

Converting Colors

XYZ(65.9859, 63.9860,
103.4805)

Have a look what the booklet for
XYZ(65.9859, 63.9860, 103.4805)
contains.

XYZ(65.9374, 63.9610, 103.4782)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(65.9374, 63.9610,
103.4782)**

Conversions

Conversions Part 1

Format	Color
Hex	D1CCFF
RGB	209, 204, 255
RGB Percent	82%, 80%, 100%
CMY	0.1804, 0.2000, 0.0000
CMYK	0.18, 0.20, 0.00, 0.00
HSL	246°, 100%, 90%
HSV	246°, 20%, 100%
XYZ	65.9374, 63.9610, 103.4782
YIQ	211.3090, -13.3910, 16.9210

Conversions

Conversions Part 2

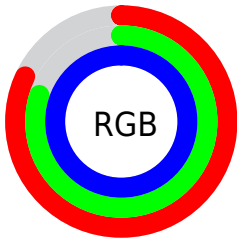
Format	Color
R _{YB}	209, 204, 255
Decimal	13749503
CIE _{Lab}	83.95, 11.82, -24.31
CIE _{LCh}	84, 27.037, 295.933
Y _{xy}	63.9610, 0.2825, 0.2741
Android (android.graphics.Color)	4291939583 (0xFFD1CCFF)
YUV	211.3090, 21.5397, -2.0250
Hunter-Lab	79.9756, 7.2103, -20.7307

Details

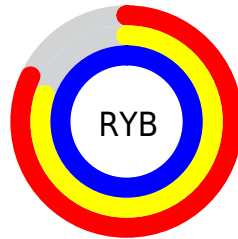
The XYZ color **65.9374, 63.9610, 103.4782** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.0845, 96.2041, 71.1616**, and the grayscale version is **61.9910, 65.2194, 71.0239**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.4258, 32.7599, 57.9349** is the 20% darker color. If you saturate the color by 10%, you get **54.3212, 49.7013, 101.3380**, and if you desaturate by 10%, it is **79.4889, 80.6945, 105.9938**.

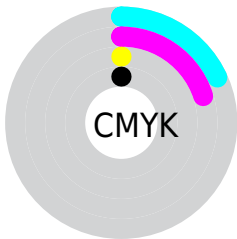
Distribution



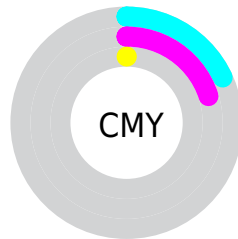
- Red (82%)
- Green (80%)
- Blue (100%)



- Red (82%)
- Yellow (80%)
- Blue (100%)



- Cyan (18%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.9374, 63.9610, 103.4782 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 65.9374, 63.9610, 103.4782 by changing the saturation by 10% instead.

65.9374, 63.9610,
103.4782

65.9374, 63.9610,
103.4782

435.6451,
439.0488, 592.6291

48.4891, 46.6191,
78.5755

112.4547,
110.5548, 168.0223

34.4272, 32.7346,
58.0276

142.2544,
140.5754, 208.5007

23.3865, 21.9232,
41.4160

176.9020,
175.5911, 255.0082

15.0014, 13.8005,
28.3221

216.7628,
215.9862, 307.9631

8.9067, 7.9820,
18.3275

262.2021,
262.1451, 367.7842

4.7370, 4.0835,
11.0135

313.5854,

2.1269, 1.7204,

314.4523, 434.8898

5.9616

371.2780,
373.2920, 509.6986

■ 0.7038, 0.4368,
2.7533

■ 0.0000, 0.0000,
0.9701

■ 65.9374, 63.9610,
103.4782

■ 65.9374, 63.9610,
103.4782

■ 54.3212, 49.7013,
101.3380

■ 79.4889, 80.6945,
105.9938

■ 44.5466, 37.7906,
99.5542

95.0500, 100.0000,
108.9000

■ 36.5201, 28.1049,
98.1077

■ 30.1380, 20.5056,
96.9773

■ 25.2854, 14.8384,
96.1391

■ 21.8325, 10.9276,
95.5663

■ 19.6274, 8.5654,
95.2265

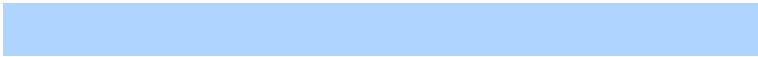
■ 18.4509, 7.4268,
95.0688

■ 18.4508, 7.4266,
95.0688

Harmonies

Analogous

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



59.9849, 63.9610, 107.7258



65.9374, 63.9610, 103.4782



70.7764, 63.9610, 89.6664

Triad

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



65.9374, 63.9610, 103.4782



67.4327, 63.9610, 45.8638



50.0754, 63.9610, 67.3437

Complementary

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



65.9374, 63.9610, 103.4782



86.0845, 96.2041, 71.1616

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.



