

Converting Colors

XYZ(70.5244, 71.2770, 88.3422)

Have a look what the booklet for
XYZ(70.5244, 71.2770, 88.3422)
contains.

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Color

**XYZ(70.8596, 71.6314,
88.6888)**

Conversions

Conversions Part 1

Format	Color
Hex	E1D9EB
RGB	225, 217, 235
RGB Percent	88%, 85%, 92%
CMY	0.1176, 0.1490, 0.0784
CMYK	0.04, 0.08, 0.00, 0.08
HSL	267°, 31%, 89%
HSV	267°, 8%, 92%
XYZ	70.8596, 71.6314, 88.6888
YIQ	221.4440, -1.0100, 7.2940

Conversions

Conversions Part 2

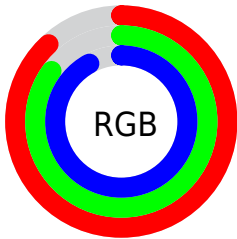
Format	Color
R _Y B	225, 217, 235
Decimal	14801387
CIE Lab	87.79, 6.00, -7.83
CIE LCh	88, 9.865, 307.456
Yxy	71.6314, 0.3065, 0.3099
Android (android.graphics.Color)	4292991467 (0xFFE1D9EB)
YUV	221.4440, 6.6831, 3.1186
Hunter-Lab	84.6353, 1.3345, -2.8849

Details

The XYZ color **70.8596, 71.6314, 88.6888** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.9139, 80.7592, 77.3416**, and the grayscale version is **68.9960, 72.5892, 79.0496**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.6346, 37.6414, 47.9298** is the 20% darker color. If you saturate the color by 10%, you get **61.3126, 58.3506, 86.6296**, and if you desaturate by 10%, it is **81.5846, 86.8038, 91.0532**.

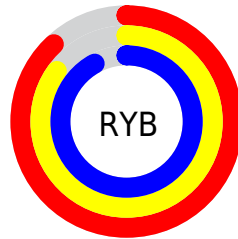
Distribution



Red (88%)

Green (85%)

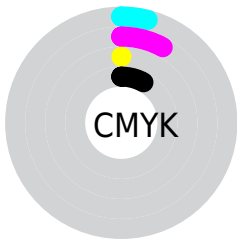
Blue (92%)



Red (88%)

Yellow (85%)

Blue (92%)

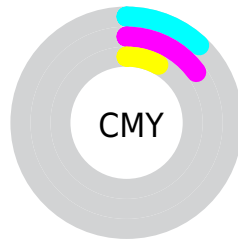


Cyan (4%)

Magenta (8%)

Yellow (0%)

Black (8%)



Cyan (12%)

Magenta (15%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.8596, 71.6314, 88.6888 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 70.8596, 71.6314, 88.6888 by changing the saturation by 10% instead.

70.8596, 71.6314,
88.6888

70.8596, 71.6314,
88.6888

452.7820,
466.2576, 544.2159

52.5097, 52.8576,
66.3261

119.4534,
121.5323, 147.4353

37.6375, 37.6891,
48.0790

150.4280,
153.4283, 184.6562

25.8774, 25.7415,
33.5290

186.3417,
190.4671, 227.6668

16.8641, 16.6304,
22.2576

227.5596,
233.0331, 276.8858

10.2324, 9.9713,
13.8462

274.4473,
281.5108, 332.7317

5.6167, 5.3799,
7.8762

327.3700,

2.6519, 2.4719,

336.2845, 395.6229

3.9292

386.6931,
397.7387, 465.9782

■ 0.9725, 0.8625,
1.5866

■ 0.0000, 0.0000,
0.2812

■ 70.8596, 71.6314,
88.6888

■ 70.8596, 71.6314,
88.6888

■ 61.3126, 58.3506,
86.6296

■ 81.5846, 86.8038,
91.0532

■ 52.8942, 46.8761,
84.8585

■ 90.5816, 98.0493,
92.7496

■ 45.5605, 37.1296,
83.3638

■ 91.9956, 98.7782,
92.8158

■ 39.2620, 29.0234,
82.1311

■ 33.9452, 22.4618,
81.1448

■ 29.5511, 17.3389,
80.3876

■ 26.0136, 13.5347,
79.8397

■ 23.2558, 10.9089,
79.4783

■ 21.1768, 9.2734,
79.2722

Harmonies

Analogous

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



68.6697, 71.6314, 91.4966



70.8596, 71.6314, 88.6888



72.3287, 71.6314, 83.0451

Triad

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



70.8596, 71.6314, 88.6888



69.8249, 71.6314, 66.6770



63.7144, 71.6314, 79.6804

Complementary

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



70.8596, 71.6314, 88.6888



73.9139, 80.7592, 77.3416

Split Complementary

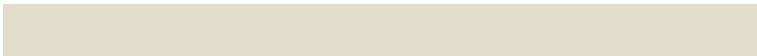
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.0077, 71.6314, 73.1528



