

Converting Colors

XYZ(71.9834, 73.7768, 78.4677)

Have a look what the booklet for
XYZ(71.9834, 73.7768, 78.4677)
contains.

XYZ(71.7902, 73.5095, 78.1152)	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(71.7902, 73.5095,
78.1152)**

Conversions

Conversions Part 1

Format	Color
Hex	E8DCDC
RGB	232, 220, 220
RGB Percent	91%, 86%, 86%
CMY	0.0902, 0.1372, 0.1372
CMYK	0.00, 0.05, 0.05, 0.09
HSL	0°, 21%, 89%
HSV	0°, 5%, 91%
XYZ	71.7902, 73.5095, 78.1152
YIQ	223.5880, 7.1520, 2.5440

Conversions

Conversions Part 2

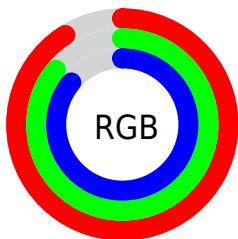
Format	Color
R _Y B	232, 220, 220
Decimal	15260892
CIE Lab	88.69, 4.10, 1.46
CIE LCh	89, 4.351, 19.580
Yxy	73.5095, 0.3213, 0.3290
Android (android.graphics.Color)	4293450972 (0xFFE8DCDC)
YUV	223.5880, -1.7689, 7.3773
Hunter-Lab	85.7377, -0.5786, 5.9975

Details

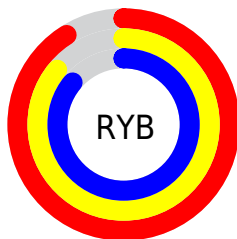
The XYZ color **71.7902, 73.5095, 78.1152** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.9373, 78.7540, 87.7018**, and the grayscale version is **70.5680, 74.2430, 80.8506**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.1512, 38.8570, 41.0867** is the 20% darker color. If you saturate the color by 10%, you get **63.2582, 61.0257, 61.1492**, and if you desaturate by 10%, it is **81.5972, 87.8591, 97.6117**.

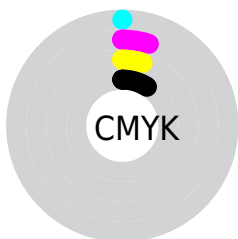
Distribution



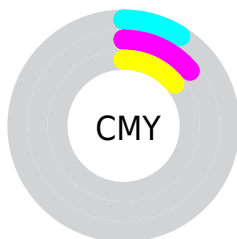
- Red (91%)
- Green (86%)
- Blue (86%)



- Red (91%)
- Yellow (86%)
- Blue (86%)



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



- Cyan (9%)
- Magenta (14%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.7902, 73.5095, 78.1152 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 71.7902, 73.5095, 78.1152 by changing the saturation by 10% instead.

71.7902, 73.5095,
78.1152

71.7902, 73.5095,
78.1152

455.9800,
472.7788, 508.0963

53.2722, 54.3927,
57.6516

120.7706,
124.2002, 132.4999

38.2484, 38.9157,
41.1158

151.9637,
156.5430, 167.2580

26.3536, 26.6941,
28.0892

188.1125,
194.0631, 207.6181

17.2225, 17.3436,
18.1533

229.5824,
237.1450, 253.9986

10.4895, 10.4798,
10.8895

276.7388,
286.1732, 306.8181

5.7895, 5.7182,
5.8793

329.9469,

2.7569, 2.6745,

341.5319, 366.4952

2.7043

389.5722,
403.6056, 433.4484

■ 1.0266, 0.9643,
0.9456

■ 0.0000, 0.0000,
0.0000

■ 71.7902, 73.5095,
78.1152

■ 71.7902, 73.5095,
78.1152

■ 63.2582, 61.0257,
61.1492

■ 81.5972, 87.8591,
97.6117

■ 55.9431, 50.3220,
46.6055

■ 87.0891, 95.8960,
108.5274

■ 49.7912, 41.3204,
34.3752

■ 44.7428, 33.9331,
24.3390

■ 40.7324, 28.0646,
16.3671

■ 37.6881, 23.6096,
10.3162

■ 35.5286, 20.4491,
6.0244

■ 34.1591, 18.4446,
3.3036

■ 33.4635, 17.4263,
1.9226

Harmonies

Analogous

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



71.8753, 73.5095, 81.0909



71.7902, 73.5095, 78.1152



71.1873, 73.5095, 75.7130

Triad

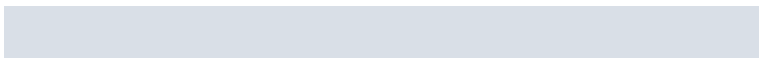
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.7902, 73.5095, 78.1152



68.3411, 73.5095, 76.3446



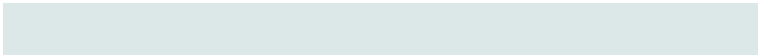
69.5036, 73.5095, 85.8683

Complementary

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



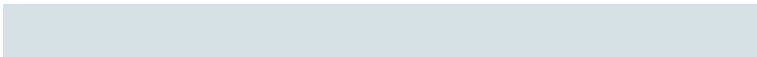
71.7902, 73.5095, 78.1152



72.9373, 78.7540, 87.7018

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.



