

Converting Colors

XYZ(65.0223, 70.6747, 82.0273)

Have a look what the booklet for
XYZ(65.0223, 70.6747, 82.0273)
contains.

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Color

**XYZ(65.0256, 70.7127,
82.1732)**

Conversions

Conversions Part 1

Format	Color
Hex	CDDEE2
RGB	205, 222, 226
RGB Percent	80%, 87%, 89%
CMY	0.1961, 0.1294, 0.1137
CMYK	0.09, 0.02, 0.00, 0.11
HSL	191°, 27%, 85%
HSV	191°, 9%, 89%
XYZ	65.0256, 70.7127, 82.1732
YIQ	217.3730, -11.4160, -2.3600

Conversions

Conversions Part 2

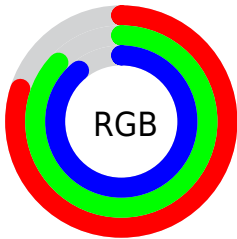
Format	Color
R _Y B	205, 214, 226
Decimal	13491938
CIE Lab	87.35, -4.88, -3.91
CIE LCh	87, 6.252, 218.695
Yxy	70.7127, 0.2984, 0.3245
Android (android.graphics.Color)	4291682018 (0xFFCDDEE2)
YUV	217.3730, 4.2531, -10.8511
Hunter-Lab	84.0908, -9.1289, 0.9257

Details

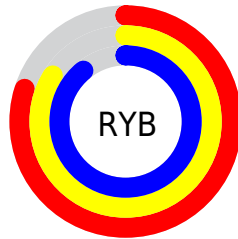
The XYZ color **65.0256, 70.7127, 82.1732** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.1843, 66.1770, 67.0967**, and the grayscale version is **66.1882, 69.6352, 75.8327**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.9319, 37.1570, 43.9117** is the 20% darker color. If you saturate the color by 10%, you get **58.1088, 65.4745, 81.5278**, and if you desaturate by 10%, it is **72.8762, 76.4794, 82.8736**.

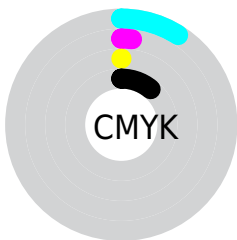
Distribution



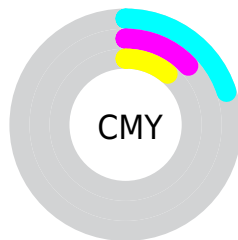
- Red (80%)
- Green (87%)
- Blue (89%)



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



- Cyan (9%)
- Magenta (2%)
- Yellow (0%)
- Black (11%)



- Cyan (20%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.0256, 70.7127, 82.1732 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 65.0256, 70.7127, 82.1732 by changing the saturation by 10% instead.

■ 65.0256, 70.7127,
82.1732

■ 65.0256, 70.7127,
82.1732

432.4277,
463.0485, 522.1255

■ 47.7466, 52.1078,
60.9717

111.1522,
120.2246, 138.2557

■ 33.8367, 37.0910,
43.7719

140.7305,
151.9003, 173.9738

■ 22.9305, 25.2779,
30.1553

175.1392,
188.7017, 215.3678

■ 14.6626, 16.2843,
19.7035

214.7438,
231.0133, 262.8562

■ 8.6677, 9.7255,
11.9977

259.9096,
279.2193, 316.8577

■ 4.5804, 5.2174,
6.6196

311.0020,

■ 2.0355, 2.3753,

333.7043, 377.7907

3.1506

368.3862,
394.8525, 446.0738

■ 0.6538, 0.8132,
1.1720

■ 0.0000, 0.0000,
0.0000

■ 65.0256, 70.7127,
82.1732

■ 65.0256, 70.7127,
82.1732

■ 58.1088, 65.4745,
81.5278

■ 72.8762, 76.4794,
82.8736

■ 52.0809, 60.7355,
80.9308

■ 81.6906, 82.7847,
83.6261

■ 46.9026, 56.4772,
80.3818

■ 84.6498, 86.1153,
84.1130

■ 42.5292, 52.6761,
79.8786

■ 85.8956, 88.6069,
84.5283

■ 38.9115, 49.3066,
79.4189

■ 87.1713, 91.1584,
84.9535

■ 35.9951, 46.3402,
79.0000

■ 88.4773, 93.7703,
85.3888

■ 33.7178, 43.7447,
78.6191

■ 89.8136, 96.4429,
85.8343

■ 32.0061, 41.4817,
78.2725

■ 90.7277, 98.2711,
86.1390

■ 30.7420, 39.4900,
77.9547

Harmonies

Analogous

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



64.4514, 70.7127, 78.2259



65.0256, 70.7127, 82.1732



66.1873, 70.7127, 84.7948

Triad

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



65.0256, 70.7127, 82.1732



69.8816, 70.7127, 79.9766



66.7834, 70.7127, 69.2569

Complementary

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



65.0256, 70.7127, 82.1732



65.1843, 66.1770, 67.0967

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.



