

Converting Colors

XYZ(65.1044, 70.9756, 82.4576)

Have a look what the booklet for
XYZ(65.1044, 70.9756, 82.4576)
contains.

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Color

**XYZ(65.2920, 71.2455,
82.2620)**

Conversions

Conversions Part 1

Format	Color
Hex	CDDFE2
RGB	205, 223, 226
RGB Percent	80%, 87%, 89%
CMY	0.1961, 0.1255, 0.1137
CMYK	0.09, 0.01, 0.00, 0.11
HSL	189°, 27%, 85%
HSV	189°, 9%, 89%
XYZ	65.2920, 71.2455, 82.2620
YIQ	217.9600, -11.6910, -2.8830

Conversions

Conversions Part 2

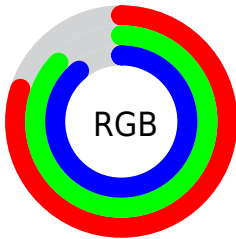
Format	Color
R _Y B	205, 215, 226
Decimal	13492194
CIE Lab	87.60, -5.39, -3.53
CIE LCh	88, 6.446, 213.182
Yxy	71.2455, 0.2984, 0.3256
Android (android.graphics.Color)	4291682274 (0xFFCDDFE2)
YUV	217.9600, 3.9637, -11.3659
Hunter-Lab	84.4070, -9.6359, 1.3017

Details

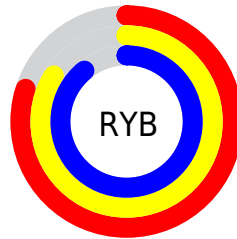
The XYZ color **65.2920, 71.2455, 82.2620** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.9397, 65.6879, 67.0152**, and the grayscale version is **66.5940, 70.0621, 76.2976**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.1158, 37.5248, 43.9730** is the 20% darker color. If you saturate the color by 10%, you get **58.6496, 66.5562, 81.7081**, and if you desaturate by 10%, it is **72.8554, 76.4379, 82.8667**.

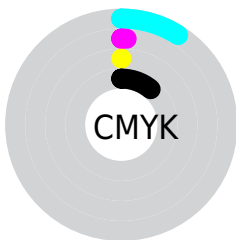
Distribution



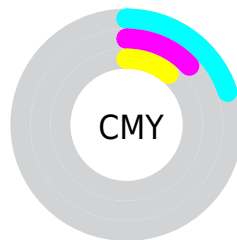
- Red (80%)
- Green (87%)
- Blue (89%)



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



- Cyan (9%)
- Magenta (1%)
- Yellow (0%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.2920, 71.2455, 82.2620 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 65.2920, 71.2455, 82.2620 by changing the saturation by 10% instead.

■ 65.2920, 71.2455,
82.2620

■ 65.2920, 71.2455,
82.2620

433.3692,
464.9112, 522.4301

■ 47.9635, 52.5426,
61.0444

111.5329,
120.9832, 138.3813

■ 34.0091, 37.4377,
43.8302

141.1760,
152.7868, 174.1202

■ 23.0635, 25.5466,
30.2009

175.6547,
189.7261, 215.5366

■ 14.7614, 16.4847,
19.7378

215.3343,
232.1854, 263.0490

■ 8.7373, 9.8678,
12.0224

260.5802,
280.5491, 317.0760

■ 4.6260, 5.3114,
6.6362

311.7578,

■ 2.0620, 2.4311,

335.2018, 378.0362

3.1607

369.2323,
396.5277, 446.3480

■ 0.6684, 0.8418,
1.1772

■ 0.0000, 0.0000,
0.0000

■ 65.2920, 71.2455,
82.2620

■ 65.2920, 71.2455,
82.2620

■ 58.6496, 66.5562,
81.7081

■ 72.8554, 76.4379,
82.8667

■ 52.8836, 62.3409,
81.1983


■ 81.3699, 82.1431,
83.5192


■ 47.9546, 58.5812,
80.7324


■ 84.0160, 84.8478,
83.9017


■ 43.8182, 55.2541,
80.3083


■ 84.9357, 86.6871,
84.2083


 40.4253, 52.3341,
79.9235


 85.8722, 88.5600,
84.5205


 37.7215, 49.7931,
79.5755


 86.8255, 90.4666,
84.8382


 35.6449, 47.5989,
79.2614

 87.7957, 92.4071,
85.1616

 34.1221, 45.7136,
78.9778

 88.7830, 94.3816,
85.4907

 33.0352, 44.0763,
78.7190

 89.7873, 96.3904,
85.8255

Harmonies

Analogous

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



64.8308, 71.2455, 78.0414



65.2920, 71.2455, 82.2620



66.4023, 71.2455, 85.3132

Triad

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



65.2920, 71.2455, 82.2620



70.3676, 71.2455, 81.4252



67.5541, 71.2455, 69.4875

Complementary

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



65.2920, 71.2455, 82.2620



64.9397, 65.6879, 67.0152

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.



