

Converting Colors

XYZ(68.6237, 62.3125,
120.5385)

Have a look what the booklet for
XYZ(68.6237, 62.3125, 120.5385)
contains.

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Color

**XYZ(65.2305, 60.8460,
102.9142)**

Conversions

Conversions Part 1

Format	Color
Hex	D5C4FF
RGB	213, 196, 255
RGB Percent	84%, 77%, 100%
CMY	0.1647, 0.2314, 0.0000
CMYK	0.16, 0.23, 0.00, 0.00
HSL	257°, 100%, 88%
HSV	257°, 23%, 100%
XYZ	65.2305, 60.8460, 102.9142
YIQ	207.8090, -8.8070, 21.9530

Conversions

Conversions Part 2

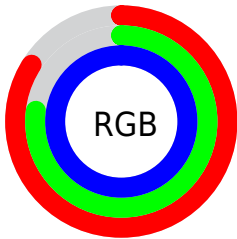
Format	Color
R _Y B	213, 196, 255
Decimal	14009599
CIE _{Lab}	82.30, 17.35, -26.80
CIE _{LCh}	82, 31.925, 302.913
Y _{xy}	60.8460, 0.2849, 0.2657
Android (android.graphics.Color)	4292199679 (0xFFD5C4FF)
YUV	207.8090, 23.2652, 4.5525
Hunter-Lab	78.0038, 12.7634, -23.6214

Details

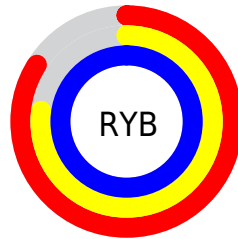
The XYZ color **65.2305, 60.8460, 102.9142** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.9849, 93.6832, 66.0416**, and the grayscale version is **59.6903, 62.7989, 68.3880**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **33.9666, 30.6923, 57.5601** is the 20% darker color. If you saturate the color by 10%, you get **54.9863, 47.7411, 100.9246**, and if you desaturate by 10%, it is **77.0450, 76.2146, 105.2579**.

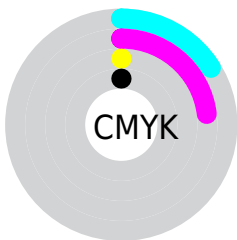
Distribution



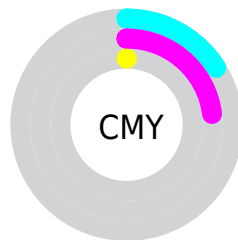
- Red (84%)
- Green (77%)
- Blue (100%)



- Red (84%)
- Yellow (77%)
- Blue (100%)



- Cyan (16%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.2305, 60.8460, 102.9142 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 65.2305, 60.8460, 102.9142 by changing the saturation by 10% instead.

65.2305, 60.8460,
102.9142

65.2305, 60.8460,
102.9142

433.1520,
427.7091, 590.8223

47.9134, 44.1009,
78.1061

111.4450,
106.0559, 167.2429

33.9693, 30.7498,
57.6442

141.0732,
135.2895, 207.6007

23.0328, 20.4084,
41.1099

175.5358,
169.4548, 253.9787

14.7385, 12.6923,
28.0846

215.1981,
208.9360, 306.7956

8.7212, 7.2170,
18.1498

260.4255,
254.1177, 366.4698

4.6154, 3.5982,
10.8871

311.5834,

2.0559, 1.4514,

305.3842, 433.4200

5.8777

369.0371,
363.1198, 508.0646

■ 0.6650, 0.2542,
2.7033

■ 0.0000, 0.0000,
0.9451

■ 65.2305, 60.8460,
102.9142

■ 65.2305, 60.8460,
102.9142

■ 54.9863, 47.7411,
100.9246

■ 77.0450, 76.2146,
105.2579

■ 46.2385, 36.7837,
99.2707

■ 90.4891, 93.9408,
107.9708

■ 38.9148, 27.8585,
97.9339

95.0500, 100.0000,
108.9000

■ 32.9343, 20.8357,
96.8936

■ 28.2076, 15.5705,
96.1264

■ 24.6329, 11.8962,
95.6057

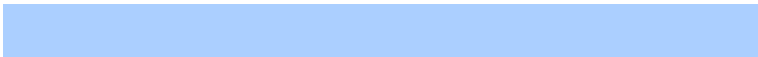
■ 22.0899, 9.6119,
95.2988

■ 20.8335, 8.6549,
95.1803

Harmonies

Analogous

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



58.4992, 60.8460, 111.1183



65.2305, 60.8460, 102.9142



70.2697, 60.8460, 84.8031

Triad

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



65.2305, 60.8460, 102.9142



63.9916, 60.8460, 38.1954



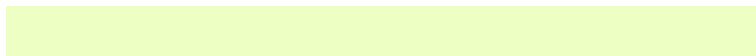
45.7341, 60.8460, 68.1719

Complementary

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



65.2305, 60.8460, 102.9142



80.9849, 93.6832, 66.0416

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.



