

Converting Colors

XYZ(71.9608, 79.0341, 77.9616)

Have a look what the booklet for
XYZ(71.9608, 79.0341, 77.9616)
contains.

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Color

**XYZ(71.9180, 78.8694,
77.7625)**

Conversions

Conversions Part 1

Format	Color
Hex	DEE9DA
RGB	222, 233, 218
RGB Percent	87%, 91%, 85%
CMY	0.1294, 0.0863, 0.1451
CMYK	0.05, 0.00, 0.06, 0.09
HSL	104°, 25%, 88%
HSV	104°, 6%, 91%
XYZ	71.9180, 78.8694, 77.7625
YIQ	228.0010, -1.7410, -6.9970

Conversions

Conversions Part 2

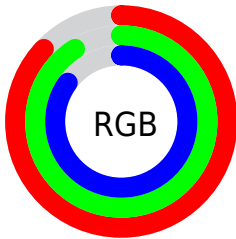
Format	Color
R _Y B	218, 233, 229
Decimal	14608858
CIE Lab	91.18, -6.34, 6.01
CIE LCh	91, 8.739, 136.526
Yxy	78.8694, 0.3147, 0.3451
Android (android.graphics.Color)	4292798938 (0xFFDEE9DA)
YUV	228.0010, -4.9305, -5.2629
Hunter-Lab	88.8084, -10.8636, 10.2504

Details

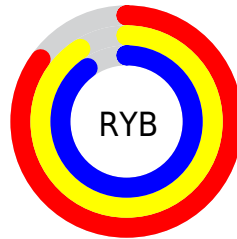
The XYZ color **71.9180, 78.8694, 77.7625** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **72.0956, 72.6862, 87.3249**, and the grayscale version is **73.7813, 77.6236, 84.5321**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.2693, 42.3041, 40.7988** is the 20% darker color. If you saturate the color by 10%, you get **64.1096, 75.1742, 62.5839**, and if you desaturate by 10%, it is **80.6901, 83.0164, 95.2270**.

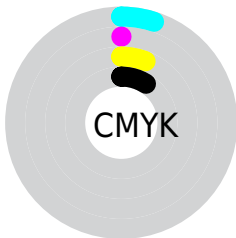
Distribution



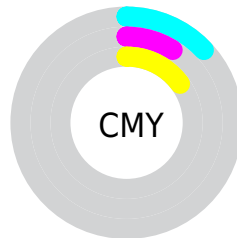
- Red (87%)
- Green (91%)
- Blue (85%)



- Red (85%)
- Yellow (91%)
- Blue (90%)



- Cyan (5%)
- Magenta (0%)
- Yellow (6%)
- Black (9%)



- Cyan (13%)
- Magenta (9%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.9180, 78.8694, 77.7625 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 71.9180, 78.8694, 77.7625 by changing the saturation by 10% instead.

■ 71.9180, 78.8694,
77.7625

■ 71.9180, 78.8694,
77.7625

456.4182,
491.1144, 506.8664

■ 53.3769, 58.7884,
57.3636

120.9514,
131.7750, 131.9981

■ 38.3324, 42.4428,
40.8859

152.1744,
165.3684, 166.6719

■ 26.4192, 29.4482,
27.9109

188.3554,
204.2348, 206.9410

■ 17.2718, 19.4201,
18.0201

229.8598,
248.7584, 253.2241

■ 10.5250, 11.9743,
10.7948

277.0529,
299.3239, 305.9396

■ 5.8133, 6.7261,
5.8166

330.3001,

■ 2.7715, 3.2914,

356.3154, 365.5062

2.6669

389.9668,
420.1174, 432.3423

■ 1.0341, 1.2857,
0.9267

■ 0.0000, 0.1301,
0.0000

■ 71.9180, 78.8694,
77.7625

■ 71.9180, 78.8694,
77.7625

■ 64.1096, 75.1742,
62.5839

■ 80.6901, 83.0164,
95.2270

■ 57.2248, 71.9054,
49.5917

■ 88.4305, 86.7609,
106.6935

■ 51.2303, 69.0503,
38.6864

■ 46.0881, 66.5917,
29.7593

■ 41.7577, 64.5112,
22.6915

■ 38.1946, 62.7888,
17.3515

■ 35.3499, 61.4026,
13.5904

■ 33.1682, 60.3278,
11.2343

■ 31.5836, 59.5352,
10.0651

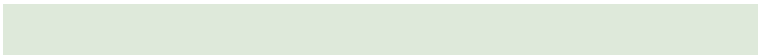
Harmonies

Analogous

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



73.7594, 78.8694, 74.7166



71.9180, 78.8694, 77.7625



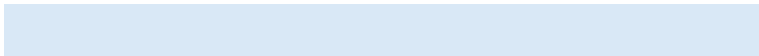
70.9016, 78.8694, 83.0677

Triad

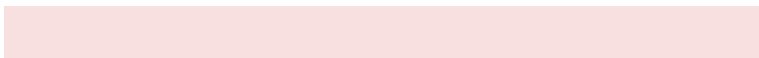
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.9180, 78.8694, 77.7625



73.9761, 78.8694, 98.2769



79.1158, 78.8694, 82.4562

Complementary

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



71.9180, 78.8694, 77.7625



72.0956, 72.6862, 87.3249

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.



