

Converting Colors

XYZ(73.2947, 78.8026, 78.6787)

Have a look what the booklet for
XYZ(73.2947, 78.8026, 78.6787)
contains.

XYZ(73.0407, 78.5972, 78.3390)	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(73.0407, 78.5972,
78.3390)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E7DB
RGB	227, 231, 219
RGB Percent	89%, 91%, 86%
CMY	0.1098, 0.0941, 0.1412
CMYK	0.02, 0.00, 0.05, 0.09
HSL	80°, 20%, 88%
HSV	80°, 5%, 91%
XYZ	73.0407, 78.5972, 78.3390
YIQ	228.4360, 1.4680, -4.5800

Conversions

Conversions Part 2

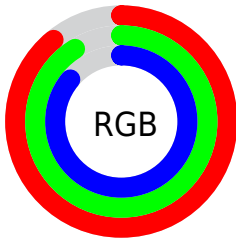
Format	Color
R _Y B	219, 231, 223
Decimal	14936027
CIE Lab	91.05, -3.45, 5.36
CIE LCh	91, 6.374, 122.779
Yxy	78.5972, 0.3176, 0.3418
Android (android.graphics.Color)	4293126107 (0xFFE3E7DB)
YUV	228.4360, -4.6519, -1.2594
Hunter-Lab	88.6551, -8.0846, 9.6676

Details

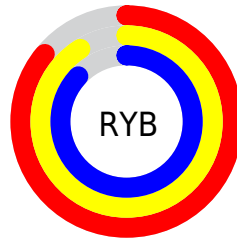
The XYZ color **73.0407, 78.5972, 78.3390** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **70.1898, 72.1227, 85.8270**, and the grayscale version is **74.0962, 77.9550, 84.8930**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0441, 42.1109, 41.1923** is the 20% darker color. If you saturate the color by 10%, you get **67.8326, 76.2419, 63.3066**, and if you desaturate by 10%, it is **78.7841, 81.1842, 95.6027**.

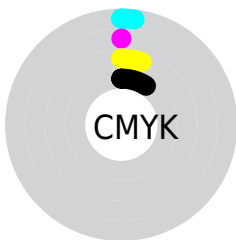
Distribution



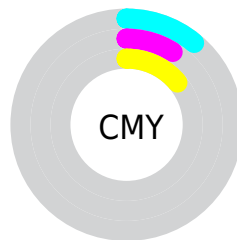
- Red (89%)
- Green (91%)
- Blue (86%)



- Red (86%)
- Yellow (91%)
- Blue (87%)



- Cyan (2%)
- Magenta (0%)
- Yellow (5%)
- Black (9%)



- Cyan (11%)
- Magenta (9%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.0407, 78.5972, 78.3390 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 73.0407, 78.5972, 78.3390 by changing the saturation by 10% instead.

■ 73.0407, 78.5972,
78.3390

■ 73.0407, 78.5972,
78.3390

460.2575,
490.1926, 508.8757

■ 54.2977, 58.5647,
57.8344

122.5378,
131.3916, 132.8181

■ 39.0714, 42.2628,
41.2617

154.0227,
164.9224, 167.6297

■ 26.9962, 29.3071,
28.2024

190.4855,
203.7213, 208.0474

■ 17.7070, 19.3133,
18.2379

232.2918,
248.1728, 254.4896

■ 10.8382, 11.8969,
10.9497

279.8067,
298.6613, 307.3751

■ 6.0246, 6.6735,
5.9193

333.3958,

■ 2.9009, 3.2588,

355.5712, 367.1222

2.7281

393.4242,
419.2868, 434.1496

■ 1.1016, 1.2683,
0.9575

■ 0.0264, 0.1164,
0.0000

■ 73.0407, 78.5972,
78.3390

■ 73.0407, 78.5972,
78.3390

■ 67.8326, 76.2419,
63.3066

■ 78.7841, 81.1842,
95.6027

■ 63.1345, 74.1006,
50.4094

■ 83.3871, 83.3252,
106.2961

■ 58.9287, 72.1684,
39.5517

■ 86.0941, 84.7207,
106.4228

■ 55.1938, 70.4366,
30.6287

■ 87.8674, 85.6349,
106.5058

■ 51.9068, 68.8959,
23.5261

■ 49.0420, 67.5358,
18.1178

■ 46.5710, 66.3447,
14.2612

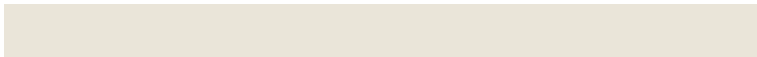
■ 44.4606, 65.3093,
11.7910

■ 42.6706, 64.4132,
10.5036

Harmonies

Analogous

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



74.5543, 78.5972, 77.0252



73.0407, 78.5972, 78.3390



71.9850, 78.5972, 81.5872

Triad

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



73.0407, 78.5972, 78.3390



73.2971, 78.5972, 93.7078



77.8393, 78.5972, 85.1498

Complementary

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



73.0407, 78.5972, 78.3390



70.1898, 72.1227, 85.8270

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.



