

Converting Colors

XYZ(73.1166, 76.9929, 90.9079)

Have a look what the booklet for
XYZ(73.1166, 76.9929, 90.9079)
contains.

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Color

**XYZ(73.1537, 77.1308,
91.1529)**

Conversions

Conversions Part 1

Format	Color
Hex	DEE4ED
RGB	222, 228, 237
RGB Percent	87%, 89%, 93%
CMY	0.1294, 0.1059, 0.0706
CMYK	0.06, 0.04, 0.00, 0.07
HSL	216°, 29%, 90%
HSV	216°, 6%, 93%
XYZ	73.1537, 77.1308, 91.1529
YIQ	227.2320, -6.4650, 1.5270

Conversions

Conversions Part 2

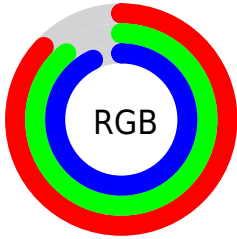
Format	Color
R _Y B	222, 226, 237
Decimal	14607597
CIE Lab	90.38, -0.33, -5.08
CIE LCh	90, 5.089, 266.314
Yxy	77.1308, 0.3030, 0.3195
Android (android.graphics.Color)	4292797677 (0xFFDEE4ED)
YUV	227.2320, 4.8156, -4.5885
Hunter-Lab	87.8241, -5.0095, -0.0603

Details

The XYZ color **73.1537, 77.1308, 91.1529** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.6861, 80.4298, 80.5914**, and the grayscale version is **73.1538, 76.9634, 83.8132**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2204, 41.4388, 49.6474** is the 20% darker color. If you saturate the color by 10%, you get **62.6482, 66.1484, 89.5880**, and if you desaturate by 10%, it is **85.0056, 89.2889, 92.8762**.

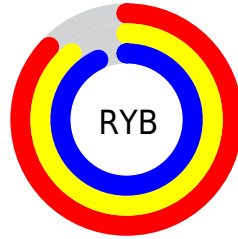
Distribution



Red (87%)

Green (89%)

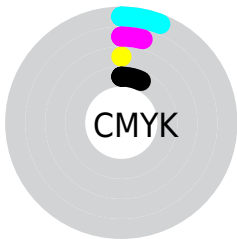
Blue (93%)



Red (87%)

Yellow (89%)

Blue (93%)

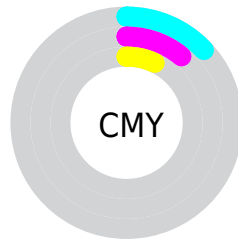


Cyan (6%)

Magenta (4%)

Yellow (0%)

Black (7%)



Cyan (13%)

Magenta (11%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.1537, 77.1308, 91.1529 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 73.1537, 77.1308, 91.1529 by changing the saturation by 10% instead.

■ 73.1537, 77.1308,
91.1529

■ 73.1537, 77.1308,
91.1529

460.6429,
485.2099, 552.4407

■ 54.3905, 57.3602,
68.3582

122.6973,
129.3241, 150.8883

■ 39.1458, 41.2945,
49.7207

154.2085,
162.5156, 188.6660

■ 27.0544, 28.5493,
34.8219

190.6996,
200.9496, 232.2751

■ 17.7509, 18.7401,
23.2432

232.5361,
245.0104, 282.1342

■ 10.8699, 11.4827,
14.5662

280.0833,
295.0824, 338.6617

■ 6.0461, 6.3925,
8.3723

333.7066,

■ 2.9140, 3.0852,

351.5501, 402.2763

4.2429

393.7714,
414.7978, 473.3964

■ 1.1085, 1.1764,
1.7595

■ 0.0322, 0.0423,
0.4011

■ 73.1537, 77.1308,
91.1529

■ 73.1537, 77.1308,
91.1529

■ 62.6482, 66.1484,
89.5880

■ 85.0056, 89.2889,
92.8762

■ 53.4323, 56.2946,
88.1717

■ 92.2863, 98.8945,
94.3465

■ 45.4550, 47.5334,
86.9011

■ 38.6592, 39.8229,
85.7710

■ 32.9827, 33.1183,
84.7761

■ 28.3576, 27.3711,
83.9105

■ 24.7075, 22.5276,
83.1680

■ 21.9441, 18.5273,
82.5415

■ 19.9592, 15.2987,
82.0229

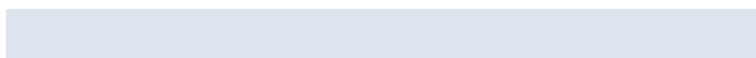
Harmonies

Analogous

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



71.9651, 77.1308, 89.9340



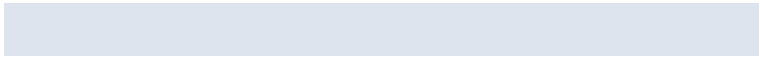
73.1537, 77.1308, 91.1529



74.3978, 77.1308, 90.4053

Triad

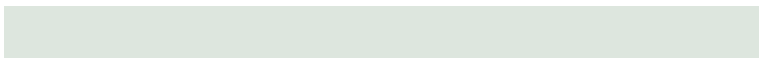
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.1537, 77.1308, 91.1529



