

Converting Colors

XYZ(65.9842, 62.6104,
102.3732)

Have a look what the booklet for
XYZ(65.9842, 62.6104, 102.3732)
contains.

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Color

**XYZ(65.9842, 62.6104,
102.3732)**

Conversions

Conversions Part 1

Format	Color
Hex	D5C8FE
RGB	213, 200, 254
RGB Percent	84%, 78%, 100%
CMY	0.1647, 0.2157, 0.0039
CMYK	0.16, 0.21, 0.00, 0.00
HSL	254°, 96%, 89%
HSV	254°, 21%, 100%
XYZ	65.9842, 62.6104, 102.3732
YIQ	210.0430, -9.5860, 19.5500

Conversions

Conversions Part 2

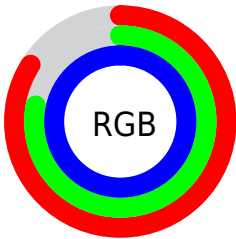
Format	Color
R _Y B	213, 200, 254
Decimal	14010622
CIE Lab	83.24, 14.98, -24.83
CIE LCh	83, 29.003, 301.103
Yxy	62.6104, 0.2857, 0.2711
Android (android.graphics.Color)	4292200702 (0xFFD5C8FE)
YUV	210.0430, 21.6708, 2.5933
Hunter-Lab	79.1267, 10.3803, -21.3200

Details

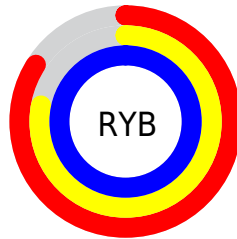
The XYZ color **65.9842, 62.6104, 102.3732** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.1448, 93.7561, 68.4136**, and the grayscale version is **61.1552, 64.3400, 70.0662**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.4575, 31.8581, 57.1564** is the 20% darker color. If you saturate the color by 10%, you get **55.3181, 49.0939, 100.3274**, and if you desaturate by 10%, it is **78.2967, 78.4294, 104.7786**.

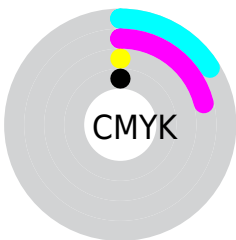
Distribution



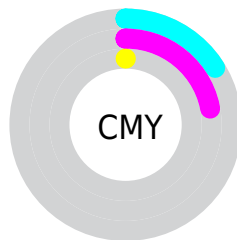
- Red (84%)
- Green (78%)
- Blue (100%)



- Red (84%)
- Yellow (78%)
- Blue (100%)



- Cyan (16%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.9842, 62.6104, 102.3732 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 65.9842, 62.6104, 102.3732 by changing the saturation by 10% instead.

65.9842, 62.6104,
102.3732

65.9842, 62.6104,
102.3732

435.8099,
434.1542, 589.0864

48.5272, 45.5261,
77.6561

112.5215,
108.6072, 166.4949

34.4576, 31.8720,
57.2767

142.3326,
138.2886, 206.7366

23.4099, 21.2638,
40.8166

176.9924,
172.9377, 252.9903

15.0188, 13.3169,
27.8572

216.8663,
212.9390, 305.6744

8.9190, 7.6472,
17.9799

262.3196,
258.6769, 365.2075

4.7451, 3.8700,
10.7663

313.7178,

2.1317, 1.6011,

310.5358, 432.0082

5.7977

371.4261,
368.9001, 506.4950

■ 0.7064, 0.3584,
2.6557

■ 0.0000, 0.0000,
0.9210

■ 65.9842, 62.6104,
102.3732

■ 65.9842, 62.6104,
102.3732

■ 55.3181, 49.0939,
100.3274

■ 78.2967, 78.4294,
104.7786

■ 46.2210, 37.7636,
98.6199

■ 92.3167, 96.6443,
107.5555

■ 38.6181, 28.5050,
97.2336

■ 94.8896, 99.9358,
108.0553

■ 32.4256, 21.1894,
96.1479

■ 27.5512, 15.6738,
95.3402

■ 23.8908, 11.7947,
94.7843

■ 21.3224, 9.3572,
94.4492

■ 19.8228, 8.1525,
94.2957

Harmonies

Analogous

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



59.7427, 62.6104, 109.0403



65.9842, 62.6104, 102.3732



70.7488, 62.6104, 86.3346

Triad

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



65.9842, 62.6104, 102.3732



65.5527, 62.6104, 42.1019



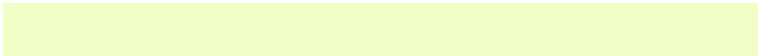
48.2084, 62.6104, 68.8418

Complementary

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



65.9842, 62.6104, 102.3732



82.1448, 93.7561, 68.4136

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.