77.4912, 78.5972, 89.6989



73.0407, 78.5972, 78.3390



74.8545, 78.5972, 94.7437

Square

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



73.0407, 78.5972, 78.3390



72.1316, 78.5972, 90.4695



76.3929, 78.5972, 93.2518



77.3375, 78.5972, 80.8680

Rectangle

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



73.0407, 78.5972, 78.3390



71.6749, 78.5972, 84.4694



76.3929, 78.5972, 93.2518



77.8178, 78.5972, 86.6982

Sweetspot

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



73.0429, 78.6006, 78.3407



93.6165, 99.3546, 104.6035



72.1317, 74.8814, 77.6708



20.0529, 21.2728, 22.4344



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.



73.0429, 78.6006, 78.3407



90.8309, 98.0983, 96.3522



71.1834, 77.6420, 78.2537



15.4323, 16.7095, 16.2440



23.6222, 35.9592, 5.6958



1.8431, 2.7075, 0.4255

Inverse Universe

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



70.1898, 72.1227, 85.8270



86.7095, 88.7408, 107.1664



72.0712, 73.0926, 85.9151



14.6640, 14.9651, 18.2600



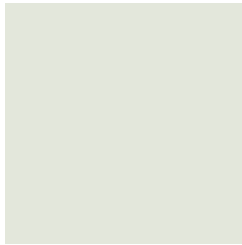
9.9221, 4.1809, 42.6672



0.8289, 0.3583, 3.1574

Previews

White Background



This preview shows how the XYZ color 73.0407, 78.5972, 78.3390 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 73.0407, 78.5972, 78.3390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

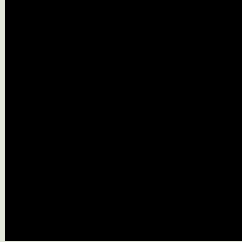
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

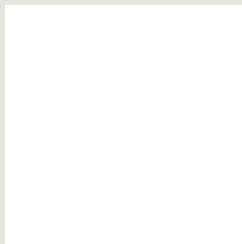
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.0407, 78.5972, 78.3390

Background



This preview shows how black text looks on a background with the XYZ color 73.0407, 78.5972, 78.3390.

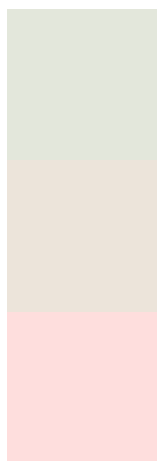


This preview shows how white text looks on a background with the XYZ color 73.0407, 78.5972,

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

73.0407, 78.5972, 78.3390

Protanopia

74.9904, 78.3816, 77.5064

Deuteranopia

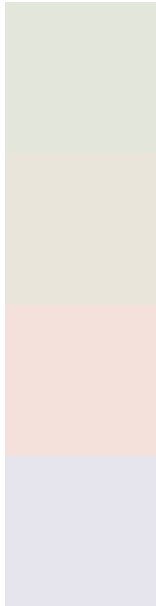
80.0455, 78.5338, 79.3463



Tritanopia

76.9055, 78.5197, 97.4887

Trichromacy



Original Color

73.0407, 78.5972, 78.3390

Protanomaly

74.2785, 78.4242, 77.5522

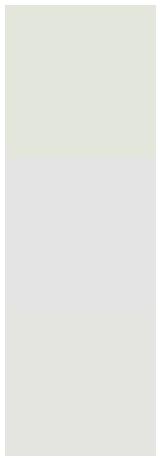
Deuteranomaly

77.1517, 78.2508, 78.7477

Tritanomaly

75.5169, 78.3659, 90.5029

Monochromacy



Original Color

73.0407, 78.5972, 78.3390

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.6048, 77.9688, 82.4043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0407, 78.5972, 78.3390 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(227, 231, 219) looks like.

```
.text, #text, p{  
    color:rgb(227, 231, 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(227, 231, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 231, 219) }
```

Border

The CSS property to change the border of an element to XYZ 73.0407, 78.5972, 78.3390 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(227, 231, 219) }
```


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

```
.border{ border-color:rgb(227, 231, 219) }
```

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

Here you see how a box with a 4 pixel rgb(227, 231, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 231, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 231, 219);  
box-shadow:4px 4px 4px 4px rgb(227, 231,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0407, 78.5972, 78.3390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 231, 219) }
```

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

```
.background{ background-color: rgb(227,  
231, 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](#).

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