

Converting Colors

XYZ(70.9297, 76.6827, 78.0807)

Have a look what the booklet for
XYZ(70.9297, 76.6827, 78.0807)
contains.

XYZ(70.9297, 76.6827, 78.0807)	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(70.9297, 76.6827,
78.0807)**

Conversions

Conversions Part 1

Format	Color
Hex	DEE5DB
RGB	222, 229, 219
RGB Percent	87%, 90%, 86%
CMY	0.1294, 0.1019, 0.1412
CMYK	0.03, 0.00, 0.04, 0.10
HSL	102°, 16%, 88%
HSV	102°, 4%, 90%
XYZ	70.9297, 76.6827, 78.0807
YIQ	225.7670, -0.9620, -4.5940

Conversions

Conversions Part 2

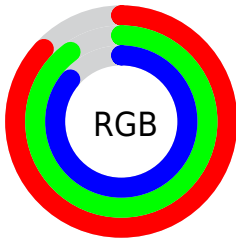
Format	Color
R _Y B	219, 229, 226
Decimal	14607835
CIE Lab	90.18, -4.13, 4.05
CIE LCh	90, 5.780, 135.586
Yxy	76.6827, 0.3143, 0.3398
Android (android.graphics.Color)	4292797915 (0xFFDEE5DB)
YUV	225.7670, -3.3361, -3.3037
Hunter-Lab	87.5687, -8.6620, 8.4321

Details

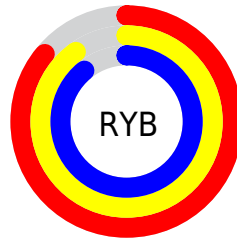
The XYZ color **70.9297, 76.6827, 78.0807** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.8414, 72.4910, 84.3911**, and the grayscale version is **72.1461, 75.9033, 82.6587**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.7732, 41.1679, 41.0773** is the 20% darker color. If you saturate the color by 10%, you get **63.4408, 73.1489, 63.0604**, and if you desaturate by 10%, it is **79.3048, 80.6298, 95.3107**.

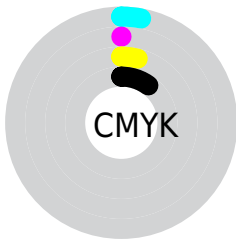
Distribution



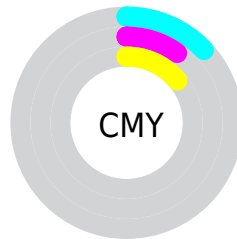
- Red (87%)
- Green (90%)
- Blue (86%)



- Red (86%)
- Yellow (90%)
- Blue (89%)



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (10%)



- Cyan (13%)
- Magenta (10%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.9297, 76.6827, 78.0807 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 70.9297, 76.6827, 78.0807 by changing the saturation by 10% instead.

■ 70.9297, 76.6827,
78.0807

■ 70.9297, 76.6827,
78.0807

453.0233,
483.6815, 507.9760

■ 52.5672, 56.9925,
57.6234

119.5527,
128.6915, 132.4508

■ 37.6834, 40.9992,
41.0933

150.5438,
161.7788, 167.2007

■ 25.9132, 28.3185,
28.0717

186.4752,
200.1007, 207.5519

■ 16.8910, 18.5659,
18.1402

227.7122,
244.0415, 253.9229

■ 10.2517, 11.3570,
10.8802

274.6202,
293.9856, 306.7323

■ 5.6297, 6.3075,
5.8732

327.5644,

■ 2.6597, 3.0329,

350.3173, 366.3985

2.7006

386.9104,
413.4212, 433.3403

■ 0.9765, 1.1490,
0.9437

■ 0.0000, 0.0194,
0.0000

■ 70.9297, 76.6827,
78.0807

■ 70.9297, 76.6827,
78.0807

■ 63.4408, 73.1489,
63.0604

■ 79.3048, 80.6298,
95.3107

■ 56.8018, 70.0052,
50.1556

■ 86.9690, 84.3454,
106.3043

■ 50.9834, 67.2406,
39.2726

■ 87.3108, 84.5216,
106.3203

■ 45.9520, 64.8400,
30.3089

■ 41.6717, 62.7873,
23.1528

■ 38.1032, 61.0651,
17.6813

■ 35.2037, 59.6543,
13.7557

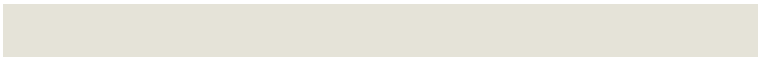
■ 32.9248, 58.5333,
11.2156

■ 31.2100, 57.6774,
9.8652

Harmonies

Analogous

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



72.1451, 76.6827, 76.1055



70.9297, 76.6827, 78.0807



70.2425, 76.6827, 81.5410

Triad

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



70.9297, 76.6827, 78.0807



72.1993, 76.6827, 91.3913



75.5772, 76.6827, 81.3873

Complementary

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



70.9297, 76.6827, 78.0807



70.8414, 72.4910, 84.3911

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.