79.1766, 78.8694, 88.7456



71.9180, 78.8694, 77.7625



76.1796, 78.8694, 98.0933

Square

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



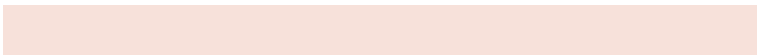
71.9180, 78.8694, 77.7625



72.0739, 78.8694, 95.0237



78.0928, 78.8694, 94.5337



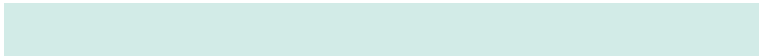
77.9282, 78.8694, 77.3339

Rectangle

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



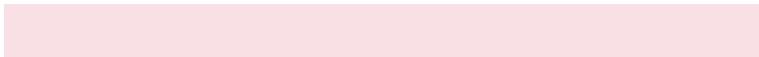
71.9180, 78.8694, 77.7625



70.8153, 78.8694, 87.2675



78.0928, 78.8694, 94.5337



79.2695, 78.8694, 84.4981

Sweetspot

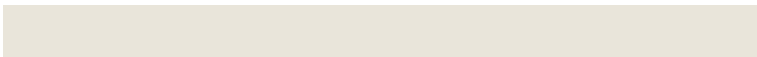
The Sweet Spot groups the original color and five complimentary colors.



71.9202, 78.8728, 77.7642



92.8769, 98.9733, 104.5689



74.2817, 78.4277, 77.5538



19.9023, 21.1951, 22.4274



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

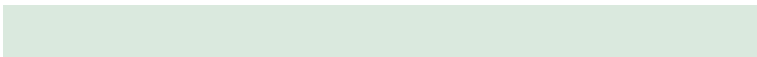
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.9202, 78.8728, 77.7642



86.6458, 96.0270, 92.2630



71.1727, 78.4339, 80.1463



15.2450, 17.0563, 16.0074



17.7654, 33.7029, 5.5690



1.4837, 2.6922, 0.4414

Inverse Universe

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



72.0956, 72.6862, 87.3249



86.9115, 86.6510, 106.7523



72.8914, 73.1536, 84.7770



15.3004, 15.1001, 19.0304



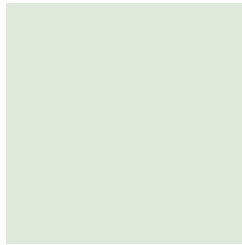
17.9849, 8.3075, 44.3986



1.5025, 0.6989, 3.4906

Previews

White Background



This preview shows how the XYZ color 71.9180, 78.8694, 77.7625 looks on a white background.

Color Contrast Check

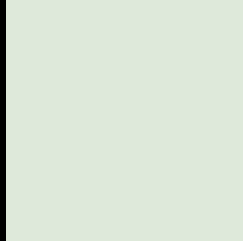
Large Text (above 18pt) WCAG AA × Fail

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 71.9180, 78.8694, 77.7625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

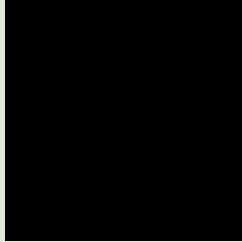
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

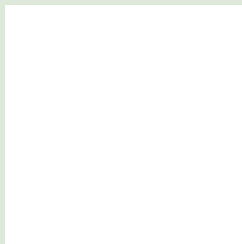
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.9180, 78.8694, 77.7625

Background



This preview shows how black text looks on a background with the XYZ color 71.9180, 78.8694, 77.7625.



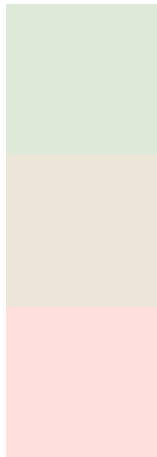
This preview shows how white text looks on a background with the XYZ color 71.9180, 78.8694,

77.7625.

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

71.9180, 78.8694, 77.7625

Protanopia

75.3390, 79.0010, 76.2437

Deuteranopia

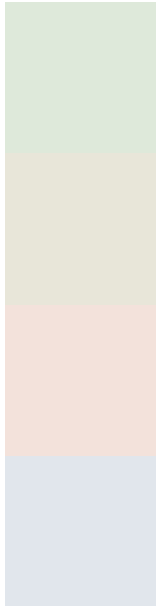
80.2795, 78.6699, 78.6638



Tritanopia

76.1718, 78.9228, 99.2146

Trichromacy



Original Color

71.9180, 78.8694, 77.7625

Protanomaly

74.0999, 78.7592, 76.9422

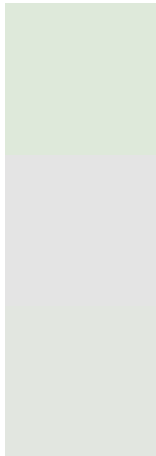
Deuteranomaly

76.9447, 78.5619, 78.1264

Tritanomaly

74.4885, 78.6573, 90.6133

Monochromacy



Original Color

71.9180, 78.8694, 77.7625

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.1154, 78.1442, 81.7508

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9180, 78.8694, 77.7625 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, 233, 218) looks like.

```
.text, #text, p{  
    color:rgb(222, 233, 218)  
}
```

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, 233, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 233, 218) }
```

Border

The CSS property to change the border of an element to XYZ 71.9180, 78.8694, 77.7625 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, 233, 218) }
```


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

```
.border{ border-color:rgb(222, 233, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 233, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 233, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 233, 218);  
box-shadow:4px 4px 4px 4px rgb(222, 233,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 71.9180, 78.8694, 77.7625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 233, 218) }
```

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

```
.background{ background-color: rgb(222,  
233, 218) }
```

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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