

Converting Colors

XYZ(73.0383, 76.2790, 91.1295)

Have a look what the booklet for
XYZ(73.0383, 76.2790, 91.1295)
contains.

XYZ(72.9138, 76.1951, 90.9849)	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(72.9138, 76.1951,
90.9849)**

Conversions

Conversions Part 1

Format	Color
Hex	DFE2ED
RGB	223, 226, 237
RGB Percent	87%, 89%, 93%
CMY	0.1255, 0.1137, 0.0706
CMYK	0.06, 0.05, 0.00, 0.07
HSL	227°, 28%, 90%
HSV	227°, 6%, 93%
XYZ	72.9138, 76.1951, 90.9849
YIQ	226.3570, -5.3190, 2.7850

Conversions

Conversions Part 2

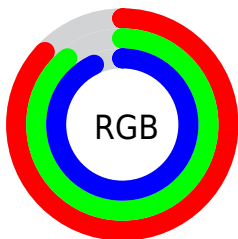
Format	Color
R _Y B	223, 225, 237
Decimal	14672621
CIE Lab	89.95, 1.03, -5.71
CIE LCh	90, 5.800, 280.261
Yxy	76.1951, 0.3037, 0.3174
Android (android.graphics.Color)	4292862701 (0xFFDFE2ED)
YUV	226.3570, 5.2470, -2.9441
Hunter-Lab	87.2898, -3.6548, -0.6970

Details

The XYZ color **72.9138, 76.1951, 90.9849** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.6673, 82.1770, 81.5815**, and the grayscale version is **72.5149, 76.2913, 83.0812**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0518, 40.7868, 49.5305** is the 20% darker color. If you saturate the color by 10%, you get **61.3270, 63.1127, 89.0716**, and if you desaturate by 10%, it is **86.0767, 90.9100, 93.1326**.

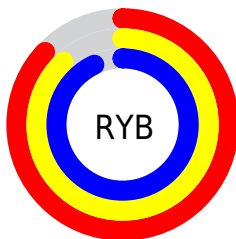
Distribution



Red (87%)

Green (89%)

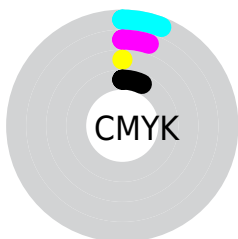
Blue (93%)



Red (87%)

Yellow (88%)

Blue (93%)

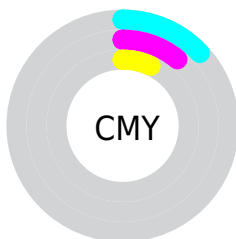


Cyan (6%)

Magenta (5%)

Yellow (0%)

Black (7%)



Cyan (13%)

Magenta (11%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.9138, 76.1951, 90.9849 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 72.9138, 76.1951, 90.9849 by changing the saturation by 10% instead.

■ 72.9138, 76.1951,
90.9849

■ 72.9138, 76.1951,
90.9849

459.8244,
482.0153, 551.8821

■ 54.1936, 56.5925,
68.2195

122.3586,
128.0027, 150.6532

■ 38.9878, 40.6782,
49.6085

153.8140,
160.9764, 188.3931

■ 26.9309, 28.0677,
34.7334

190.2451,
199.1760, 231.9616

■ 17.6576, 18.3767,
23.1757

232.0173,
242.9858, 281.7773

■ 10.8027, 11.2208,
14.5168

279.4960,
292.7902, 338.2586

■ 6.0006, 6.2155,
8.3381

333.0465,

■ 2.8861, 2.9766,

348.9737, 401.8242

4.2212

393.0342,
411.9206, 472.8925

■ 1.0938, 1.1195,
1.7475

■ 0.0199, 0.0000,
0.3930

■ 72.9138, 76.1951,
90.9849

■ 72.9138, 76.1951,
90.9849

■ 61.3270, 63.1127,
89.0716

■ 86.0767, 90.9100,
93.1326

■ 51.2499, 51.5965,
87.3799

■ 92.2863, 98.8945,
94.3465

■ 42.6213, 41.5895,
85.9031

■ 35.3730, 33.0280,
84.6326

■ 29.4313, 25.8431,
83.5589

■ 24.7153, 19.9604,
82.6720

■ 21.1347, 15.2980,
81.9608

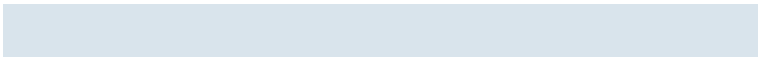
■ 18.5860, 11.7638,
81.4130

■ 16.9444, 9.2505,
81.0144

Harmonies

Analogous

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



71.4933, 76.1951, 90.6260



72.9138, 76.1951, 90.9849



74.2191, 76.1951, 89.1411

Triad

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



72.9138, 76.1951, 90.9849



74.5472, 76.1951, 77.9605



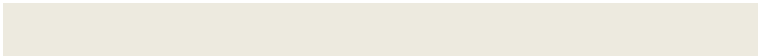
69.8549, 76.1951, 80.3232

Complementary

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



72.9138, 76.1951, 90.9849



77.6673, 82.1770, 81.5815

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.