46.9566, 60.8460, 50.6234



65.2305, 60.8460, 102.9142



57.1705, 60.8460, 35.4527

Square

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



65.2305, 60.8460, 102.9142



69.5159, 60.8460, 47.9186



51.0158, 60.8460, 39.5286



47.5372, 60.8460, 88.7479

Rectangle

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



65.2305, 60.8460, 102.9142



71.7996, 60.8460, 70.9783



51.0158, 60.8460, 39.5286



45.8051, 60.8460, 61.7383

Sweetspot

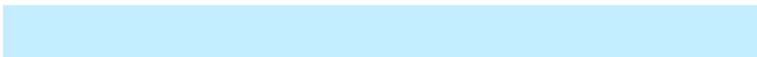
The Sweet Spot groups the original color and five complimentary colors.



65.2323, 60.8484, 102.9146



85.0962, 86.8044, 106.8776



71.4736, 80.2713, 106.3346



18.0386, 18.3482, 22.8408



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.



65.2323, 60.8484, 102.9146



60.0565, 54.1967, 101.9034



74.4837, 65.6177, 103.3475



17.4946, 17.6312, 22.7310



11.0127, 4.5878, 49.7397



1.1747, 0.4995, 4.8478

Inverse Universe

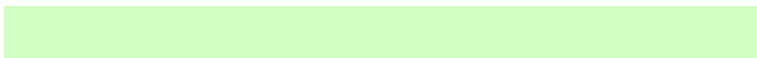
The Inverse Universe completely reimagines the original color for something new.



76.4139, 66.9151, 89.7790



73.2104, 61.3402, 86.1460



71.9586, 89.0300, 65.6192



18.5564, 18.2059, 21.5473



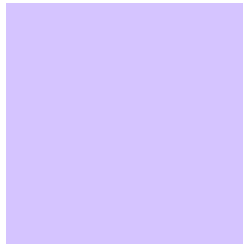
26.0032, 12.8906, 24.4648



2.5792, 1.2740, 2.6314

Previews

White Background



This preview shows how the XYZ color 65.2305, 60.8460, 102.9142 looks on a white background.

Color Contrast Check

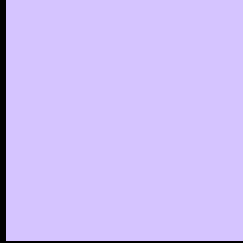
Large Text (above 18pt) WCAG AA × Fail

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 65.2305, 60.8460, 102.9142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

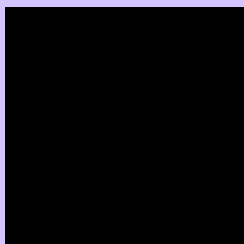
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.2305, 60.8460, 102.9142

Background



This preview shows how black text looks on a background with the XYZ color 65.2305, 60.8460, 102.9142.

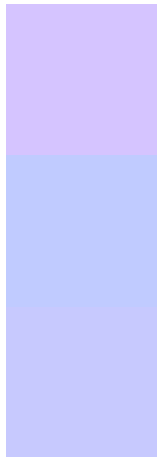


This preview shows how white text looks on a background with the XYZ color 65.2305, 60.8460,

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

65.2305, 60.8460, 102.9142

Protanopia

61.1442, 61.1383, 103.1860

Deuteranopia

62.3292, 61.0712, 102.2687



Tritanopia

59.8742, 61.0917, 75.6540

Trichromacy



Original Color

65.2305, 60.8460, 102.9142

Protanomaly

62.5237, 60.8079, 103.0495

Deuteranomaly

63.2147, 60.8400, 102.1774

Tritanomaly

61.5143, 60.6901, 84.8161

Monochromacy



Original Color

65.2305, 60.8460, 102.9142

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.7618, 62.3236, 80.0086

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2305, 60.8460, 102.9142 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(213, 196, 255)` looks like.

```
.text, #text, p{  
    color:rgb(213, 196, 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(213, 196, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 196, 255) }
```

Border

The CSS property to change the border of an element to XYZ 65.2305, 60.8460, 102.9142 is called "border". The border property can be set on classes, ids or directly on the HTML element.

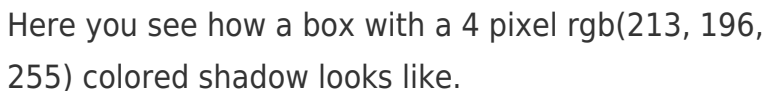
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(213, 196, 255) }
```


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

```
.border{ border-color:rgb(213, 196, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(213, 196, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 196, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 196, 255); box-shadow:4px 4px 4px 4px rgb(213, 196, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2305, 60.8460, 102.9142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 196, 255) }
```

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

```
.background{ background-color: rgb(213,  
196, 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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