

Converting Colors

XYZ(70.2119, 64.0688,
129.1243)

Have a look what the booklet for
XYZ(70.2119, 64.0688, 129.1243)
contains.

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Color

**XYZ(65.2826, 62.2302,
103.1786)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D2C8FF |
| RGB | 210, 200, 255 |
| RGB Percent | 82%, 78%, 100% |
| CMY | 0.1765, 0.2157, 0.0000 |
| CMYK | 0.18, 0.22, 0.00, 0.00 |
| HSL | 251°, 100%, 89% |
| HSV | 251°, 22%, 100% |
| XYZ | 65.2826, 62.2302, 103.1786 |
| YIQ | 209.2600, -11.6950, 19.2250 |

Conversions

Conversions Part 2

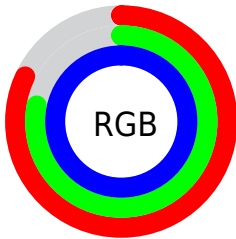
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 210, 200, 255 |
| Decimal | 13814015 |
| CIE Lab | 83.04, 14.28, -25.69 |
| CIE LCh | 83, 29.393, 299.057 |
| Yxy | 62.2302, 0.2830, 0.2698 |
| Android (android.graphics.Color) | 4292004095 (0xFFD2C8FF) |
| YUV | 209.2600, 22.5498, 0.6490 |
| Hunter-Lab | 78.8861, 9.6678, -22.3277 |

Details

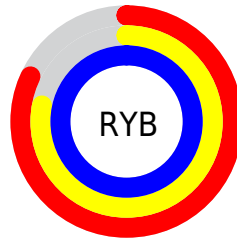
The XYZ color **65.2826, 62.2302, 103.1786** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.8428, 95.1032, 68.5842**, and the grayscale version is **60.6384, 63.7964, 69.4742**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.9895, 31.6035, 57.7347** is the 20% darker color. If you saturate the color by 10%, you get **54.3043, 48.5239, 101.1117**, and if you desaturate by 10%, it is **78.0238, 78.3104, 105.6109**.

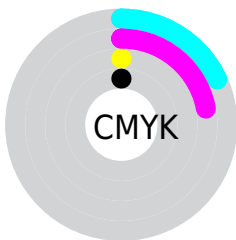
Distribution



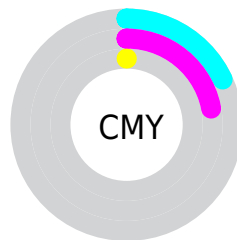
- Red (82%)
- Green (78%)
- Blue (100%)



- Red (82%)
- Yellow (78%)
- Blue (100%)



- Cyan (18%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.2826, 62.2302, 103.1786 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 65.2826, 62.2302, 103.1786 by changing the saturation by 10% instead.

■ 65.2826, 62.2302,
103.1786

■ 65.2826, 62.2302,
103.1786

433.3360,
432.7703, 591.6697

■ 47.9558, 45.2187,
78.3261

111.5195,
108.0582, 167.6083

■ 34.0030, 31.6297,
57.8239

141.1603,
137.6435, 208.0227

■ 23.0588, 21.0789,
41.2533

175.6366,
172.1888, 254.4614

■ 14.7579, 13.1817,
28.1959

215.3135,
212.0786, 307.3431

■ 8.7348, 7.5538,
18.2330

260.5566,
257.6973, 367.0862

■ 4.6244, 3.8108,
10.9463

311.7311,

■ 2.0611, 1.5683,

309.4292, 434.1093

5.9170

369.2025,
367.6587, 508.8310

■ 0.6679, 0.3361,
2.7267

■ 0.0000, 0.0000,
0.9568

■ 65.2826, 62.2302,
103.1786

■ 65.2826, 62.2302,
103.1786

■ 54.3043, 48.5239,
101.1117

■ 78.0238, 78.3104,
105.6109

■ 45.0050, 37.0713,
99.3912

■ 92.5961, 96.8625,
108.4237

■ 37.3020, 27.7524,
97.9985

■ 95.0500, 100.0000,
108.9000

■ 31.1030, 20.4334,
96.9125

■ 26.3062, 14.9649,
96.1098

■ 22.7964, 11.1761,
95.5634

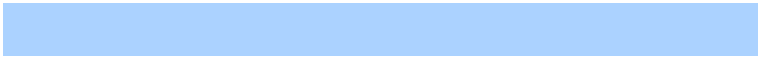
■ 20.4388, 8.8635,
95.2413

■ 19.1929, 7.8092,
95.1035

Harmonies

Analogous

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



58.9471, 62.2302, 109.1118



65.2826, 62.2302, 103.1786



70.2580, 62.2302, 87.3895

Triad

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



65.2826, 62.2302, 103.1786



65.6553, 62.2302, 41.9596



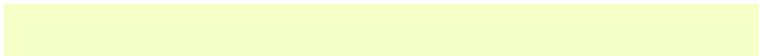
47.7534, 62.2302, 67.1839

Complementary

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



65.2826, 62.2302, 103.1786



83.8428, 95.1032, 68.5842

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.



