

Converting Colors

XYZ(90.6566, 73.7579,
236.1083)

Have a look what the booklet for
XYZ(90.6566, 73.7579, 236.1083)
contains.

XYZ(65.3750, 63.6711, 103.4519)	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(65.3750, 63.6711,
103.4519)**

Conversions

Conversions Part 1

Format	Color
Hex	CFCCFF
RGB	207, 204, 255
RGB Percent	81%, 80%, 100%
CMY	0.1882, 0.2000, 0.0000
CMYK	0.19, 0.20, 0.00, 0.00
HSL	244°, 100%, 90%
HSV	244°, 20%, 100%
XYZ	65.3750, 63.6711, 103.4519
YIQ	210.7110, -14.5830, 16.4970

Conversions

Conversions Part 2

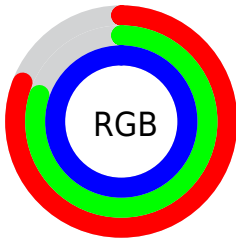
Format	Color
R _Y B	207, 204, 255
Decimal	13618431
CIE Lab	83.79, 11.21, -24.56
CIE LCh	84, 26.998, 294.542
Yxy	63.6711, 0.2812, 0.2739
Android (android.graphics.Color)	4291808511 (0xFFCFCCFF)
YUV	210.7110, 21.8345, -3.2545
Hunter-Lab	79.7942, 6.6044, -21.0126

Details

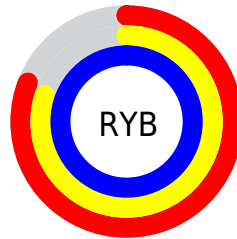
The XYZ color **65.3750, 63.6711, 103.4519** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.8051, 96.5756, 71.1954**, and the grayscale version is **61.5953, 64.8030, 70.5705**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.0483, 32.5653, 57.9173** is the 20% darker color. If you saturate the color by 10%, you get **53.5999, 49.3294, 101.3043**, and if you desaturate by 10%, it is **79.1652, 80.5277, 105.9787**.

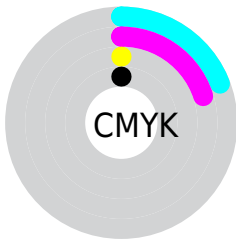
Distribution



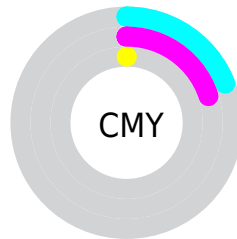
- Red (81%)
- Green (80%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3750, 63.6711, 103.4519 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 65.3750, 63.6711, 103.4519 by changing the saturation by 10% instead.

65.3750, 63.6711,
103.4519

65.3750, 63.6711,
103.4519

433.6623,
438.0010, 592.5449

48.0310, 46.3843,
78.5536

111.6515,
110.1371, 167.9860

34.0628, 32.5492,
58.0097

141.3148,
140.0852, 208.4588

23.1050, 21.7813,
41.4017

175.8153,
175.0225, 254.9602

14.7922, 13.6963,
28.3110

215.5182,
215.3334, 307.9087

8.7590, 7.9098,
18.3192

260.7890,
261.4023, 367.7229

4.6402, 4.0373,
11.0076

311.9931,

2.0703, 1.6944,

313.6136, 434.8213

5.9577

369.4957,
372.3517, 509.6225

■ 0.6730, 0.4200,
2.7510

■ 0.0000, 0.0000,
0.9689

■ 65.3750, 63.6711,
103.4519

■ 65.3750, 63.6711,
103.4519

■ 53.5999, 49.3294,
101.3043

■ 79.1652, 80.5277,
105.9787

■ 43.7403, 37.3750,
99.5165

95.0500, 100.0000,
108.9000

■ 35.6965, 27.6803,
98.0692

■ 29.3573, 20.1031,
96.9407

■ 24.5997, 14.4849,
96.1071

■ 21.2838, 10.6448,
95.5406

■ 19.2451, 8.3683,
95.2087

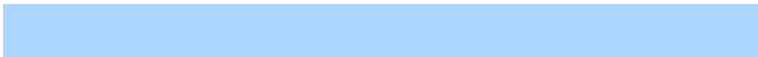
■ 18.2470, 7.3216,
95.0592

■ 18.2469, 7.3215,
95.0592

Harmonies

Analogous

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



59.4401, 63.6711, 107.1520



65.3750, 63.6711, 103.4519



70.2818, 63.6711, 90.0338

Triad

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



65.3750, 63.6711, 103.4519



67.3713, 63.6711, 45.9976



49.8681, 63.6711, 66.2692

Complementary

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



65.3750, 63.6711, 103.4519



86.8051, 96.5756, 71.1954

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.