49.5280, 62.6104, 52.7541



65.9842, 62.6104, 102.3732



59.2765, 62.6104, 39.0530

Square

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



65.9842, 62.6104, 102.3732



70.4876, 62.6104, 51.7856



53.4725, 62.6104, 42.5879



49.7346, 62.6104, 87.6951

Rectangle

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



65.9842, 62.6104, 102.3732



72.2878, 62.6104, 73.6754



53.4725, 62.6104, 42.5879



48.3331, 62.6104, 62.9499

Sweetspot

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



65.9862, 62.6130, 102.3746



86.2163, 88.4866, 107.1433



73.2846, 82.5847, 105.8449



18.2562, 18.6831, 22.8939



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.



65.9862, 62.6130, 102.3746



61.2661, 56.4170, 102.2682



74.3451, 66.9222, 102.7658



17.4124, 17.5888, 22.7272



10.5599, 4.3543, 49.7185



1.1210, 0.4718, 4.8453

Inverse Universe

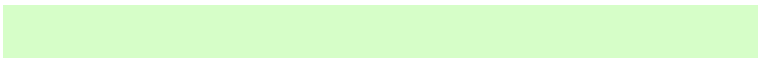
The Inverse Universe completely reimagines the original color for something new.



77.4065, 68.7328, 92.4087



74.9591, 63.7606, 90.0490



73.7176, 89.4117, 68.0192



18.5947, 18.2212, 21.7490



26.6761, 13.1597, 28.0084



2.6400, 1.2984, 2.9517

Previews

White Background



This preview shows how the XYZ color 65.9842, 62.6104, 102.3732 looks on a white background.

Color Contrast Check

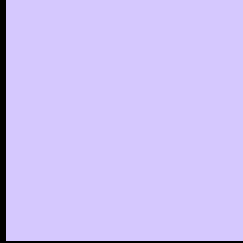
Large Text (above 18pt) WCAG AA × Fail

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 65.9842, 62.6104, 102.3732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

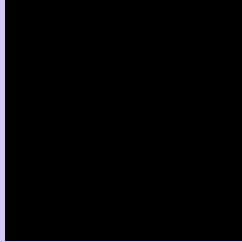
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.9842, 62.6104, 102.3732

Background



This preview shows how black text looks on a background with the XYZ color 65.9842, 62.6104, 102.3732.

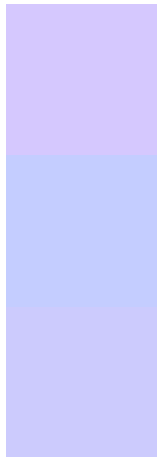


This preview shows how white text looks on a background with the XYZ color 65.9842, 62.6104,

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

65.9842, 62.6104, 102.3732

Protanopia

62.6463, 62.6184, 103.3925

Deuteranopia

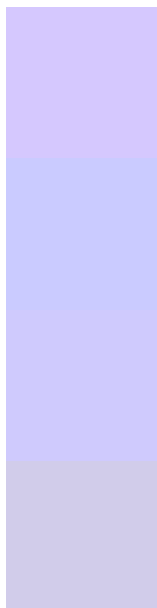
63.9874, 62.6411, 101.6469



Tritanopia

60.9882, 62.6819, 77.9916

Trichromacy



Original Color

65.9842, 62.6104, 102.3732

Protanomaly

63.7631, 62.4884, 103.3085

Deuteranomaly

64.5823, 62.5983, 101.6073

Tritanomaly

62.7386, 62.6816, 86.6340

Monochromacy



Original Color

65.9842, 62.6104, 102.3732

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.6627, 63.4825, 80.9022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9842, 62.6104, 102.3732 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, 200, 254)` looks like.

```
.text, #text, p{  
    color:rgb(213, 200, 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(213, 200, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 200, 254) }
```

Border

The CSS property to change the border of an element to XYZ 65.9842, 62.6104, 102.3732 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, 200, 254) }
```


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

```
.border{ border-color:rgb(213, 200, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 200, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 200, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 200, 254);  
box-shadow:4px 4px 4px 4px rgb(213, 200,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9842, 62.6104, 102.3732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 200, 254) }
```

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

```
.background{ background-color: rgb(213,  
200, 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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