

Converting Colors

XYZ(70.0483, 72.8048, 88.7335)

Have a look what the booklet for
XYZ(70.0483, 72.8048, 88.7335)
contains.

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Color

**XYZ(70.0653, 72.7711,
88.9507)**

Conversions

Conversions Part 1

Format	Color
Hex	DBDDEB
RGB	219, 221, 235
RGB Percent	86%, 87%, 92%
CMY	0.1412, 0.1333, 0.0784
CMYK	0.07, 0.06, 0.00, 0.08
HSL	232°, 29%, 89%
HSV	232°, 7%, 92%
XYZ	70.0653, 72.7711, 88.9507
YIQ	221.9980, -5.6860, 3.9300

Conversions

Conversions Part 2

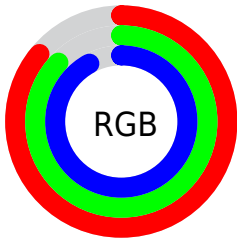
Format	Color
R _Y B	219, 221, 235
Decimal	14409195
CIE Lab	88.34, 1.94, -7.07
CIE LCh	88, 7.332, 285.336
Yxy	72.7711, 0.3023, 0.3140
Android (android.graphics.Color)	4292599275 (0xFFDBDDEB)
YUV	221.9980, 6.4100, -2.6292
Hunter-Lab	85.3060, -2.6761, -2.1090

Details

The XYZ color **70.0653, 72.7711, 88.9507** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.1864, 81.0540, 78.6488**, and the grayscale version is **69.3906, 73.0043, 79.5017**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.0827, 38.4196, 48.1091** is the 20% darker color. If you saturate the color by 10%, you get **58.3891, 59.1832, 86.9445**, and if you desaturate by 10%, it is **83.4085, 88.2090, 91.2284**.

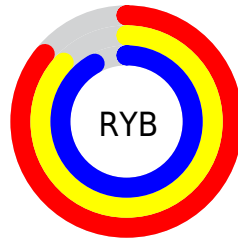
Distribution



Red (86%)

Green (87%)

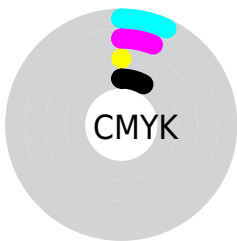
Blue (92%)



Red (86%)

Yellow (87%)

Blue (92%)

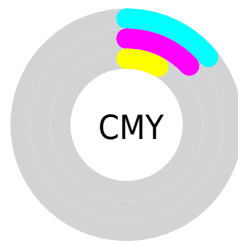


Cyan (7%)

Magenta (6%)

Yellow (0%)

Black (8%)



Cyan (14%)

Magenta (13%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.0653, 72.7711, 88.9507 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 70.0653, 72.7711, 88.9507 by changing the saturation by 10% instead.

■ 70.0653, 72.7711,
88.9507

■ 70.0653, 72.7711,
88.9507

450.0421,
470.2211, 545.0934

■ 51.8596, 53.7888,
66.5419

118.3276,
123.1522, 147.8028

■ 37.1170, 38.4328,
48.2532

149.1149,
155.3198, 185.0831

■ 25.4722, 26.3188,
33.6660

184.8268,
192.6513, 228.1577

■ 16.5598, 17.0623,
22.3619

225.8286,
235.5311, 277.4451

■ 10.0145, 10.2789,
13.9222

272.4857,
284.3436, 333.3638

■ 5.4709, 5.5843,
7.9284

325.1634,

■ 2.5637, 2.5940,

339.4732, 396.3324

3.9621

384.2271,
401.3042, 466.7694

■ 0.9275, 0.9236,
1.6046

■ 0.0000, 0.0000,
0.2941

■ 70.0653, 72.7711,
88.9507

■ 70.0653, 72.7711,
88.9507

■ 58.3891, 59.1832,
86.9445

■ 83.4085, 88.2090,
91.2284

■ 48.3080, 47.3667,
85.1950

■ 91.9956, 98.7782,
92.8159

■ 39.7543, 37.2511,
83.6933

■ 32.6530, 28.7577,
82.4282

■ 26.9224, 21.8014,
81.3875

■ 22.4732, 16.2891,
80.5581

■ 19.2047, 12.1179,
79.9252

■ 17.0012, 9.1705,
79.4725

■ 15.7198, 7.3073,
79.1804

Harmonies

Analogous

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



68.3139, 72.7711, 88.9825



70.0653, 72.7711, 88.9507



71.6008, 72.7711, 86.2427

Triad

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



70.0653, 72.7711, 88.9507



71.5721, 72.7711, 72.5425



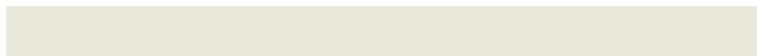
65.9454, 72.7711, 76.8080

Complementary

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



70.0653, 72.7711, 88.9507



76.1864, 81.0540, 78.6488

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.