69.0483, 71.2455, 70.3181



65.2920, 71.2455, 82.2620



70.6870, 71.2455, 77.1090

Square

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



65.2920, 71.2455, 82.2620



69.3343, 71.2455, 84.8174



70.2007, 71.2455, 73.0680



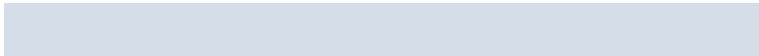
66.1244, 71.2455, 70.7556

Rectangle

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



65.2920, 71.2455, 82.2620



67.3692, 71.2455, 86.2154



70.2007, 71.2455, 73.0680



68.0654, 71.2455, 69.5306

Sweetspot

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



65.2941, 71.2485, 82.2636



91.9441, 97.8833, 108.6551



63.7349, 71.9173, 70.0690



19.5062, 20.8322, 23.2429



0.0000, 0.0000, 0.0000



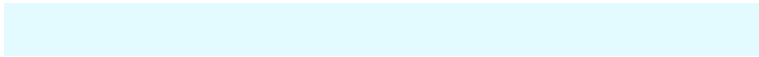
20.3446, 21.4041, 23.3091

Same Dimension

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



65.2941, 71.2485, 82.2636



84.2091, 92.5355, 108.0306



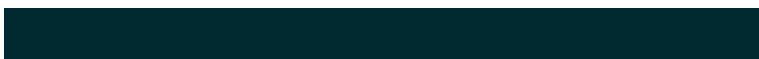
62.6243, 65.9091, 81.3737



13.9411, 15.2214, 17.5909



18.8728, 25.2152, 44.9207



1.3545, 1.8404, 3.1291

Inverse Universe

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



66.5162, 65.1605, 78.8870



86.1076, 83.1357, 102.7731



67.5339, 70.8763, 67.8799



14.2065, 13.9002, 16.8577



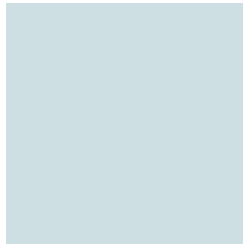
23.4663, 11.4535, 30.1852



1.6499, 0.8032, 2.2153

Previews

White Background



This preview shows how the XYZ color 65.2920, 71.2455, 82.2620 looks on a white background.

Color Contrast Check

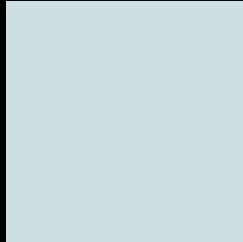
Large Text (above 18pt) WCAG AA × Fail

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 65.2920, 71.2455, 82.2620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

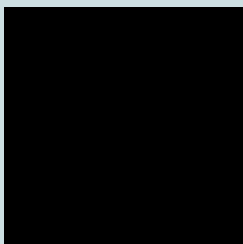
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

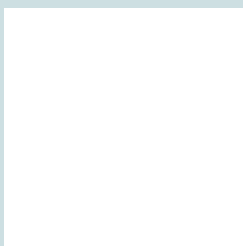
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.2920, 71.2455, 82.2620

Background



This preview shows how black text looks on a background with the XYZ color 65.2920, 71.2455, 82.2620.

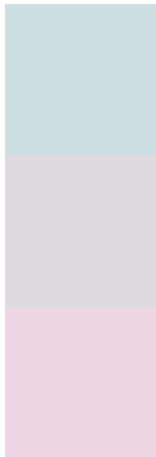


This preview shows how white text looks on a background with the XYZ color 65.2920, 71.2455,

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

65.2920, 71.2455, 82.2620

Protanopia

68.5149, 71.0001, 79.9053

Deuteranopia

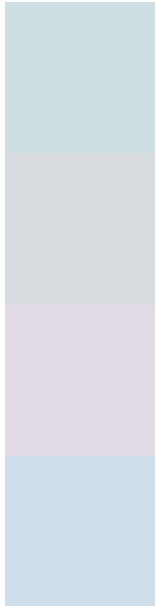
72.7229, 71.1945, 83.3078



Tritanopia

67.1686, 71.2103, 91.8662

Trichromacy



Original Color

65.2920, 71.2455, 82.2620

Protanomaly

67.3666, 71.1671, 80.7070

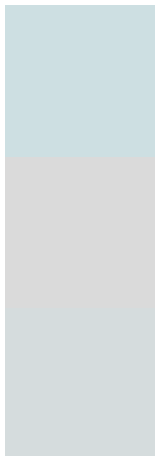
Deuteranomaly

69.7293, 71.1793, 82.7369

Tritanomaly

66.4262, 71.3049, 88.1041

Monochromacy



Original Color

65.2920, 71.2455, 82.2620

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.0849, 70.5530, 78.5417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2920, 71.2455, 82.2620 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, 223, 226) looks like.

```
.text, #text, p{  
    color:rgb(205, 223, 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, 223, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 223, 226) }
```

Border

The CSS property to change the border of an element to XYZ 65.2920, 71.2455, 82.2620 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, 223, 226) }
```


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

```
.border{ border-color:rgb(205, 223, 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, 223, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 223, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 223, 226);  
box-shadow:4px 4px 4px 4px rgb(205, 223,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2920, 71.2455, 82.2620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 223, 226) }
```

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

```
.background{ background-color: rgb(205,  
223, 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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