

Converting Colors

XYZ(65.1375, 64.2775,
102.7396)

Have a look what the booklet for
XYZ(65.1375, 64.2775, 102.7396)
contains.

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Color

**XYZ(65.1375, 64.2775,
102.7396)**

Conversions

Conversions Part 1

Format	Color
Hex	CDCEFE
RGB	205, 206, 254
RGB Percent	80%, 81%, 100%
CMY	0.1961, 0.1921, 0.0039
CMYK	0.19, 0.19, 0.00, 0.00
HSL	239°, 96%, 90%
HSV	239°, 19%, 100%
XYZ	65.1375, 64.2775, 102.7396
YIQ	211.1730, -16.0040, 14.7160

Conversions

Conversions Part 2

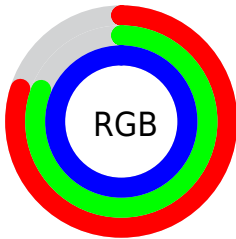
Format	Color
R _Y B	205, 206, 254
Decimal	13487870
CIE Lab	84.11, 9.32, -23.56
CIE LCh	84, 25.337, 291.576
Yxy	64.2775, 0.2806, 0.2769
Android (android.graphics.Color)	4291677950 (0xFFCDCEFE)
YUV	211.1730, 21.1137, -5.4137
Hunter-Lab	80.1732, 4.7208, -19.8571

Details

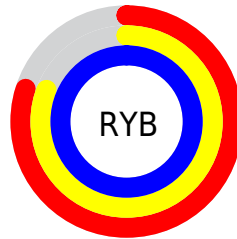
The XYZ color **65.1375, 64.2775, 102.7396** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.0183, 95.7290, 71.6504**, and the grayscale version is **61.9053, 65.1291, 70.9256**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.8840, 32.9717, 57.4016** is the 20% darker color. If you saturate the color by 10%, you get **53.1686, 49.9096, 100.5982**, and if you desaturate by 10%, it is **79.1959, 81.1331, 105.2532**.

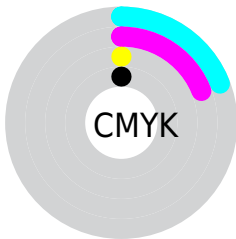
Distribution



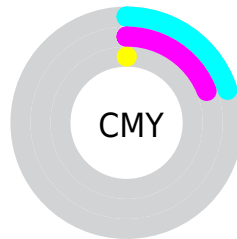
- Red (80%)
- Green (81%)
- Blue (100%)



- Red (80%)
- Yellow (81%)
- Blue (100%)



- Cyan (19%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.1375, 64.2775, 102.7396 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 65.1375, 64.2775, 102.7396 by changing the saturation by 10% instead.

■ 65.1375, 64.2775,
102.7396

■ 65.1375, 64.2775,
102.7396

432.8233,
440.1911, 590.2624

■ 47.8377, 46.8755,
77.9609

111.3121,
111.0105, 167.0016

■ 33.9091, 32.9372,
57.5256

140.9177,
141.1102, 207.3219

■ 22.9863, 22.0784,
41.0152

175.3558,
176.2113, 253.6598

■ 14.7040, 13.9145,
28.0112

214.9919,
216.6982, 306.4338

■ 8.6969, 8.0612,
18.0950

260.1914,
262.9552, 366.0626

■ 4.5995, 4.1341,
10.8480

311.3195,

■ 2.0466, 1.7489,

315.3667, 432.9646

5.8519

368.7417,
374.3172, 507.5583

■ 0.6599, 0.4550,
2.6879

■ 0.0000, 0.0000,
0.9373

■ 65.1375, 64.2775,
102.7396

■ 65.1375, 64.2775,
102.7396

■ 53.1686, 49.9096,
100.5982

■ 79.1959, 81.1331,
105.2532

■ 43.1839, 37.9043,
98.8072

94.8896, 99.9358,
108.0553

■ 35.0779, 28.1376,
97.3493

■ 28.7332, 20.4709,
96.2038

■ 24.0189, 14.7502,
95.3481

■ 20.7863, 10.8006,
94.7561

■ 18.8591, 8.4160,
94.3974

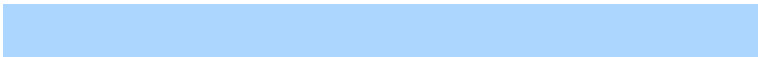
■ 17.9877, 7.3185,
94.2315

■ 17.9460, 7.2686,
94.2241

Harmonies

Analogous

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



59.5308, 64.2775, 105.1178



65.1375, 64.2775, 102.7396



69.9189, 64.2775, 90.9425

Triad

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



65.1375, 64.2775, 102.7396



68.0291, 64.2775, 48.5112



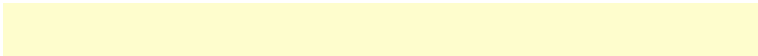
51.0544, 64.2775, 65.5686

Complementary

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



65.1375, 64.2775, 102.7396



87.0183, 95.7290, 71.6504

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.