51.7955, 63.9610, 52.8467



65.9374, 63.9610, 103.4782



61.6083, 63.9610, 41.7946

Square

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



65.9374, 63.9610, 103.4782



71.6786, 63.9610, 56.2678



55.9234, 63.9610, 44.1265



51.0694, 63.9610, 84.9849

Rectangle

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



65.9374, 63.9610, 103.4782



72.5857, 63.9610, 77.9178



55.9234, 63.9610, 44.1265



50.3522, 63.9610, 61.9752

Sweetspot

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



65.9392, 63.9635, 103.4786



85.4657, 88.0996, 107.1081



77.3723, 88.8965, 107.6885



18.0794, 18.5919, 22.8857



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.



65.9392, 63.9635, 103.4786



61.0630, 57.9663, 102.5780



73.4942, 67.8583, 103.8321



17.1681, 17.4629, 22.7158



9.6951, 3.9085, 49.6780



0.9965, 0.4076, 4.8394

Inverse Universe

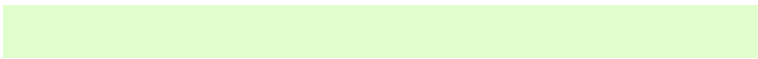
The Inverse Universe completely reimagines the original color for something new.



80.0895, 71.3500, 99.9945



77.5864, 66.5942, 98.3883



77.7897, 91.9280, 70.7734



18.7114, 18.2679, 22.3633



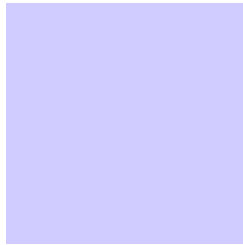
29.0437, 14.1068, 40.4761



2.8492, 1.3821, 4.0534

Previews

White Background



This preview shows how the XYZ color 65.9374, 63.9610, 103.4782 looks on a white background.

Color Contrast Check

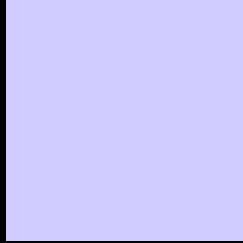
Large Text (above 18pt) WCAG AA × Fail

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 65.9374, 63.9610, 103.4782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

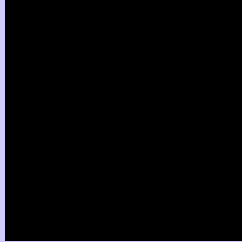
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.9374, 63.9610, 103.4782

Background



This preview shows how black text looks on a background with the XYZ color 65.9374, 63.9610, 103.4782.

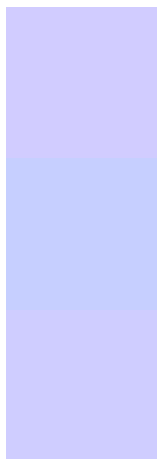


This preview shows how white text looks on a background with the XYZ color 65.9374, 63.9610,

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

65.9374, 63.9610, 103.4782

Protanopia

63.6515, 63.8514, 103.5775

Deuteranopia

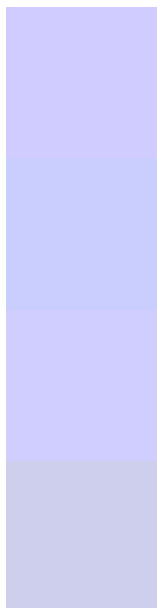
65.6134, 64.1480, 103.5314



Tritanopia

61.4298, 63.9293, 81.0534

Trichromacy



Original Color

65.9374, 63.9610, 103.4782

Protanomaly

64.4784, 63.9192, 103.5470

Deuteranomaly

65.8937, 64.2925, 103.5445

Tritanomaly

63.0525, 63.8619, 89.1241

Monochromacy



Original Color

65.9374, 63.9610, 103.4782

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.9993, 64.3594, 81.7752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9374, 63.9610, 103.4782 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(209, 204, 255)` looks like.

```
.text, #text, p{  
    color:rgb(209, 204, 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(209, 204, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 204, 255) }
```

Border

The CSS property to change the border of an element to XYZ 65.9374, 63.9610, 103.4782 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(209, 204, 255) }
```


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

```
.border{ border-color:rgb(209, 204, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 204, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 204, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 204, 255);  
box-shadow:4px 4px 4px 4px rgb(209, 204,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9374, 63.9610, 103.4782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 204, 255) }
```

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

```
.background{ background-color: rgb(209,  
204, 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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