

Converting Colors

XYZ(72.8148, 77.0748, 91.2749)

Have a look what the booklet for
XYZ(72.8148, 77.0748, 91.2749)
contains.

XYZ(72.8483, 76.9734, 91.1386)	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(72.8483, 76.9734,
91.1386)**

Conversions

Conversions Part 1

Format	Color
Hex	DDE4ED
RGB	221, 228, 237
RGB Percent	87%, 89%, 93%
CMY	0.1333, 0.1059, 0.0706
CMYK	0.07, 0.04, 0.00, 0.07
HSL	214°, 31%, 90%
HSV	214°, 7%, 93%
XYZ	72.8483, 76.9734, 91.1386
YIQ	226.9330, -7.0610, 1.3150

Conversions

Conversions Part 2

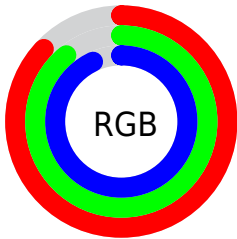
Format	Color
R_{YB}	221, 226, 237
Decimal	14542061
CIE _{Lab}	90.31, -0.65, -5.19
CIE _{LCh}	90, 5.234, 262.827
Yxy	76.9734, 0.3023, 0.3194
Android (android.graphics.Color)	4292732141 (0xFFDDE4ED)
YUV	226.9330, 4.9630, -5.2032
Hunter-Lab	87.7345, -5.3220, -0.1763

Details

The XYZ color **72.8483, 76.9734, 91.1386** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.2733, 79.8181, 79.7944**, and the grayscale version is **72.9356, 76.7339, 83.5633**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0099, 41.3303, 49.6376** is the 20% darker color. If you saturate the color by 10%, you get **62.6101, 66.4631, 89.6507**, and if you desaturate by 10%, it is **84.3922, 88.5805, 92.7718**.

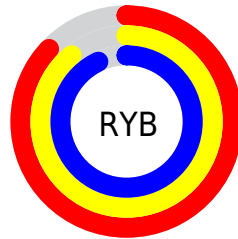
Distribution



Red (87%)

Green (89%)

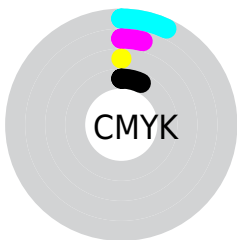
Blue (93%)



Red (87%)

Yellow (89%)

Blue (93%)

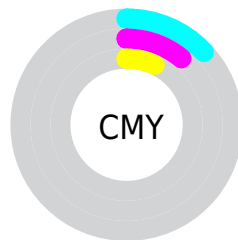


Cyan (7%)

Magenta (4%)

Yellow (0%)

Black (7%)



Cyan (13%)

Magenta (11%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.8483, 76.9734, 91.1386 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 72.8483, 76.9734, 91.1386 by changing the saturation by 10% instead.

