

Converting Colors

XYZ(75.7323, 69.5763,
118.0092)

Have a look what the booklet for
XYZ(75.7323, 69.5763, 118.0092)
contains.

XYZ(73.0763, 68.3515, 103.9494)	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(73.0763, 68.3515,
103.9494)**

Conversions

Conversions Part 1

Format	Color
Hex	E7CEFF
RGB	231, 206, 255
RGB Percent	91%, 81%, 100%
CMY	0.0941, 0.1921, 0.0000
CMYK	0.09, 0.19, 0.00, 0.00
HSL	271°, 100%, 90%
HSV	271°, 19%, 100%
XYZ	73.0763, 68.3515, 103.9494
YIQ	219.0610, -0.8290, 20.5390

Conversions

Conversions Part 2

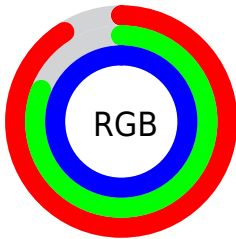
Format	Color
R _Y B	231, 206, 255
Decimal	15191807
CIE Lab	86.18, 17.61, -20.76
CIE LCh	86, 27.223, 310.318
Yxy	68.3515, 0.2978, 0.2786
Android (android.graphics.Color)	4293381887 (0xFFE7CEFF)
YUV	219.0610, 17.7179, 10.4705
Hunter-Lab	82.6750, 13.0947, -16.6744

Details

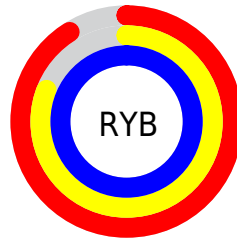
The XYZ color **73.0763, 68.3515, 103.9494** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.5352, 92.7999, 72.1159**, and the grayscale version is **67.2574, 70.7600, 77.0576**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1005, 35.6476, 58.2459** is the 20% darker color. If you saturate the color by 10%, you get **63.5403, 55.0513, 101.8848**, and if you desaturate by 10%, it is **83.8997, 83.7973, 106.3602**.

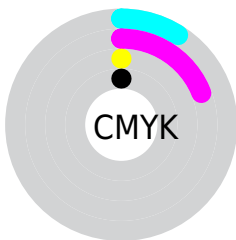
Distribution



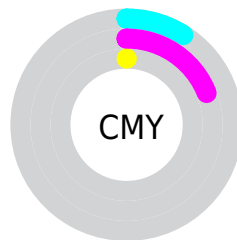
- Red (91%)
- Green (81%)
- Blue (100%)



- Red (91%)
- Yellow (81%)
- Blue (100%)



- Cyan (9%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.0763, 68.3515, 103.9494 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 73.0763, 68.3515, 103.9494 by changing the saturation by 10% instead.

73.0763, 68.3515,
103.9494

73.0763, 68.3515,
103.9494

460.3789,
454.7404, 594.1364

54.3270, 50.1837,
78.9677

122.5881,
116.8548, 168.6731

39.0948, 35.5594,
58.3481

154.0812,
147.9592, 209.2522

27.0146, 24.0941,
41.6720

190.5530,
184.1446, 255.8675

17.7208, 15.4035,
28.5209

232.3688,
225.7954, 308.9376

10.8482, 9.1030,
18.4762

279.8939,
273.2960, 368.8810

6.0314, 4.8084,
11.1195

333.4937,

2.9050, 2.1353,

327.0307, 436.1163

6.0321

393.5336,
387.3841, 511.0619

■ 1.1037, 0.6844,
2.7955

■ 0.0282, 0.0000,
0.9912

■ 73.0763, 68.3515,
103.9494

■ 73.0763, 68.3515,
103.9494

■ 63.5403, 55.0513,
101.8848

■ 83.8997, 83.7973,
106.3602

■ 55.2320, 43.7893,
100.1489

95.0500, 100.0000,
108.9000

■ 48.0952, 34.4614,
98.7246

■ 42.0668, 26.9505,
97.5925

■ 37.0767, 21.1264,
96.7314

■ 33.0457, 16.8408,
96.1166

■ 29.8807, 13.9181,
95.7193

■ 27.4446, 12.0954,
95.4959

■ 27.2714, 11.9738,
95.4816

Harmonies

Analogous

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



67.1476, 68.3515, 113.7870



73.0763, 68.3515, 103.9494



76.9816, 68.3515, 86.6582

Triad

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



73.0763, 68.3515, 103.9494



69.1084, 68.3515, 46.4358



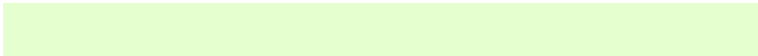
53.8205, 68.3515, 80.7750

Complementary

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



73.0763, 68.3515, 103.9494



79.5352, 92.7999, 72.1159

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.



