

Converting Colors

XYZ(73.2951, 63.6784,
103.0358)

Have a look what the booklet for
XYZ(73.2951, 63.6784, 103.0358)
contains.

XYZ(73.1753, 63.6200, 103.0309)	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(73.1753, 63.6200,
103.0309)**

Conversions

Conversions Part 1

Format	Color
Hex	F1C0FF
RGB	241, 192, 255
RGB Percent	95%, 75%, 100%
CMY	0.0549, 0.2470, 0.0000
CMYK	0.05, 0.25, 0.00, 0.00
HSL	287°, 100%, 88%
HSV	287°, 25%, 100%
XYZ	73.1753, 63.6200, 103.0309
YIQ	213.8330, 8.9810, 29.9810

Conversions

Conversions Part 2

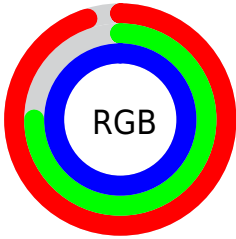
Format	Color
R_{YB}	241, 192, 255
Decimal	15843583
CIE _{Lab}	83.77, 28.23, -24.34
CIE _{LCh}	84, 37.271, 319.232
Yxy	63.6200, 0.3051, 0.2653
Android (android.graphics.Color)	4294033663 (0xFFFF1C0FF)
YUV	213.8330, 20.2953, 23.8255
Hunter-Lab	79.7621, 24.1755, -20.7530

Details

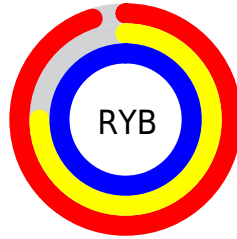
The XYZ color **73.1753, 63.6200, 103.0309** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.7294, 88.4482, 63.2165**, and the grayscale version is **63.6695, 66.9853, 72.9470**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **39.0487, 32.4445, 57.6304** is the 20% darker color. If you saturate the color by 10%, you get **66.1502, 52.3958, 101.2347**, and if you desaturate by 10%, it is **81.2342, 76.8204, 105.1541**.

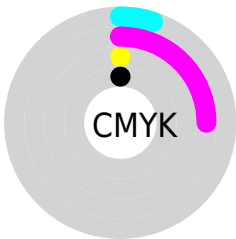
Distribution



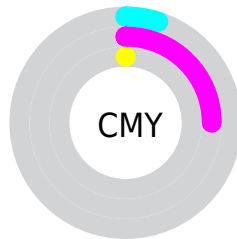
- Red (95%)
- Green (75%)
- Blue (100%)



- Red (95%)
- Yellow (75%)
- Blue (100%)



- Cyan (5%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)





- Cyan (5%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.1753, 63.6200, 103.0309 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 73.1753, 63.6200, 103.0309 by changing the saturation by 10% instead.


 73.1753, 63.6200,
103.0309

 73.1753, 63.6200,
103.0309


460.7165,
437.8161, 591.1964

 54.4082, 46.3430,
78.2032


 122.7278,
110.0635, 167.4042

 39.1601, 32.5165,
57.7235

154.2440,
139.9987, 207.7870

 27.0656, 21.7563,
41.1732


190.7405,
174.9222, 254.1918

 17.7593, 13.6780,
28.1337

232.5828,
215.2182, 307.0373

 10.8760, 7.8970,
18.1866

280.1362,
261.2712, 366.7419

 6.0502, 4.0291,
10.9132

333.7660,

 2.9166, 1.6899,

313.4656, 433.7243

5.8950

393.8377,
372.1858, 508.4029

■ 1.1098, 0.4171,
2.7136

■ 0.0333, 0.0000,
0.9503

■ 73.1753, 63.6200,
103.0309

■ 73.1753, 63.6200,
103.0309

■ 66.1502, 52.3958,
101.2347

■ 81.2342, 76.8204,
105.1541

■ 60.1028, 43.0396,
99.7475

■ 90.3683, 92.0822,
107.6185

■ 54.9800, 35.4448,
98.5515

95.0500, 100.0000,
108.9000

■ 50.7210, 29.4906,
97.6267

■ 47.2572, 25.0410,
96.9504

■ 44.5091, 21.9374,
96.4962

■ 42.3789, 19.9854,
96.2317

■ 41.4277, 19.2717,
96.1441

Harmonies

Analogous

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



65.7971, 63.6200, 121.0776



73.1753, 63.6200, 103.0309



77.2670, 63.6200, 78.0290

Triad

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



73.1753, 63.6200, 103.0309



63.4541, 63.6200, 33.7839



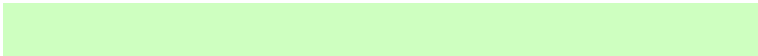
46.8055, 63.6200, 85.1874

Complementary

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



73.1753, 63.6200, 103.0309



70.7294, 88.4482, 63.2165

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.