■ 72.8483, 76.9734,
91.1386

■ 72.8483, 76.9734,
91.1386

459.6008,
484.6733, 552.3931

■ 54.1399, 57.2310,
68.3464

122.2661,
129.1019, 150.8683

■ 38.9446, 41.1908,
49.7111

153.7062,
162.2569, 188.6428

■ 26.8972, 28.4682,
34.8143

190.1209,
200.6515, 232.2484

■ 17.6322, 18.6789,
23.2375

231.8756,
244.6702, 282.1038

■ 10.7843, 11.4385,
14.5620

279.3355,
294.6973, 338.6274

■ 5.9882, 6.3626,
8.3694

332.8661,

■ 2.8785, 3.0668,

351.1173, 402.2378

4.2411

392.8328,
414.3145, 473.3535

■ 1.0898, 1.1667,
1.7585

■ 0.0166, 0.0342,
0.4004

■ 72.8483, 76.9734,
91.1386

■ 72.8483, 76.9734,
91.1386

■ 62.6101, 66.4631,
89.6507

■ 84.3922, 88.5805,
92.7718

■ 53.6222, 57.0054,
88.2989

■ 92.1772, 98.6763,
94.3101

■ 45.8347, 48.5669,
87.0806

■ 92.2863, 98.8945,
94.3465

■ 39.1919, 41.1088,
85.9911

■ 33.6331, 34.5893,
85.0257

■ 29.0916, 28.9630,
84.1791

■ 25.4925, 24.1799,
83.4455

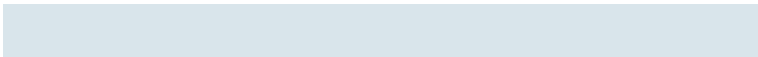
■ 22.7490, 20.1830,
82.8187

■ 20.7525, 16.9038,
82.2909

Harmonies

Analogous

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



71.6565, 76.9734, 89.6633



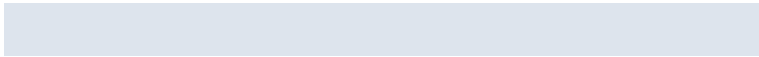
72.8483, 76.9734, 91.1386



74.1378, 76.9734, 90.6044

Triad

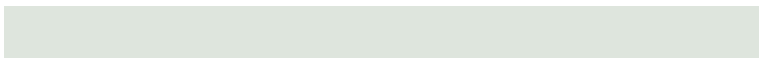
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.8483, 76.9734, 91.1386



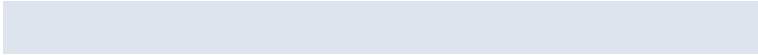
75.4961, 76.9734, 81.0562



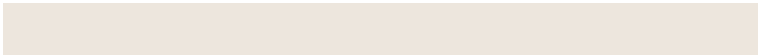
71.1814, 76.9734, 79.5470

Complementary

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



72.8483, 76.9734, 91.1386



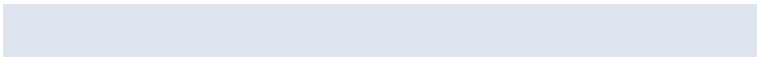
76.2733, 79.8181, 79.7944

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.



72.1926, 76.9734, 77.3658



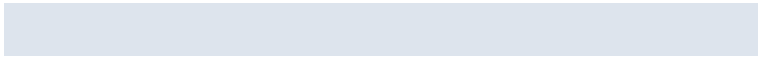
72.8483, 76.9734, 91.1386



74.6862, 76.9734, 78.2189

Square

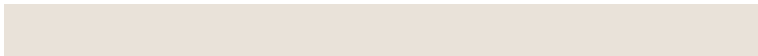
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.8483, 76.9734, 91.1386



75.6767, 76.9734, 84.7107



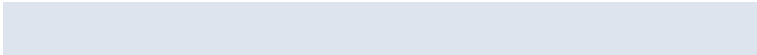
73.4744, 76.9734, 76.8870



70.7015, 76.9734, 82.9176

Rectangle

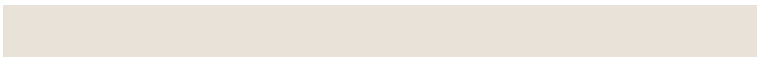
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.8483, 76.9734, 91.1386



74.8785, 76.9734, 89.1880



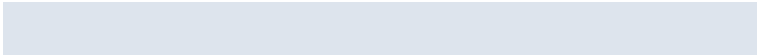
73.4744, 76.9734, 76.8870



71.4698, 76.9734, 78.6545

Sweetspot

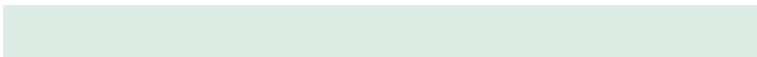
The Sweet Spot groups the original color and five complimentary colors.



