

Converting Colors

XYZ(72.7665, 78.0989, 79.0462)

Have a look what the booklet for
XYZ(72.7665, 78.0989, 79.0462)
contains.

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Color

**XYZ(72.5791, 77.9297,
78.9268)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E6DC
RGB	226, 230, 220
RGB Percent	89%, 90%, 86%
CMY	0.1137, 0.0980, 0.1372
CMYK	0.02, 0.00, 0.04, 0.10
HSL	84°, 17%, 88%
HSV	84°, 4%, 90%
XYZ	72.5791, 77.9297, 78.9268
YIQ	227.6640, 0.8260, -3.9580

Conversions

Conversions Part 2

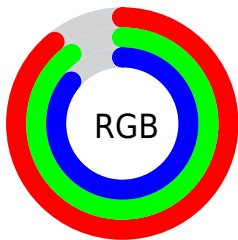
Format	Color
R _Y B	220, 230, 224
Decimal	14870236
CIE Lab	90.75, -3.11, 4.39
CIE LCh	91, 5.377, 125.308
Yxy	77.9297, 0.3163, 0.3397
Android (android.graphics.Color)	4293060316 (0xFFE2E6DC)
YUV	227.6640, -3.7784, -1.4593
Hunter-Lab	88.2778, -7.7293, 8.7849

Details

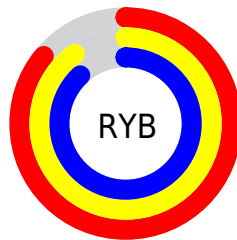
The XYZ color **72.5791, 77.9297, 78.9268** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.6197, 72.7491, 85.1869**, and the grayscale version is **73.5255, 77.3546, 84.2391**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.9161, 42.0345, 41.6597** is the 20% darker color. If you saturate the color by 10%, you get **66.9308, 75.3482, 63.8401**, and if you desaturate by 10%, it is **78.8060, 80.7655, 96.2316**.

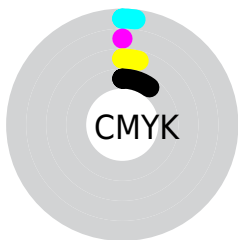
Distribution



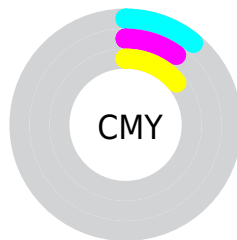
- Red (89%)
- Green (90%)
- Blue (86%)



- Red (86%)
- Yellow (90%)
- Blue (88%)



- Cyan (2%)
- Magenta (0%)
- Yellow (4%)
- Black (10%)



- Cyan (11%)
- Magenta (10%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.5791, 77.9297, 78.9268 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 72.5791, 77.9297, 78.9268 by changing the saturation by 10% instead.

■ 72.5791, 77.9297,
78.9268

■ 72.5791, 77.9297,
78.9268

458.6811,
487.9280, 510.9197

■ 53.9190, 58.0162,
58.3147

121.8859,
130.4510, 133.6535

■ 38.7673, 41.8217,
41.6453

153.2632,
163.8277, 168.6052

■ 26.7587, 28.9617,
28.5002

189.6105,
202.4608, 209.1738

■ 17.5277, 19.0519,
18.4607

231.2928,
246.7349, 255.7779

■ 10.7091, 11.7078,
11.1084

278.6757,
297.0342, 308.8360

■ 5.9374, 6.5450,
6.0247

332.1245,

■ 2.8474, 3.1792,

353.7433, 368.7666

2.7911

392.0045,
417.2464, 435.9884

■ 1.0736, 1.2260,
0.9890

■ 0.0028, 0.0828,
0.0000

■ 72.5791, 77.9297,
78.9268

■ 72.5791, 77.9297,
78.9268

■ 66.9308, 75.3482,
63.8401

■ 78.8060, 80.7655,
96.2316

■ 61.8351, 73.0030,
50.8766

■ 83.8006, 83.1240,
106.2355

■ 57.2737, 70.8887,
39.9424

■ 87.0829, 84.8161,
106.3891

■ 53.2243, 68.9964,
30.9343

■ 87.5884, 85.0767,
106.4128

■ 49.6631, 67.3161,
23.7401

■ 46.5640, 65.8371,
18.2360

■ 43.8978, 64.5473,
14.2826

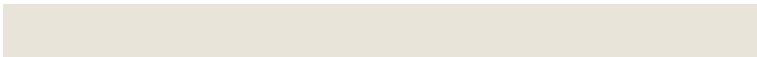
■ 41.6310, 63.4331,
11.7185

■ 39.7232, 62.4781,
10.3465

Harmonies

Analogous

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



73.8299, 77.9297, 77.6605



72.5791, 77.9297, 78.9268



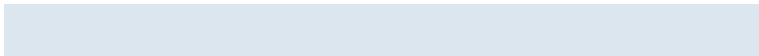
71.7355, 77.9297, 81.7833

Triad

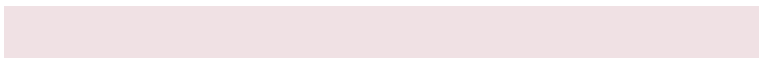
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.5791, 77.9297, 78.9268



72.9904, 77.9297, 91.7901



76.6857, 77.9297, 84.1660

Complementary

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



72.5791, 77.9297, 78.9268



70.6197, 72.7491, 85.1869

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.



76.4543, 77.9297, 87.9969



72.5791, 77.9297, 78.9268



74.3103, 77.9297, 92.4747

Square

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



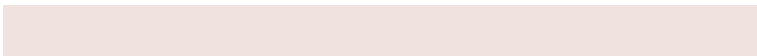
72.5791, 77.9297, 78.9268



71.9709, 77.9297, 89.2235



75.5809, 77.9297, 91.0670



76.2092, 77.9297, 80.6260

Rectangle

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



72.5791, 77.9297, 78.9268



71.5118, 77.9297, 84.2453



75.5809, 77.9297, 91.0670



76.6882, 77.9297, 85.4620

Sweetspot

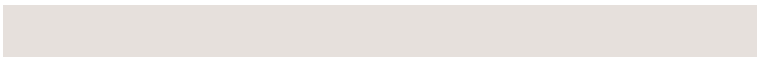
The Sweet Spot groups the original color and five complimentary colors.



72.5813, 77.9331, 78.9285



94.2676, 99.6438, 106.7345



72.2099, 75.3044, 78.4407



20.1854, 21.3316, 22.8684



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.



72.5813, 77.9331, 78.9285



91.2118, 98.2507, 98.3583



71.0363, 77.1366, 78.8562



15.4832, 16.7287, 16.5626



22.0895, 35.1691, 5.6241



1.7365, 2.6526, 0.4205

Inverse Universe

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



70.6197, 72.7491, 85.1869



88.3592, 90.7117, 107.4598



72.1921, 73.5597, 85.2605



14.9364, 15.2837, 18.3071



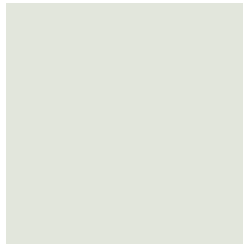
10.7178, 4.5911, 42.7045



0.8945, 0.3921, 3.1605

Previews

White Background



This preview shows how the XYZ color 72.5791, 77.9297, 78.9268 looks on a white background.

Color Contrast Check

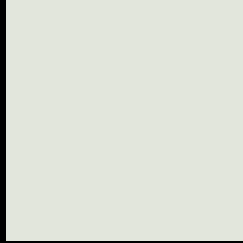
Large Text (above 18pt) WCAG AA × Fail

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 72.5791, 77.9297, 78.9268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

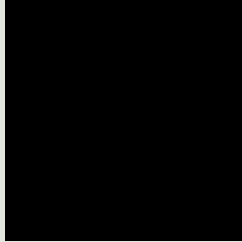
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

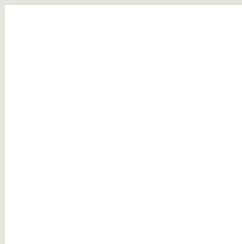
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.5791, 77.9297, 78.9268

Background



This preview shows how black text looks on a background with the XYZ color 72.5791, 77.9297, 78.9268.



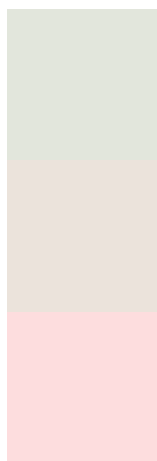
This preview shows how white text looks on a background with the XYZ color 72.5791, 77.9297,

78.9268.

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

72.5791, 77.9297, 78.9268

Protanopia

74.5162, 77.7148, 78.0909

Deuteranopia

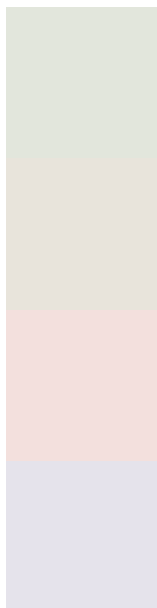
79.5493, 77.8695, 79.9449



Tritanopia

76.1586, 77.7474, 96.5807

Trichromacy



Original Color

72.5791, 77.9297, 78.9268

Protanomaly

73.8083, 77.7571, 78.1363

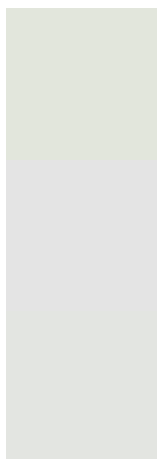
Deuteranomaly

76.6689, 77.5865, 79.3414

Tritanomaly

74.7776, 77.5943, 89.6333

Monochromacy



Original Color

72.5791, 77.9297, 78.9268

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.2885, 77.8058, 82.3895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5791, 77.9297, 78.9268 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(226, 230, 220) looks like.

```
.text, #text, p{  
    color:rgb(226, 230, 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(226, 230, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 230, 220) }
```

Border

The CSS property to change the border of an element to XYZ 72.5791, 77.9297, 78.9268 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(226, 230, 220) }
```


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

```
.border{ border-color:rgb(226, 230, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 230, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 230, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 230, 220);  
box-shadow:4px 4px 4px 4px rgb(226, 230,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5791, 77.9297, 78.9268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 230, 220) }
```

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

```
.background{ background-color: rgb(226,  
230, 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](#).

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