49.2755, 62.2302, 51.3117



65.2826, 62.2302, 103.1786



59.3492, 62.2302, 38.4478

Square

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



65.2826, 62.2302, 103.1786



70.4838, 62.2302, 52.1448



53.4102, 62.2302, 41.5426



49.0977, 62.2302, 86.2131

Rectangle

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



65.2826, 62.2302, 103.1786



71.9729, 62.2302, 74.6200



53.4102, 62.2302, 41.5426



47.9448, 62.2302, 61.3304

Sweetspot

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



65.2844, 62.2327, 103.1790



85.9053, 88.3262, 107.1287



74.7760, 85.3106, 107.1332



18.1830, 18.6453, 22.8905



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.



65.2844, 62.2327, 103.1790



60.2042, 55.8696, 102.2185



73.5197, 66.4781, 103.5644



17.3109, 17.5365, 22.7224



10.1168, 4.1259, 49.6977



1.0643, 0.4426, 4.8426

Inverse Universe

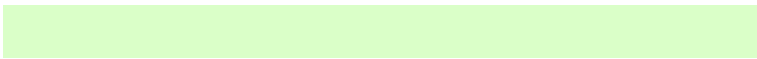
The Inverse Universe completely reimagines the original color for something new.



78.3771, 69.1634, 95.6068



75.5428, 63.9941, 93.1226



75.2000, 90.6477, 68.1797



18.6426, 18.2404, 22.0013



27.5904, 13.5255, 32.8233



2.7216, 1.3310, 3.3813

Previews

White Background



This preview shows how the XYZ color 65.2826, 62.2302, 103.1786 looks on a white background.

Color Contrast Check

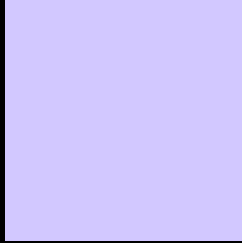
Large Text (above 18pt) WCAG AA × Fail

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 65.2826, 62.2302, 103.1786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

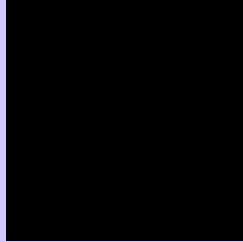
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.2826, 62.2302, 103.1786

Background



This preview shows how black text looks on a background with the XYZ color 65.2826, 62.2302, 103.1786.

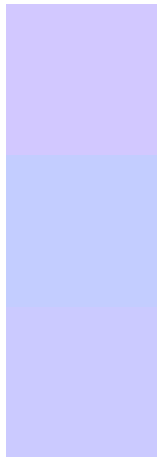


This preview shows how white text looks on a background with the XYZ color 65.2826, 62.2302,

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

65.2826, 62.2302, 103.1786

Protanopia

62.3870, 62.4847, 103.3804

Deuteranopia

63.7991, 62.1576, 103.2428



Tritanopia

60.1580, 62.2539, 77.9528

Trichromacy



Original Color

65.2826, 62.2302, 103.1786

Protanomaly

63.2254, 62.2112, 103.2834

Deuteranomaly

64.3902, 62.1151, 103.2034

Tritanomaly

61.8977, 62.2481, 86.5946

Monochromacy



Original Color

65.2826, 62.2302, 103.1786

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

62.0933, 63.1889, 80.8755

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2826, 62.2302, 103.1786 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(210, 200, 255)` looks like.

```
.text, #text, p{  
    color:rgb(210, 200, 255)  
}
```

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(210, 200, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 200, 255) }
```

Border

The CSS property to change the border of an element to XYZ 65.2826, 62.2302, 103.1786 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(210, 200, 255) }
```


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

```
.border{ border-color:rgb(210, 200, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 200, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 200, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 200, 255);  
box-shadow:4px 4px 4px 4px rgb(210, 200,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2826, 62.2302, 103.1786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 200, 255) }
```

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

```
.background{ background-color: rgb(210,  
200, 255) }
```

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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