72.8505, 76.9767, 91.1403



92.2905, 97.2295, 108.5107



74.3591, 81.6438, 86.5567



19.7829, 20.8402, 23.2298



0.0000, 0.0000, 0.0000



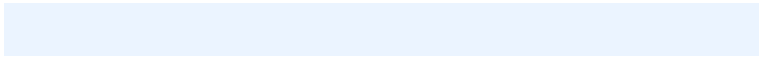
20.3446, 21.4041, 23.3091

Same Dimension

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



72.8505, 76.9767, 91.1403



84.3883, 89.2326, 107.3836



71.2068, 73.3268, 90.5224



14.7737, 15.6338, 19.1612



11.1595, 8.9661, 44.8854



0.9705, 0.8925, 3.5560

Inverse Universe

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



74.7869, 75.3205, 83.9992



87.0917, 86.9510, 97.4067



77.9951, 83.6572, 80.4447



15.3393, 15.1636, 17.0721



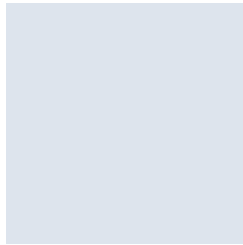
20.4881, 10.3979, 8.3717



1.6564, 0.8355, 0.9079

Previews

White Background



This preview shows how the XYZ color 72.8483, 76.9734, 91.1386 looks on a white background.

Color Contrast Check

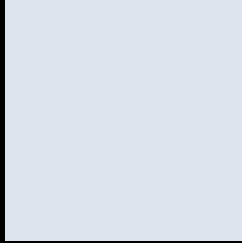
Large Text (above 18pt) WCAG AA × Fail

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 72.8483, 76.9734, 91.1386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

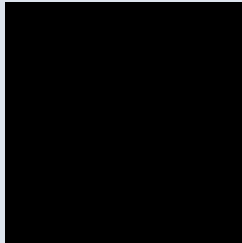
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

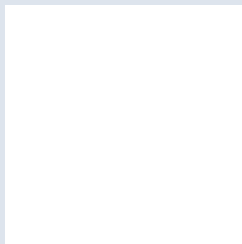
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.8483, 76.9734, 91.1386

Background



This preview shows how black text looks on a background with the XYZ color 72.8483, 76.9734, 91.1386.



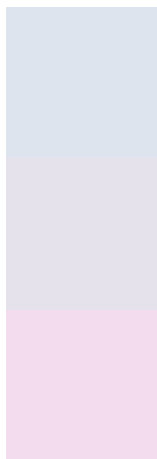
This preview shows how white text looks on a background with the XYZ color 72.8483, 76.9734,

91.1386.

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

72.8483, 76.9734, 91.1386

Protanopia

74.6498, 77.1069, 90.3055

Deuteranopia

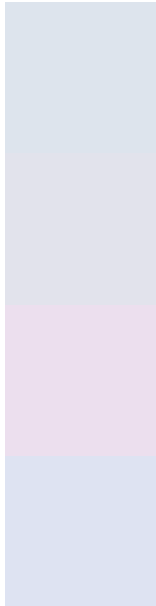
78.4814, 76.6515, 92.3202



Tritanopia

74.0747, 77.0603, 97.3562

Trichromacy



Original Color

72.8483, 76.9734, 91.1386

Protanomaly

73.9734, 77.1630, 90.3520

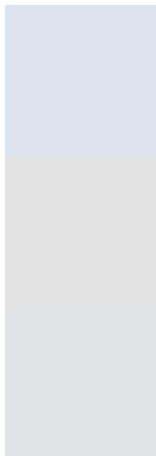
Deuteranomaly

76.4124, 76.7813, 91.6818

Tritanomaly

73.6203, 76.8786, 94.9632

Monochromacy



Original Color

72.8483, 76.9734, 91.1386

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 72.8483, 76.9734, 91.1386 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(221, 228, 237) looks like.

```
.text, #text, p{  
    color:rgb(221, 228, 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(221, 228, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 228, 237) }
```

Border

The CSS property to change the border of an element to XYZ 72.8483, 76.9734, 91.1386 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(221, 228, 237) }
```


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

```
.border{ border-color:rgb(221, 228, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 228, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 228, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 228, 237);  
box-shadow:4px 4px 4px 4px rgb(221, 228,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 72.8483, 76.9734, 91.1386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 228, 237) }
```

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

```
.background{ background-color: rgb(221,  
228, 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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