54.2707, 68.3515, 63.3976



73.0763, 68.3515, 103.9494



62.8322, 68.3515, 45.3794

Square

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



73.0763, 68.3515, 103.9494



74.5908, 68.3515, 54.2581



57.4792, 68.3515, 51.0954



56.2071, 68.3515, 99.0519

Rectangle

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



73.0763, 68.3515, 103.9494



77.7722, 68.3515, 74.2320



57.4792, 68.3515, 51.0954



53.6490, 68.3515, 74.6147

Sweetspot

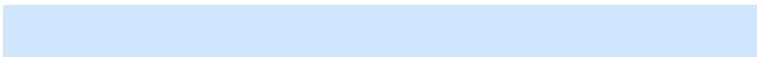
The Sweet Spot groups the original color and five complimentary colors.



73.0782, 68.3543, 103.9498



87.6583, 89.2300, 107.2108



71.9418, 77.2162, 105.7202



18.5966, 18.8585, 22.9099



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.



73.0782, 68.3543, 103.9498



69.3187, 63.0709, 103.1281



81.3625, 72.6250, 104.3375



17.8867, 17.8333, 22.7494



14.4228, 6.3457, 49.8993



1.5304, 0.6829, 4.8644

Inverse Universe

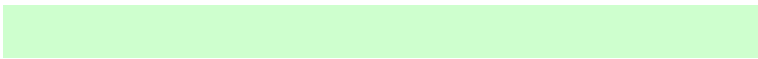
The Inverse Universe completely reimagines the original color for something new.



77.5958, 71.1183, 84.5025



74.6601, 66.3384, 80.1587



72.3562, 89.0990, 71.7800



18.3802, 18.1354, 20.6193



23.5546, 11.9111, 11.5709



2.3484, 1.1817, 1.4162

Previews

White Background



This preview shows how the XYZ color 73.0763, 68.3515, 103.9494 looks on a white background.

Color Contrast Check

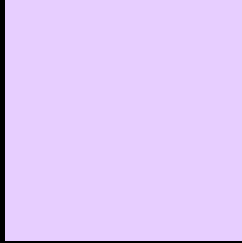
Large Text (above 18pt) WCAG AA × Fail

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 73.0763, 68.3515, 103.9494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

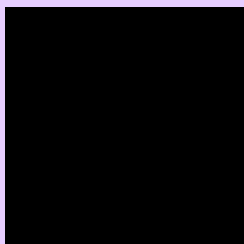
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.0763, 68.3515, 103.9494

Background



This preview shows how black text looks on a background with the XYZ color 73.0763, 68.3515, 103.9494.

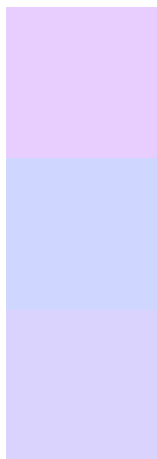


This preview shows how white text looks on a background with the XYZ color 73.0763, 68.3515,

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

73.0763, 68.3515, 103.9494

Protanopia

67.8287, 68.5785, 104.2698

Deuteranopia

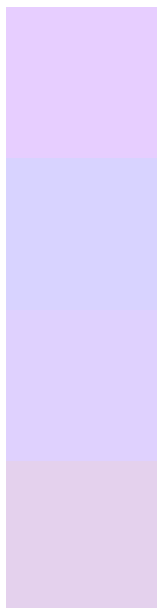
70.0971, 68.6497, 103.3221



Tritanopia

68.8379, 68.4655, 82.2601

Trichromacy



Original Color

73.0763, 68.3515, 103.9494

Protanomaly

69.6632, 68.4075, 104.1401

Deuteranomaly

71.1213, 68.4447, 103.2286

Tritanomaly

70.0814, 68.2093, 89.5928

Monochromacy



Original Color

73.0763, 68.3515, 103.9494

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

69.0435, 69.6073, 86.1405

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0763, 68.3515, 103.9494 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(231, 206, 255)` looks like.

```
.text, #text, p{  
    color:rgb(231, 206, 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(231, 206, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 206, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.0763, 68.3515, 103.9494 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(231, 206, 255) }
```


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

```
.border{ border-color:rgb(231, 206, 255) }
```

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

Here you see how a box with a 4 pixel rgb(231, 206, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 206, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 206, 255);  
box-shadow:4px 4px 4px 4px rgb(231, 206,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0763, 68.3515, 103.9494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 206, 255) }
```

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

```
.background{ background-color: rgb(231,  
206, 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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