68.2438, 70.7127, 69.6871



65.0256, 70.7127, 82.1732



70.0468, 70.7127, 75.7753

Square

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



65.0256, 70.7127, 82.1732



68.9952, 70.7127, 83.4948



69.4434, 70.7127, 72.0373



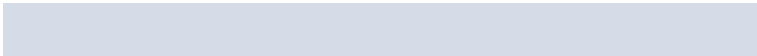
65.4565, 70.7127, 70.8399

Rectangle

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



65.0256, 70.7127, 82.1732



67.1459, 70.7127, 85.3847



69.4434, 70.7127, 72.0373



67.2748, 70.7127, 69.1721

Sweetspot

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



65.0276, 70.7157, 82.1748



91.8286, 97.6524, 108.6167



63.8644, 71.9691, 70.7509



19.4750, 20.7697, 23.2325



0.0000, 0.0000, 0.0000



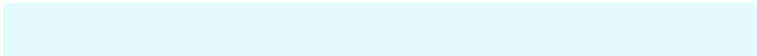
20.3446, 21.4041, 23.3091

Same Dimension

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



65.0276, 70.7157, 82.1748



83.7933, 91.7039, 107.8920



62.3616, 65.3835, 81.2861



13.8833, 15.1057, 17.5716



17.5737, 22.6170, 44.4876



1.2759, 1.6833, 3.1029

Inverse Universe

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



66.3818, 65.1068, 78.1789



85.8977, 83.0517, 101.6679



67.8075, 71.4236, 67.9711



14.1773, 13.8886, 16.7039



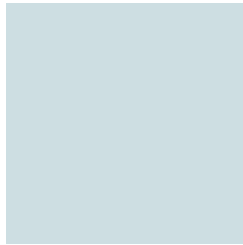
22.8106, 11.1912, 26.7321



1.6103, 0.7874, 2.0065

Previews

White Background



This preview shows how the XYZ color 65.0256, 70.7127, 82.1732 looks on a white background.

Color Contrast Check

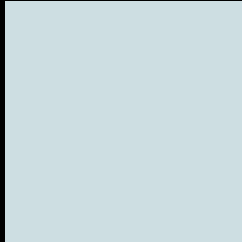
Large Text (above 18pt) WCAG AA × Fail

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 65.0256, 70.7127, 82.1732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

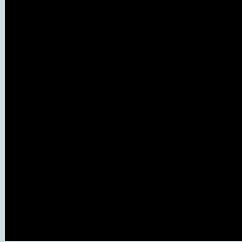
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

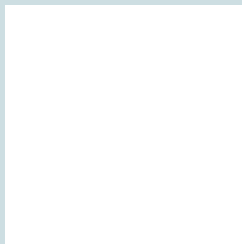
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.0256, 70.7127, 82.1732

Background



This preview shows how black text looks on a background with the XYZ color 65.0256, 70.7127, 82.1732.

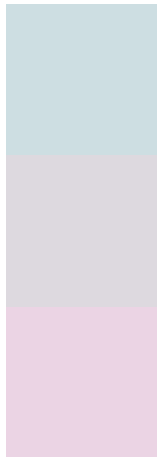


This preview shows how white text looks on a background with the XYZ color 65.0256, 70.7127,

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

65.0256, 70.7127, 82.1732

Protanopia

67.9509, 70.3256, 79.8048

Deuteranopia

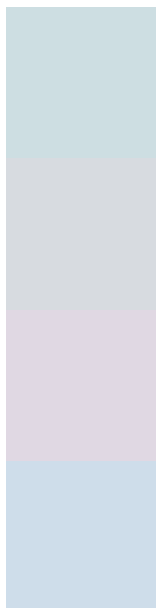
71.8080, 70.3506, 83.1931



Tritanopia

66.7579, 70.6248, 91.0024

Trichromacy



Original Color

65.0256, 70.7127, 82.1732

Protanomaly

66.8104, 70.4919, 80.6060

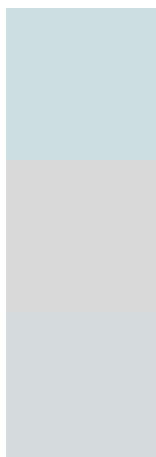
Deuteranomaly

69.1615, 70.5051, 82.6367

Tritanomaly

66.1613, 70.7752, 88.0158

Monochromacy



Original Color

65.0256, 70.7127, 82.1732

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.6904, 69.9765, 77.7547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0256, 70.7127, 82.1732 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, 222, 226) looks like.

```
.text, #text, p{  
    color:rgb(205, 222, 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, 222, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 222, 226) }
```

Border

The CSS property to change the border of an element to XYZ 65.0256, 70.7127, 82.1732 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, 222, 226) }
```


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

```
.border{ border-color:rgb(205, 222, 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, 222, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 222, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 222, 226);  
box-shadow:4px 4px 4px 4px rgb(205, 222,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0256, 70.7127, 82.1732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 222, 226) }
```

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

```
.background{ background-color: rgb(205,  
222, 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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