53.0444, 64.2775, 52.5269



65.1375, 64.2775, 102.7396



62.6840, 64.2775, 43.7114

Square

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



65.1375, 64.2775, 102.7396



71.6581, 64.2775, 59.2539



57.2211, 64.2775, 45.0601



51.6225, 64.2775, 81.9444

Rectangle

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



65.1375, 64.2775, 102.7396



71.8835, 64.2775, 80.1870



57.2211, 64.2775, 45.0601



51.4417, 64.2775, 60.6913

Sweetspot

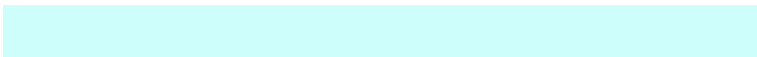
The Sweet Spot groups the original color and five complimentary colors.



65.1395, 64.2801, 102.7411



85.0473, 88.0206, 107.1149



78.2488, 90.9155, 105.8258



17.9810, 18.5733, 22.8873



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.



65.1395, 64.2801, 102.7411



60.9973, 59.1852, 102.8167



71.6747, 67.2922, 102.9780



17.0328, 17.4372, 22.7179



9.4740, 3.8575, 49.6798



0.9325, 0.3956, 4.8405

Inverse Universe

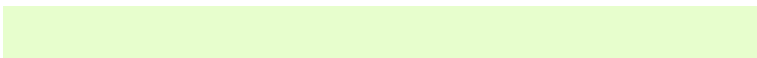
The Inverse Universe completely reimagines the original color for something new.



73.8466, 69.1914, 67.8585



71.2001, 64.9544, 61.9388



79.4606, 92.3037, 71.3876



18.0244, 17.9931, 18.7459



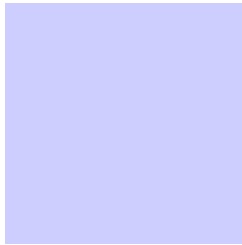
21.5702, 11.1174, 1.1213



2.1053, 1.0845, 0.1358

Previews

White Background



This preview shows how the XYZ color 65.1375, 64.2775, 102.7396 looks on a white background.

Color Contrast Check

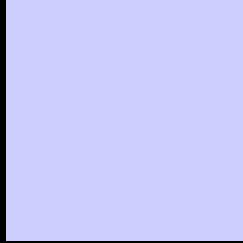
Large Text (above 18pt) WCAG AA × Fail

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 65.1375, 64.2775, 102.7396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

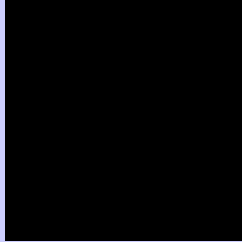
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.1375, 64.2775, 102.7396

Background



This preview shows how black text looks on a background with the XYZ color 65.1375, 64.2775, 102.7396.



This preview shows how white text looks on a background with the XYZ color 65.1375, 64.2775,

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

65.1375, 64.2775, 102.7396

Protanopia

64.1591, 64.4739, 103.6709

Deuteranopia

65.7331, 64.2283, 102.6987



Tritanopia

60.9788, 64.4139, 81.8923

Trichromacy



Original Color

65.1375, 64.2775, 102.7396

Protanomaly

64.4502, 64.2632, 103.6149

Deuteranomaly

65.4528, 64.0838, 102.6856

Tritanomaly

62.4436, 64.2719, 89.2353

Monochromacy



Original Color

65.1375, 64.2775, 102.7396

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.9601, 64.7023, 81.8435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1375, 64.2775, 102.7396 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, 206, 254) looks like.

```
.text, #text, p{  
    color:rgb(205, 206, 254)  
}
```

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, 206, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 206, 254) }
```

Border

The CSS property to change the border of an element to XYZ 65.1375, 64.2775, 102.7396 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, 206, 254) }
```


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

```
.border{ border-color:rgb(205, 206, 254) }
```

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

Here you see how a box with a 4 pixel rgb(205, 206, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 206, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 206, 254);  
box-shadow:4px 4px 4px 4px rgb(205, 206,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1375, 64.2775, 102.7396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 206, 254) }
```

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

```
.background{ background-color: rgb(205,  
206, 254) }
```

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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