75.5922, 76.6827, 85.4787



70.9297, 76.6827, 78.0807



73.6291, 76.6827, 91.3468

Square

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



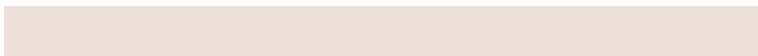
70.9297, 76.6827, 78.0807



70.9689, 76.6827, 89.2723



74.8751, 76.6827, 89.1528



74.8345, 76.6827, 77.9714

Rectangle

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



70.9297, 76.6827, 78.0807



70.1705, 76.6827, 84.2667



74.8751, 76.6827, 89.1528



75.6678, 76.6827, 82.7269

Sweetspot

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



70.9318, 76.6860, 78.0824



93.9883, 99.4998, 106.7215



72.2988, 76.1685, 77.9104



20.1286, 21.3023, 22.8657



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.



70.9318, 76.6860, 78.0824



89.8563, 97.5519, 98.2949



70.2862, 76.3225, 79.4356



15.2235, 16.5948, 16.5505



17.5160, 32.8113, 5.4100



1.3856, 2.4717, 0.4041

Inverse Universe

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



70.8414, 72.4910, 84.3911



89.7240, 91.4153, 107.5237



71.5126, 72.8691, 82.9725



15.1981, 15.4186, 18.3194



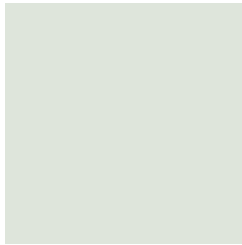
16.5401, 7.5926, 42.9769



1.3149, 0.6088, 3.1802

Previews

White Background



This preview shows how the XYZ color 70.9297, 76.6827, 78.0807 looks on a white background.

Color Contrast Check

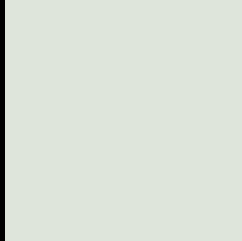
Large Text (above 18pt) WCAG AA × Fail

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 70.9297, 76.6827, 78.0807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

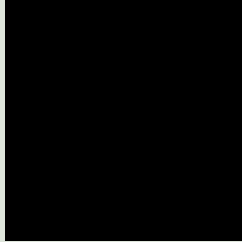
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

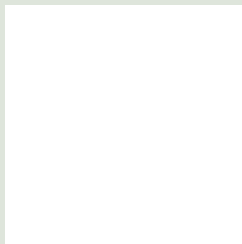
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.9297, 76.6827, 78.0807

Background



This preview shows how black text looks on a background with the XYZ color 70.9297, 76.6827, 78.0807.

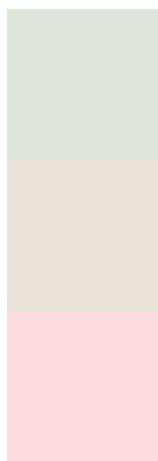


This preview shows how white text looks on a background with the XYZ color 70.9297, 76.6827,

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

70.9297, 76.6827, 78.0807

Protanopia

73.3250, 76.7261, 76.5906

Deuteranopia

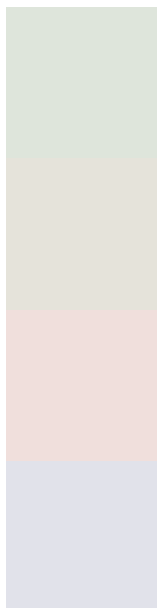
78.1663, 76.3927, 79.0321



Tritanopia

74.4669, 76.4902, 95.6333

Trichromacy



Original Color

70.9297, 76.6827, 78.0807

Protanomaly

72.4371, 76.6581, 77.3083

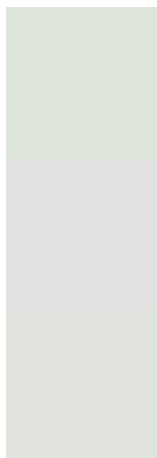
Deuteranomaly

75.2411, 76.4679, 78.5043

Tritanomaly

73.0990, 76.3408, 88.7244

Monochromacy



Original Color

70.9297, 76.6827, 78.0807

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

71.8397, 76.2734, 80.7479

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.9297, 76.6827, 78.0807 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(222, 229, 219) looks like.

```
.text, #text, p{  
    color:rgb(222, 229, 219)  
}
```

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(222, 229, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 229, 219) }
```

Border

The CSS property to change the border of an element to XYZ 70.9297, 76.6827, 78.0807 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(222, 229, 219) }
```


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

```
.border{ border-color:rgb(222, 229, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 229, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 229, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 229, 219); box-shadow:4px 4px 4px 4px rgb(222, 229, 219) }
```

Background

The CSS property to change the background color of an element to XYZ 70.9297, 76.6827, 78.0807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 229, 219) }
```

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

```
.background{ background-color: rgb(222,  
229, 219) }
```

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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