5652



19.7219, 20.7182, 23.2095



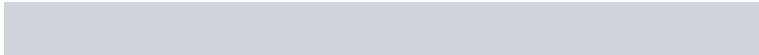
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



62.2269, 65.1685, 77.0102



84.6634, 88.5268, 107.2329



62.2820, 64.0997, 76.8010



13.0062, 13.5929, 16.5903



8.4598, 4.7891, 40.2169



0.6165, 0.4471, 2.6283

Inverse Universe

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



63.8305, 65.0320, 70.8194



87.5372, 88.3031, 96.1335



65.6542, 70.5240, 69.8279



13.4806, 13.5570, 14.7575



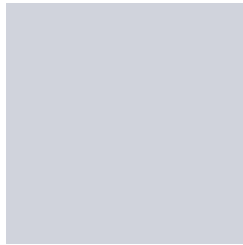
17.7655, 9.1072, 3.1450



1.1855, 0.6038, 0.3856

Previews

White Background



This preview shows how the XYZ color 62.2250, 65.1657, 77.0088 looks on a white background.

Color Contrast Check

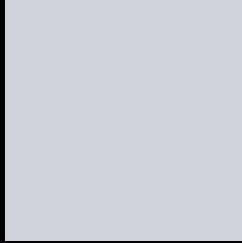
Large Text (above 18pt) WCAG AA × Fail

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 62.2250, 65.1657, 77.0088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

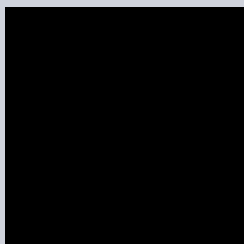
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

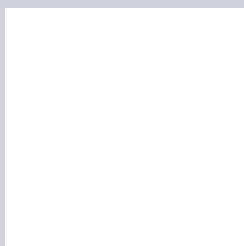
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.2250, 65.1657, 77.0088

Background



This preview shows how black text looks on a background with the XYZ color 62.2250, 65.1657, 77.0088.

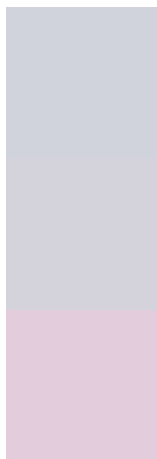


This preview shows how white text looks on a background with the XYZ color 62.2250, 65.1657,

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

62.2250, 65.1657, 77.0088

Protanopia

62.9842, 65.2047, 76.2840

Deuteranopia

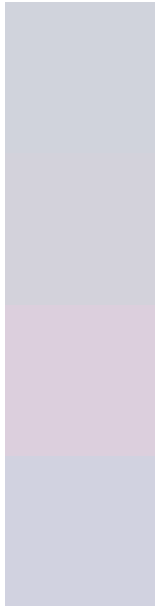
66.5610, 65.2140, 77.4860



Tritanopia

63.2062, 65.1945, 81.9255

Trichromacy



Original Color

62.2250, 65.1657, 77.0088

Protanomaly

62.6967, 65.0565, 76.2705

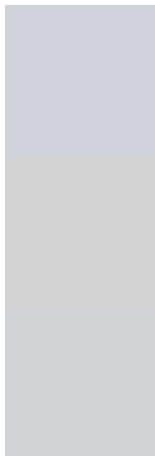
Deuteranomaly

64.8792, 65.0617, 77.5453

Tritanomaly

62.7956, 65.0303, 79.7634

Monochromacy



Original Color

62.2250, 65.1657, 77.0088

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.0102, 65.1452, 72.9243

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2250, 65.1657, 77.0088 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(208, 211, 220) looks like.

```
.text, #text, p{  
    color:rgb(208, 211, 220)  
}
```

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(208, 211, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 211, 220) }
```

Border

The CSS property to change the border of an element to XYZ 62.2250, 65.1657, 77.0088 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(208, 211, 220) }
```


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

```
.border{ border-color:rgb(208, 211, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 211, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 211, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 211, 220);  
box-shadow:4px 4px 4px 4px rgb(208, 211,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2250, 65.1657, 77.0088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 211, 220) }
```

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

```
.background{ background-color: rgb(208,  
211, 220) }
```

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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