46.3010, 63.6200, 61.1948



73.1753, 63.6200, 103.0309



55.4364, 63.6200, 34.8609

Square

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



73.1753, 63.6200, 103.0309



71.3276, 63.6200, 40.4589



49.3258, 63.6200, 43.8322



50.7723, 63.6200, 109.2765

Rectangle

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



73.1753, 63.6200, 103.0309



77.3532, 63.6200, 62.2954



49.3258, 63.6200, 43.8322



46.2398, 63.6200, 76.7496

Sweetspot

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



73.1771, 63.6227, 103.0313



88.1734, 88.3907, 107.0216



62.0307, 62.9094, 103.4811



18.7513, 18.7155, 22.8741



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.



73.1771, 63.6227, 103.0313



69.3304, 57.4375, 102.0402



75.5530, 65.1464, 89.6365



18.3746, 18.0848, 22.7722



21.7809, 10.1390, 50.2436



2.2133, 1.0349, 4.8964

Inverse Universe

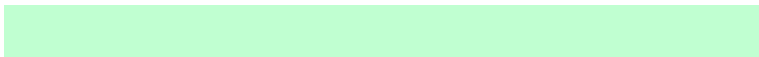
The Inverse Universe completely reimagines the original color for something new.



71.2317, 63.4179, 66.8810



67.1669, 57.2629, 59.4387



68.9838, 87.3209, 73.4130



18.1746, 18.0532, 19.5366



21.9757, 11.2796, 3.2563



2.1785, 1.1138, 0.5215

Previews

White Background



This preview shows how the XYZ color 73.1753, 63.6200, 103.0309 looks on a white background.

Color Contrast Check

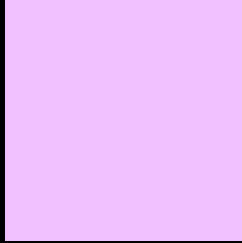
Large Text (above 18pt) WCAG AA × Fail

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 73.1753, 63.6200, 103.0309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

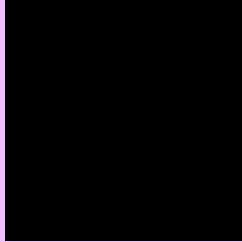
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.1753, 63.6200, 103.0309

Background



This preview shows how black text looks on a background with the XYZ color 73.1753, 63.6200, 103.0309.



This preview shows how white text looks on a background with the XYZ color 73.1753, 63.6200,

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

73.1753, 63.6200, 103.0309

Protanopia

63.6515, 63.8514, 103.5775

Deuteranopia

65.3349, 63.6875, 101.7779



Tritanopia

66.9501, 63.4153, 73.0017

Trichromacy



Original Color

73.1753, 63.6200, 103.0309



Protanomaly

66.9021, 63.7572, 103.3880



Deuteranomaly

68.0589, 63.6800, 102.4703



Tritanomaly

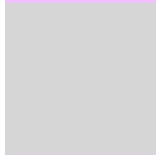
68.9479, 63.1976, 83.4273

Monochromacy



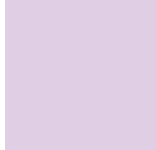
Original Color

73.1753, 63.6200, 103.0309



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

66.9546, 65.6470, 83.2710

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1753, 63.6200, 103.0309 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(241, 192, 255)` looks like.

```
.text, #text, p{  
    color:rgb(241, 192, 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(241, 192, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 192, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.1753, 63.6200, 103.0309 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(241, 192, 255) }
```


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

```
.border{ border-color:rgb(241, 192, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 192, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 192, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 192, 255);  
box-shadow:4px 4px 4px 4px rgb(241, 192,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1753, 63.6200, 103.0309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 192, 255) }
```

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

```
.background{ background-color: rgb(241,  
192, 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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