51.7022, 63.6711, 52.0666



65.3750, 63.6711, 103.4519



61.6078, 63.6711, 41.6507

Square

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



65.3750, 63.6711, 103.4519



71.4861, 63.6711, 56.6361



55.9067, 63.6711, 43.6766



50.7325, 63.6711, 83.7848

Rectangle

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



65.3750, 63.6711, 103.4519



72.1781, 63.6711, 78.3938



55.9067, 63.6711, 43.6766



50.1857, 63.6711, 60.9877

Sweetspot

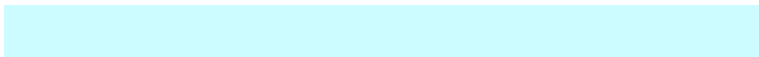
The Sweet Spot groups the original color and five complimentary colors.



65.3768, 63.6736, 103.4523



85.2609, 87.9941, 107.0986



77.9050, 89.9619, 107.8661



18.0312, 18.5671, 22.8834



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.



65.3768, 63.6736, 103.4523



60.4277, 57.6388, 102.5483



72.9395, 67.5723, 103.8062



17.1018, 17.4287, 22.7127



9.5728, 3.8454, 49.6723



0.9652, 0.3915, 4.8380

Inverse Universe

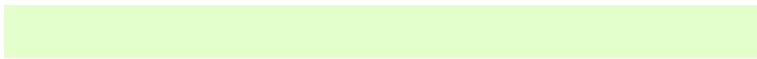
The Inverse Universe completely reimagines the original color for something new.



80.4049, 71.4762, 101.6553



77.9633, 66.7450, 100.3731



78.3232, 92.2030, 70.7984



18.7438, 18.2808, 22.5341



29.7875, 14.4043, 44.3932



2.9138, 1.4079, 4.3934

Previews

White Background



This preview shows how the XYZ color 65.3750, 63.6711, 103.4519 looks on a white background.

Color Contrast Check

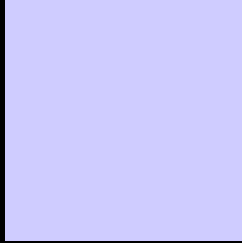
Large Text (above 18pt) WCAG AA × Fail

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 65.3750, 63.6711, 103.4519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

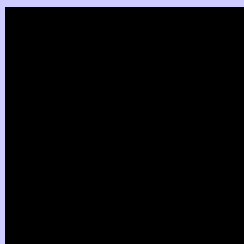
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.3750, 63.6711, 103.4519

Background



This preview shows how black text looks on a background with the XYZ color 65.3750, 63.6711, 103.4519.

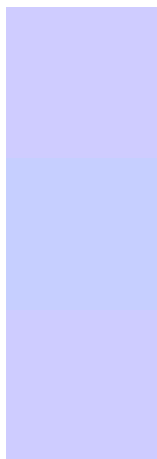


This preview shows how white text looks on a background with the XYZ color 65.3750, 63.6711,

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

65.3750, 63.6711, 103.4519

Protanopia

63.6515, 63.8514, 103.5775

Deuteranopia

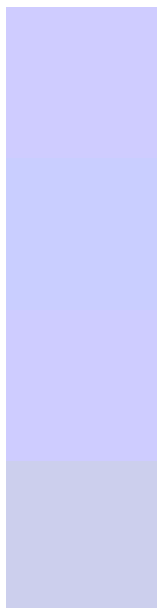
65.0965, 63.5275, 103.4388



Tritanopia

60.8851, 63.6485, 81.0279

Trichromacy



Original Color

65.3750, 63.6711, 103.4519

Protanomaly

64.2087, 63.7801, 103.5344

Deuteranomaly

65.0965, 63.5275, 103.4388

Tritanomaly

62.5007, 63.5774, 89.0983

Monochromacy



Original Color

65.3750, 63.6711, 103.4519

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 65.3750, 63.6711, 103.4519 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(207, 204, 255)` looks like.

```
.text, #text, p{  
    color:rgb(207, 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(207, 204, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 204, 255) }
```

Border

The CSS property to change the border of an element to XYZ 65.3750, 63.6711, 103.4519 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(207, 204, 255) }
```


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

```
.border{ border-color:rgb(207, 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(207, 204, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 204, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 204, 255);  
box-shadow:4px 4px 4px 4px rgb(207, 204,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3750, 63.6711, 103.4519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 204, 255) }
```

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

```
.background{ background-color: rgb(207,  
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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