66.7885, 72.7711, 72.6183



70.0653, 72.7711, 88.9507



70.0267, 72.7711, 70.2274

Square

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



70.0653, 72.7711, 88.9507



72.4807, 72.7711, 76.7006



68.2759, 72.7711, 70.2545



65.9554, 72.7711, 81.8254

Rectangle

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



70.0653, 72.7711, 88.9507



72.2868, 72.7711, 83.3474



68.2759, 72.7711, 70.2545



66.1378, 72.7711, 75.2608

Sweetspot

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



70.0674, 72.7742, 88.9523



91.7917, 96.2319, 108.3444



73.6120, 80.3536, 88.6222



19.6813, 20.6371, 23.1960



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.



70.0674, 72.7742, 88.9523



82.5078, 85.4717, 106.7568



71.3380, 72.6488, 88.8611



14.3831, 14.8527, 19.0310



8.6454, 3.9378, 44.0474



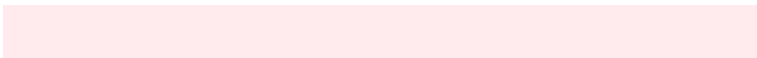
0.7281, 0.4077, 3.4752

Inverse Universe

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



72.6453, 73.5472, 78.7773



86.1425, 86.5713, 92.4084



74.8514, 81.2124, 78.7497



15.1422, 15.0847, 16.0341



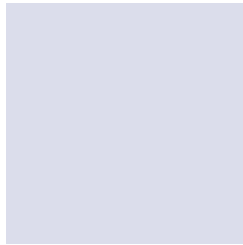
19.2191, 9.8903, 1.6892



1.5340, 0.7866, 0.2635

Previews

White Background



This preview shows how the XYZ color 70.0653, 72.7711, 88.9507 looks on a white background.

Color Contrast Check

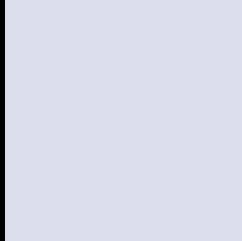
Large Text (above 18pt) WCAG AA × Fail

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 70.0653, 72.7711, 88.9507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

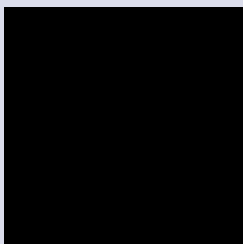
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

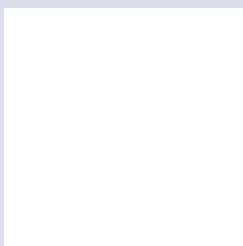
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.0653, 72.7711, 88.9507

Background



This preview shows how black text looks on a background with the XYZ color 70.0653, 72.7711, 88.9507.

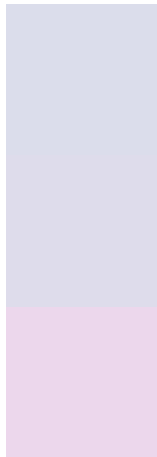


This preview shows how white text looks on a background with the XYZ color 70.0653, 72.7711,

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

70.0653, 72.7711, 88.9507

Protanopia

70.7128, 72.7142, 88.9055

Deuteranopia

74.0328, 72.4899, 89.4469



Tritanopia

70.5025, 72.9460, 91.2530

Trichromacy



Original Color

70.0653, 72.7711, 88.9507

Protanomaly

70.4074, 72.5567, 88.8912

Deuteranomaly

72.5863, 72.5048, 89.5260

Tritanomaly

70.3559, 72.8874, 90.4813

Monochromacy



Original Color

70.0653, 72.7711, 88.9507

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.8052, 73.1608, 83.1154

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.0653, 72.7711, 88.9507 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(219, 221, 235) looks like.

```
.text, #text, p{  
    color:rgb(219, 221, 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(219, 221, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 221, 235) }
```

Border

The CSS property to change the border of an element to XYZ 70.0653, 72.7711, 88.9507 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(219, 221, 235) }
```


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

```
.border{ border-color:rgb(219, 221, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 221, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 221, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 221, 235);  
box-shadow:4px 4px 4px 4px rgb(219, 221,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 70.0653, 72.7711, 88.9507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 221, 235) }
```

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

```
.background{ background-color: rgb(219,  
221, 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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