70.8596, 71.6314, 88.6888



67.5007, 71.6314, 65.8905

Square

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



70.8596, 71.6314, 88.6888



71.7219, 71.6314, 70.4096



65.3809, 71.6314, 68.1963



64.5703, 71.6314, 86.1052

Rectangle

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



70.8596, 71.6314, 88.6888



72.6830, 71.6314, 78.5683



65.3809, 71.6314, 68.1963



63.6822, 71.6314, 77.4234

Sweetspot

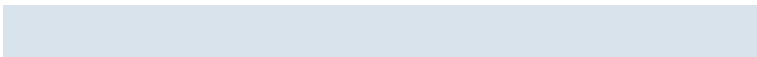
The Sweet Spot groups the original color and five complimentary colors.



70.8617, 71.6345, 88.6904



92.4096, 96.2556, 108.3164



71.1371, 75.8001, 89.4799



19.8072, 20.6419, 23.1903



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.



70.8617, 71.6345, 88.6904



83.6238, 83.8825, 106.3912



73.6764, 73.0855, 88.8221



14.8666, 14.8765, 19.0101



11.6920, 5.0634, 44.1041



1.0272, 0.4538, 3.4683

Inverse Universe

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



72.9414, 72.8371, 82.8910



86.5619, 85.5819, 98.1846



71.2086, 79.3645, 77.2150



15.4158, 15.1942, 17.4751



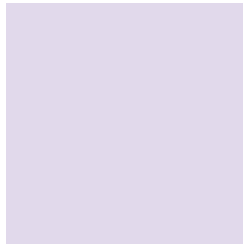
21.3972, 10.7616, 13.1589



1.7285, 0.8644, 1.2877

Previews

White Background



This preview shows how the XYZ color 70.8596, 71.6314, 88.6888 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 70.8596, 71.6314, 88.6888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

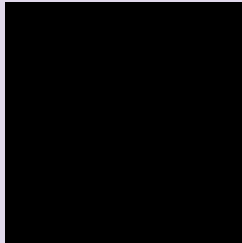
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.8596, 71.6314, 88.6888

Background



This preview shows how black text looks on a background with the XYZ color 70.8596, 71.6314, 88.6888.

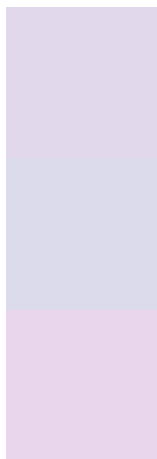


This preview shows how white text looks on a background with the XYZ color 70.8596, 71.6314,

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

70.8596, 71.6314, 88.6888

Protanopia

69.6853, 71.7792, 89.5389

Deuteranopia

73.1186, 71.6417, 89.3313



Tritanopia

70.7155, 71.5738, 87.9299

Trichromacy



Original Color

70.8596, 71.6314, 88.6888

Protanomaly

70.0305, 71.5711, 89.4805

Deuteranomaly

72.3958, 71.6459, 89.3703

Tritanomaly

70.7155, 71.5738, 87.9299

Monochromacy



Original Color

70.8596, 71.6314, 88.6888

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.4449, 72.2070, 82.2287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.8596, 71.6314, 88.6888 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(225, 217, 235) looks like.

```
.text, #text, p{  
    color:rgb(225, 217, 235)  
}
```

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(225, 217, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 217, 235) }
```

Border

The CSS property to change the border of an element to XYZ 70.8596, 71.6314, 88.6888 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(225, 217, 235) }
```


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

```
.border{ border-color:rgb(225, 217, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 217, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 217, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 217, 235);  
box-shadow:4px 4px 4px 4px rgb(225, 217,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 70.8596, 71.6314, 88.6888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 217, 235) }
```

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

```
.background{ background-color: rgb(225,  
217, 235) }
```

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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