

# Converting Colors

XYZ(73.4673, 72.0954, 95.5624)

Have a look what the booklet for  
XYZ(73.4673, 72.0954, 95.5624)  
contains.

<b>XYZ(73.5846, 72.1215, 95.6305)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(73.5846, 72.1215,  
95.6305)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7D7F4
RGB	231, 215, 244
RGB Percent	91%, 84%, 96%
CMY	0.0941, 0.1568, 0.0431
CMYK	0.05, 0.12, 0.00, 0.04
HSL	273°, 57%, 90%
HSV	273°, 12%, 96%
XYZ	73.5846, 72.1215, 95.6305
YIQ	223.0900, 0.2270, 12.4110

# Conversions

## Conversions Part 2

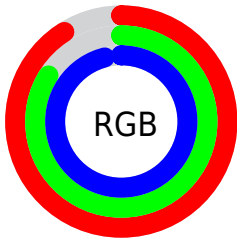
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	231, 215, 244
Decimal	15194100
CIE Lab	88.03, 10.72, -12.18
CIE LCh	88, 16.222, 311.364
Yxy	72.1215, 0.3049, 0.2988
Android (android.graphics.Color)	4293384180 (0xFFE7D7F4)
YUV	223.0900, 10.3086, 6.9371
Hunter-Lab	84.9244, 6.0476, -7.3174

# Details

The XYZ color **73.5846, 72.1215, 95.6305** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **76.6140, 86.1036, 76.8752**, and the grayscale version is **70.1340, 73.7865, 80.3535**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3271, 37.8864, 52.8170** is the 20% darker color. If you saturate the color by 10%, you get **64.4084, 58.8468, 93.5530**, and if you desaturate by 10%, it is **83.9124, 87.3692, 98.0304**.

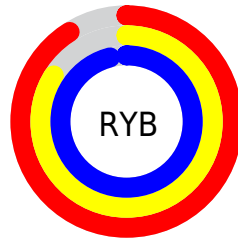
# Distribution



Red (91%)

Green (84%)

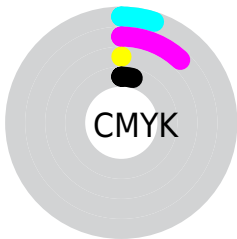
Blue (96%)



Red (91%)

Yellow (84%)

Blue (96%)

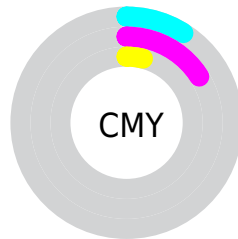


Cyan (5%)

Magenta (12%)

Yellow (0%)

Black (4%)



Cyan (9%)

Magenta (16%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 73.5846, 72.1215, 95.6305 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 73.5846, 72.1215, 95.6305 by changing the saturation by 10% instead.



73.5846, 72.1215,  
95.6305

73.5846, 72.1215,  
95.6305

462.1109,  
467.9644, 567.2173

54.7442, 53.2579,  
72.0601

123.3054,  
122.2293, 157.1384

39.4300, 38.0087,  
52.7206

154.9166,  
154.2422, 195.9130

27.2766, 25.9895,  
37.1936

191.5153,  
191.4071, 240.5928

17.9187, 16.8158,  
25.0604

233.4671,  
234.1084, 291.5962

10.9910, 10.1032,  
15.9027

281.1372,  
282.7303, 349.3418

6.1280, 5.4674,  
9.3017

334.8909,

2.9645, 2.5241,

337.6574, 414.2481

4.8390

395.0937,  
399.2739, 486.7338

■ 1.1350, 0.8886,  
2.0960

■ 0.0541, 0.0000,  
0.6134

■ 73.5846, 72.1215,  
95.6305

■ 73.5846, 72.1215,  
95.6305

■ 64.4084, 58.8468,  
93.5530

■ 83.9124, 87.3692,  
98.0304

■ 56.3324, 47.4521,  
91.7792

■ 92.5537, 98.9119,  
99.8029

■ 49.3107, 37.8506,  
90.2960

■ 93.3294, 99.3117,  
99.8392

■ 43.2915, 29.9446,  
89.0873

■ 38.2179, 23.6271,  
88.1353

■ 34.0268, 18.7782,  
87.4202

■ 30.6457, 15.2605,  
86.9194

■ 27.9886, 12.9085,  
86.6055

■ 26.2584, 11.6504,  
86.4539

# Harmonies

## Analogous

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



70.0258, 72.1215, 101.3256



73.5846, 72.1215, 95.6305



75.8439, 72.1215, 85.5358

# Triad

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



73.5846, 72.1215, 95.6305



70.9544, 72.1215, 60.0182



61.5107, 72.1215, 82.8020

# Complementary

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



73.5846, 72.1215, 95.6305



76.6140, 86.1036, 76.8752

# Split Complementary

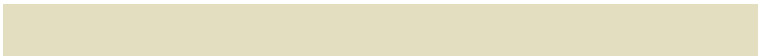
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.7382, 72.1215, 71.9139



73.5846, 72.1215, 95.6305



67.0937, 72.1215, 59.4354

# Square

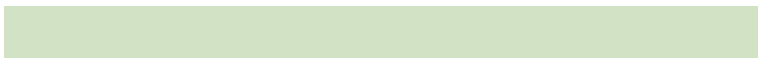
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.5846, 72.1215, 95.6305



74.2864, 72.1215, 65.2716



63.7492, 72.1215, 63.5968



63.1155, 72.1215, 93.4678



# Rectangle

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



73.5846, 72.1215, 95.6305



76.2597, 72.1215, 78.0219



63.7492, 72.1215, 63.5968



61.3770, 72.1215, 79.0364

# Sweetspot

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



73.5867, 72.1246, 95.6321



90.2195, 92.8069, 107.7662



72.1134, 76.4959, 96.5535



19.1213, 19.5836, 23.0222



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.



73.5867, 72.1246, 95.6321



79.0547, 76.3896, 105.1858



77.7205, 74.2810, 94.6808



16.4553, 16.3773, 20.8364



14.4375, 6.4171, 47.0157



1.3871, 0.6250, 4.1378



# Inverse Universe

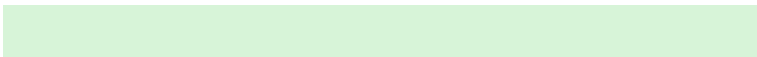
The Inverse Universe completely reimagines the original color for something new.



75.6148, 73.4387, 83.5921



81.6894, 78.0955, 89.5970



72.8306, 84.1316, 77.6751



16.8079, 16.6060, 18.7351



21.8651, 11.0895, 9.2641

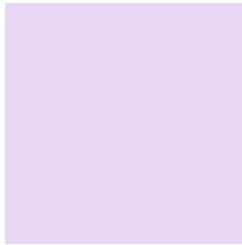


1.9727, 0.9951, 1.0827



# Previews

## White Background



This preview shows how the XYZ color 73.5846, 72.1215, 95.6305 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

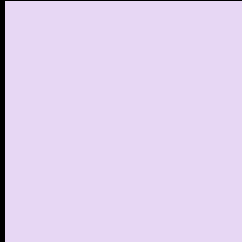
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 73.5846, 72.1215, 95.6305 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

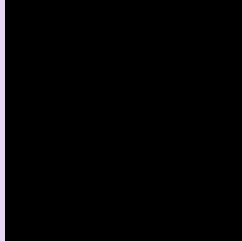
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

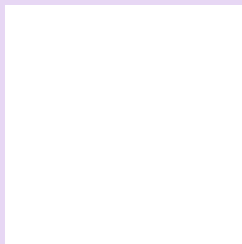
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 73.5846, 72.1215, 95.6305

## Background



This preview shows how black text looks on a background with the XYZ color 73.5846, 72.1215, 95.6305.



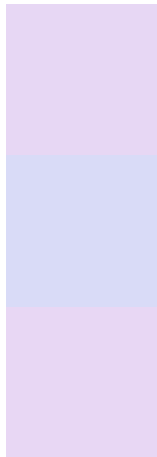
This preview shows how white text looks on a background with the XYZ color 73.5846, 72.1215,

95.6305.

# 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

73.5846, 72.1215, 95.6305

### Protanopia

70.7353, 72.1301, 98.1900

### Deuteranopia

73.9083, 72.2883, 95.6456



## Tritanopia

71.9772, 72.2242, 87.9890

# Trichromacy



## Original Color

73.5846, 72.1215, 95.6305

## Protanomaly

71.8302, 72.3262, 97.3633

## Deuteranomaly

73.9083, 72.2883, 95.6456

## Tritanomaly

72.6216, 72.1078, 90.9795

# Monochromacy



## Original Color

73.5846, 72.1215, 95.6305

## Achromatopsia

70.1384, 73.7910, 80.3584

## Achromatomaly

71.3810, 73.1247, 85.9536

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 73.5846, 72.1215, 95.6305 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, 215, 244)` looks like.

```
.text, #text, p{  
    color:rgb(231, 215, 244)  
}
```

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, 215, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 215, 244) }
```

## Border

The CSS property to change the border of an element to XYZ 73.5846, 72.1215, 95.6305 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, 215, 244) }
```



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

```
.border{ border-color:rgb(231, 215, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 215, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 215, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 215, 244);  
box-shadow:4px 4px 4px 4px rgb(231, 215,  
244) }
```

# Background

The CSS property to change the background color of an element to XYZ 73.5846, 72.1215, 95.6305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 215, 244) }
```

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

```
.background{ background-color: rgb(231,  
215, 244) }
```

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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