70.6525, 76.1951, 77.0781



72.9138, 76.1951, 90.9849



73.3570, 76.1951, 75.7456

Square

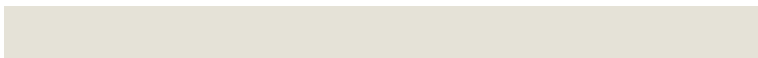
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.9138, 76.1951, 90.9849



75.1704, 76.1951, 81.5638



71.9307, 76.1951, 75.4280



69.7398, 76.1951, 84.3792

Rectangle

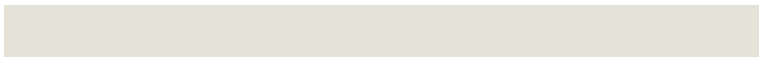
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.9138, 76.1951, 90.9849



74.8435, 76.1951, 86.9455



71.9307, 76.1951, 75.4280



70.0516, 76.1951, 79.1050

Sweetspot

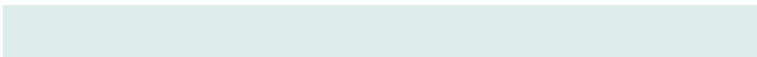
The Sweet Spot groups the original color and five complimentary colors.



72.9160, 76.1983, 90.9866



91.9339, 96.5163, 108.3918



75.5633, 82.1962, 89.7008



19.7103, 20.6950, 23.2056



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.



72.9160, 76.1983, 90.9866



84.4744, 88.1489, 107.1699



73.3429, 75.2165, 90.7746



14.9710, 15.6109, 19.1464



9.0660, 4.7790, 44.1876



0.7807, 0.5129, 3.4927

Inverse Universe

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



75.0419, 76.2723, 82.7222



87.4418, 88.2649, 95.6313



77.2198, 83.2266, 81.8076



15.5408, 15.6344, 16.9303



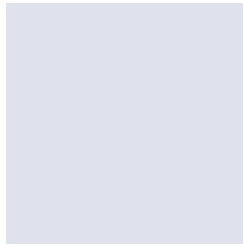
19.4314, 9.9753, 2.8072



1.5606, 0.7972, 0.4033

Previews

White Background



This preview shows how the XYZ color 72.9138, 76.1951, 90.9849 looks on a white background.

Color Contrast Check

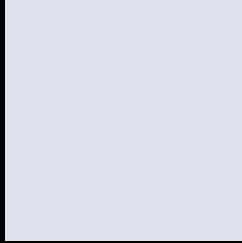
Large Text (above 18pt) WCAG AA × Fail

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 72.9138, 76.1951, 90.9849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

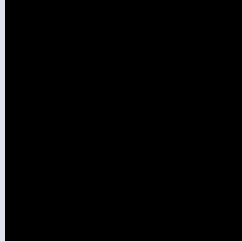
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

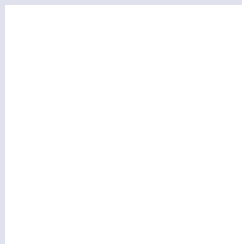
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.9138, 76.1951, 90.9849

Background



This preview shows how black text looks on a background with the XYZ color 72.9138, 76.1951, 90.9849.



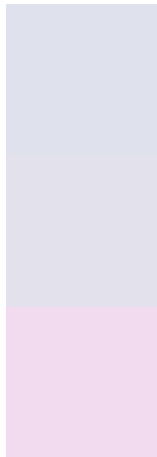
This preview shows how white text looks on a background with the XYZ color 72.9138, 76.1951,

90.9849.

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

72.9138, 76.1951, 90.9849

Protanopia

73.7441, 76.2374, 90.1854

Deuteranopia

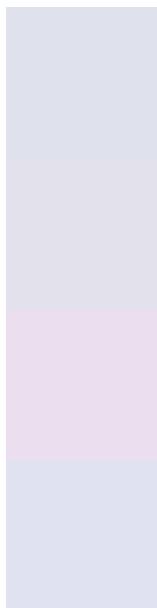
77.3821, 75.7133, 91.4246



Tritanopia

73.8433, 76.1688, 95.6041

Trichromacy



Original Color

72.9138, 76.1951, 90.9849

Protanomaly

73.4296, 76.0753, 90.1707

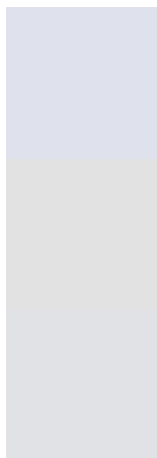
Deuteranomaly

75.8148, 76.0778, 91.5775

Tritanomaly

73.5429, 76.0486, 94.0218

Monochromacy



Original Color

72.9138, 76.1951, 90.9849

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.5306, 76.1134, 85.7315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9138, 76.1951, 90.9849 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(223, 226, 237) looks like.

```
.text, #text, p{  
    color:rgb(223, 226, 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(223, 226, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 226, 237) }
```

Border

The CSS property to change the border of an element to XYZ 72.9138, 76.1951, 90.9849 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(223, 226, 237) }
```


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

```
.border{ border-color:rgb(223, 226, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 226, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 226, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 226, 237);  
box-shadow:4px 4px 4px 4px rgb(223, 226,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9138, 76.1951, 90.9849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 226, 237) }
```

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

```
.background{ background-color: rgb(223,  
226, 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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