68.5663, 73.5095, 84.5275



71.7902, 73.5095, 78.1152



67.8996, 73.5095, 78.9970

Square

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



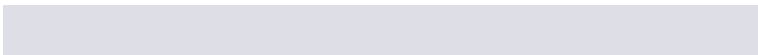
71.7902, 73.5095, 78.1152



69.1934, 73.5095, 74.7086



67.9815, 73.5095, 81.9948



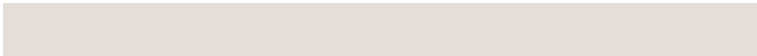
70.5481, 73.5095, 85.6178

Rectangle

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



71.7902, 73.5095, 78.1152



70.5761, 73.5095, 74.7363



67.9815, 73.5095, 81.9948



69.1658, 73.5095, 85.5875

Sweetspot

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



71.7923, 73.5127, 78.1168



92.6347, 96.4660, 104.0977



73.4385, 74.1696, 86.7905



19.8529, 20.6847, 22.3315



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

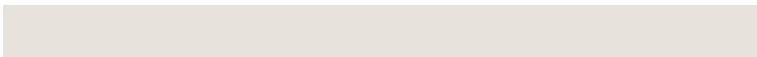
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.7923, 73.5127, 78.1168



87.9969, 89.6800, 94.8766



73.3944, 76.7169, 78.6508



14.9050, 15.1406, 15.9690



18.4757, 9.5255, 0.8648



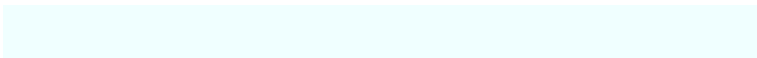
1.3654, 0.7042, 0.0640

Inverse Universe

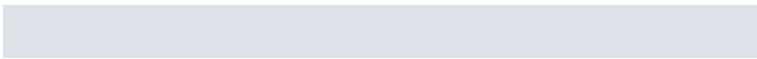
The Inverse Universe completely reimagines the original color for something new.



72.9373, 78.7540, 87.7018



89.6418, 97.2097, 108.6465



71.2781, 75.4357, 87.1487



15.2116, 16.5443, 18.5360



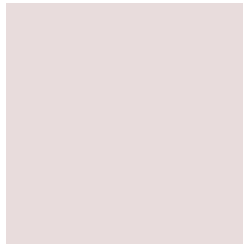
24.0948, 35.2517, 47.9175



1.7807, 2.6052, 3.5410

Previews

White Background



This preview shows how the XYZ color 71.7902, 73.5095, 78.1152 looks on a white background.

Color Contrast Check

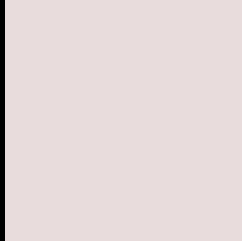
Large Text (above 18pt) WCAG AA × Fail

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 71.7902, 73.5095, 78.1152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

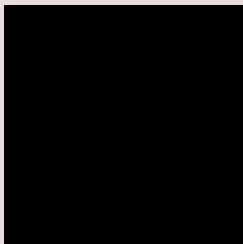
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

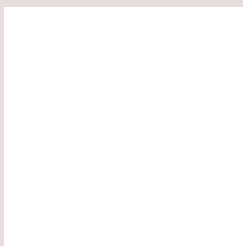
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.7902, 73.5095, 78.1152

Background



This preview shows how black text looks on a background with the XYZ color 71.7902, 73.5095, 78.1152.

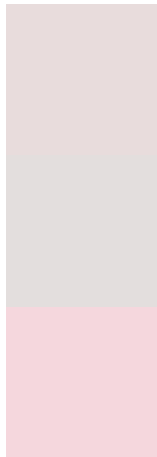


This preview shows how white text looks on a background with the XYZ color 71.7902, 73.5095,

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

71.7902, 73.5095, 78.1152

Protanopia

70.8510, 73.7939, 78.9160

Deuteranopia

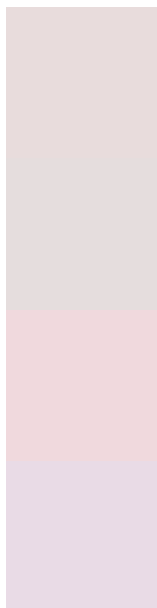
75.0078, 73.2338, 78.5888



Tritanopia

73.9985, 73.6334, 88.9098

Trichromacy



Original Color

71.7902, 73.5095, 78.1152

Protanomaly

71.2207, 73.5914, 78.8574

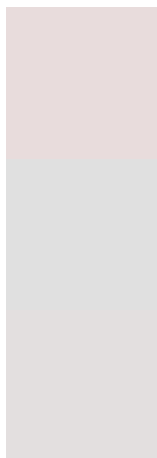
Deuteranomaly

73.7992, 73.3714, 78.6791

Tritanomaly

73.2187, 73.6998, 85.2294

Monochromacy



Original Color

71.7902, 73.5095, 78.1152

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.3855, 74.4340, 80.4168

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7902, 73.5095, 78.1152 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(232, 220, 220) looks like.

```
.text, #text, p{  
    color:rgb(232, 220, 220)  
}
```

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(232, 220, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 220, 220) }
```

Border

The CSS property to change the border of an element to XYZ 71.7902, 73.5095, 78.1152 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(232, 220, 220) }
```


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

```
.border{ border-color:rgb(232, 220, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 220, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 220, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 220, 220);  
box-shadow:4px 4px 4px 4px rgb(232, 220,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7902, 73.5095, 78.1152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 220, 220) }
```

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

```
.background{ background-color: rgb(232,  
220, 220) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor