

Converting Colors

XYZ(72.9374, 76.6274, 90.8219)

Have a look what the booklet for
XYZ(72.9374, 76.6274, 90.8219)
contains.

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Color

**XYZ(72.8793, 76.5822,
91.0615)**

Conversions

Conversions Part 1

Format	Color
Hex	DEE3ED
RGB	222, 227, 237
RGB Percent	87%, 89%, 93%
CMY	0.1294, 0.1098, 0.0706
CMYK	0.06, 0.04, 0.00, 0.07
HSL	220°, 29%, 90%
HSV	220°, 6%, 93%
XYZ	72.8793, 76.5822, 91.0615
YIQ	226.6450, -6.1900, 2.0500

Conversions

Conversions Part 2

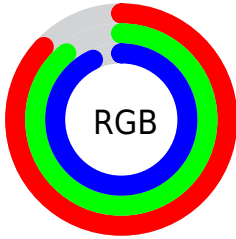
Format	Color
R _Y B	222, 226, 237
Decimal	14607341
CIE Lab	90.13, 0.19, -5.45
CIE LCh	90, 5.454, 271.985
Yxy	76.5822, 0.3030, 0.3184
Android (android.graphics.Color)	4292797421 (0xFFDEE3ED)
YUV	226.6450, 5.1050, -4.0737
Hunter-Lab	87.5113, -4.4901, -0.4375

Details

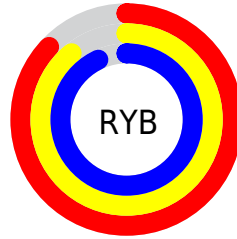
The XYZ color **72.8793, 76.5822, 91.0615** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.9666, 80.9908, 80.6846**, and the grayscale version is **72.7250, 76.5124, 83.3220**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0294, 41.0567, 49.5837** is the 20% darker color. If you saturate the color by 10%, you get **62.0013, 64.8548, 89.3724**, and if you desaturate by 10%, it is **85.1784, 89.6347, 92.9338**.

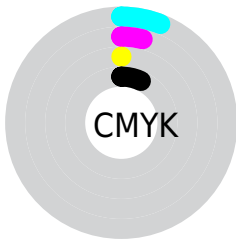
Distribution



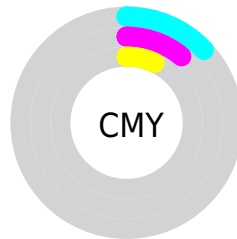
- Red (87%)
- Green (89%)
- Blue (93%)



- Red (87%)
- Yellow (89%)
- Blue (93%)



- Cyan (6%)
- Magenta (4%)
- Yellow (0%)
- Black (7%)



- Cyan (13%)
- Magenta (11%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.8793, 76.5822, 91.0615 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 72.8793, 76.5822, 91.0615 by changing the saturation by 10% instead.

■ 72.8793, 76.5822,
91.0615

■ 72.8793, 76.5822,
91.0615

459.7066,
483.3383, 552.1368

■ 54.1653, 56.9100,
68.2827

122.3099,
128.5495, 150.7604

■ 38.9650, 40.9330,
49.6596

153.7572,
161.6135, 188.5175

■ 26.9131, 28.2667,
34.7738

190.1797,
199.9102, 232.1046

■ 17.6442, 18.5268,
23.2065

231.9426,
243.8240, 281.9400

■ 10.7930, 11.3289,
14.5393

279.4115,
293.7393, 338.4424

■ 5.9941, 6.2885,
8.3537

332.9515,

■ 2.8821, 3.0213,

350.0406, 402.0303

4.2311

392.9281,
413.1121, 473.1223

■ 1.0917, 1.1429,
1.7530

■ 0.0182, 0.0143,
0.3967

■ 72.8793, 76.5822,
91.0615

■ 72.8793, 76.5822,
91.0615

■ 62.0013, 64.8548,
89.3724

■ 85.1784, 89.6347,
92.9338

■ 52.4848, 54.3997,
87.8559

■ 92.2863, 98.8945,
94.3465

■ 44.2756, 45.1748,
86.5080

■ 37.3135, 37.1316,
85.3225

■ 31.5327, 30.2184,
84.2928

■ 26.8616, 24.3791,
83.4119

■ 23.2197, 19.5520,
82.6721

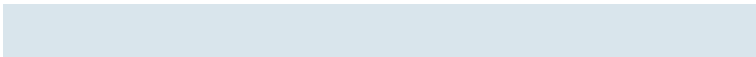
■ 20.5144, 15.6679,
82.0650

■ 18.6325, 12.6453,
81.5807

Harmonies

Analogous

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



71.5730, 76.5822, 90.1428



72.8793, 76.5822, 91.0615



74.1770, 76.5822, 89.8710

Triad

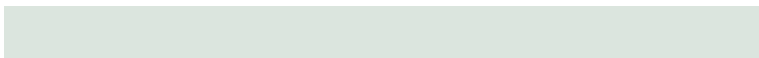
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.8793, 76.5822, 91.0615



75.0199, 76.5822, 79.4972



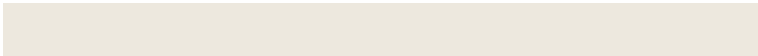
70.5146, 76.5822, 79.9313

Complementary

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



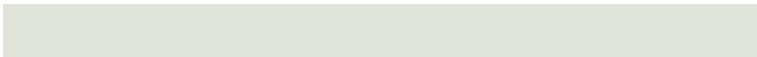
72.8793, 76.5822, 91.0615



76.9666, 80.9908, 80.6846

Split Complementary

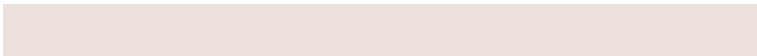
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.4186, 76.5822, 77.2188



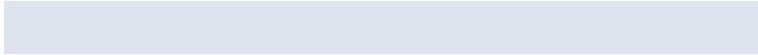
72.8793, 76.5822, 91.0615



74.0189, 76.5822, 76.9737

Square

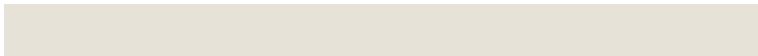
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.8793, 76.5822, 91.0615



75.4223, 76.5822, 83.1270



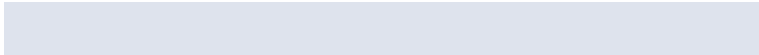
72.6989, 76.5822, 76.1525



70.2178, 76.5822, 83.6435

Rectangle

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



72.8793, 76.5822, 91.0615



74.8597, 76.5822, 88.0622



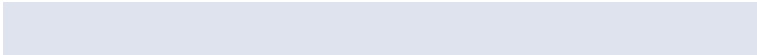
72.6989, 76.5822, 76.1525



70.7570, 76.5822, 78.8764

Sweetspot

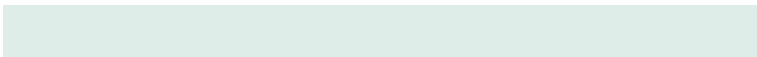
The Sweet Spot groups the original color and five complimentary colors.



72.8815, 76.5854, 91.0632



92.1238, 96.8962, 108.4551



74.9395, 81.9112, 88.0198



19.7490, 20.7724, 23.2185



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.



72.8815, 76.5854, 91.0632



83.7544, 87.9649, 107.1723



72.2265, 74.2454, 90.6460



14.6417, 15.3699, 19.1172



9.9823, 6.6115, 44.4930



0.8694, 0.6903, 3.5223

Inverse Universe

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



74.9131, 75.7945, 83.3584



86.7717, 86.8230, 95.7219



77.6487, 83.4632, 81.1258



15.2727, 15.1369, 16.7214



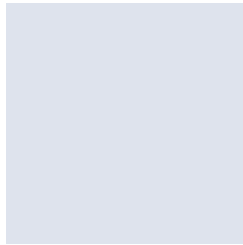
19.8939, 10.1602, 5.2426



1.6053, 0.8151, 0.6391

Previews

White Background



This preview shows how the XYZ color 72.8793, 76.5822, 91.0615 looks on a white background.

Color Contrast Check

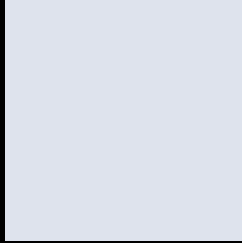
Large Text (above 18pt) WCAG AA × Fail

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 72.8793, 76.5822, 91.0615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

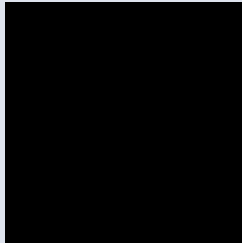
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

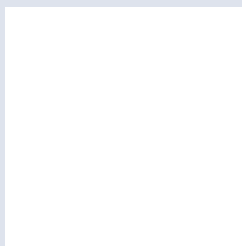
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.8793, 76.5822, 91.0615

Background



This preview shows how black text looks on a background with the XYZ color 72.8793, 76.5822, 91.0615.



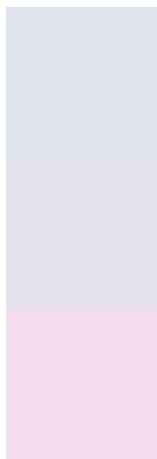
This preview shows how white text looks on a background with the XYZ color 72.8793, 76.5822,

91.0615.

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

72.8793, 76.5822, 91.0615

Protanopia

74.0604, 76.4005, 90.2003

Deuteranopia

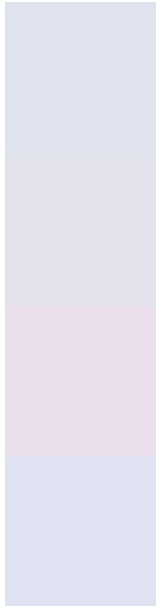
77.9880, 76.4141, 91.5279



Tritanopia

73.9569, 76.6123, 96.4777

Trichromacy



Original Color

72.8793, 76.5822, 91.0615

Protanomaly

73.7007, 76.6176, 90.2611

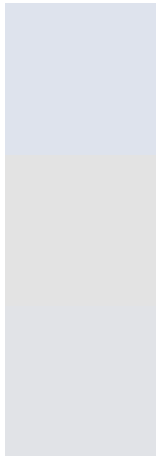
Deuteranomaly

76.0812, 76.6106, 91.6663

Tritanomaly

73.5050, 76.4316, 94.0977

Monochromacy



Original Color

72.8793, 76.5822, 91.0615

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

72.9442, 76.7152, 86.5643

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.8793, 76.5822, 91.0615 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, 227, 237) looks like.

```
.text, #text, p{  
    color:rgb(222, 227, 237)  
}
```

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, 227, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 227, 237) }
```

Border

The CSS property to change the border of an element to XYZ 72.8793, 76.5822, 91.0615 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, 227, 237) }
```


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

```
.border{ border-color:rgb(222, 227, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 227, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 227, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 227, 237);  
box-shadow:4px 4px 4px 4px rgb(222, 227,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 72.8793, 76.5822, 91.0615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 227, 237) }
```

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

```
.background{ background-color: rgb(222,  
227, 237) }
```

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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