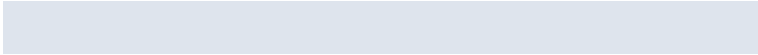
75.5202, 77.1308, 80.9217



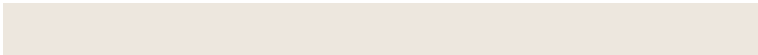
71.2983, 77.1308, 80.1647

Complementary

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



73.1537, 77.1308, 91.1529



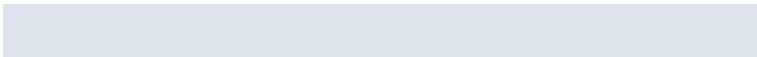
76.6861, 80.4298, 80.5914

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.



72.2339, 77.1308, 77.8711



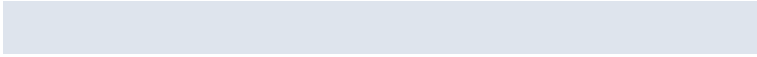
73.1537, 77.1308, 91.1529



74.6726, 77.1308, 78.2992

Square

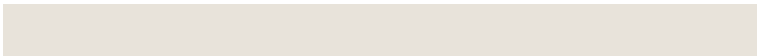
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



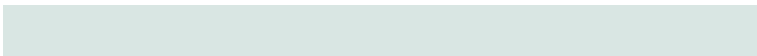
73.1537, 77.1308, 91.1529



75.7733, 77.1308, 84.4325



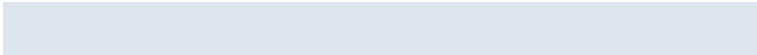
73.4675, 77.1308, 77.1980



70.9017, 77.1308, 83.5337

Rectangle

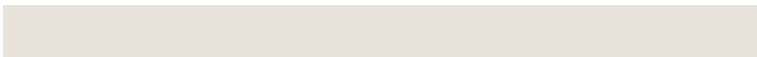
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



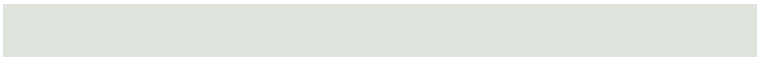
73.1537, 77.1308, 91.1529



75.0897, 77.1308, 88.9036



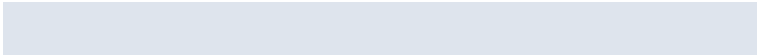
73.4675, 77.1308, 77.1980



71.5597, 77.1308, 79.2461

Sweetspot

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



73.1559, 77.1341, 91.1546



92.2304, 97.1094, 108.4907



74.7982, 81.8547, 87.2749



19.7707, 20.8158, 23.2258



0.0000, 0.0000, 0.0000



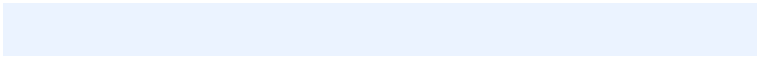
20.3446, 21.4041, 23.3091

Same Dimension

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



73.1559, 77.1341, 91.1546



84.1592, 88.7745, 107.3073



71.9172, 74.0862, 90.6316



14.7260, 15.5384, 19.1453



10.6928, 8.0327, 44.7299



0.9315, 0.8145, 3.5430

Inverse Universe

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



75.0517, 75.8501, 84.0874



86.9760, 86.9047, 96.7978



77.9794, 83.6337, 81.1416



15.3152, 15.1539, 16.9453



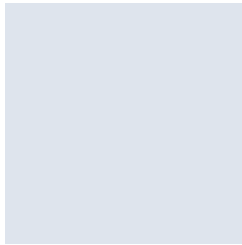
20.2525, 10.3037, 7.1312



1.6367, 0.8276, 0.8041

Previews

White Background



This preview shows how the XYZ color 73.1537, 77.1308, 91.1529 looks on a white background.

Color Contrast Check

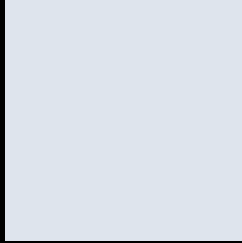
Large Text (above 18pt) WCAG AA × Fail

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 73.1537, 77.1308, 91.1529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

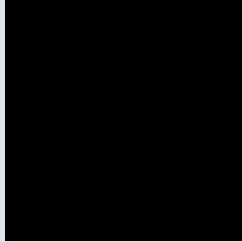
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

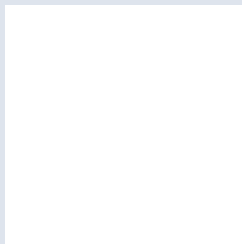
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.1537, 77.1308, 91.1529

Background



This preview shows how black text looks on a background with the XYZ color 73.1537, 77.1308, 91.1529.



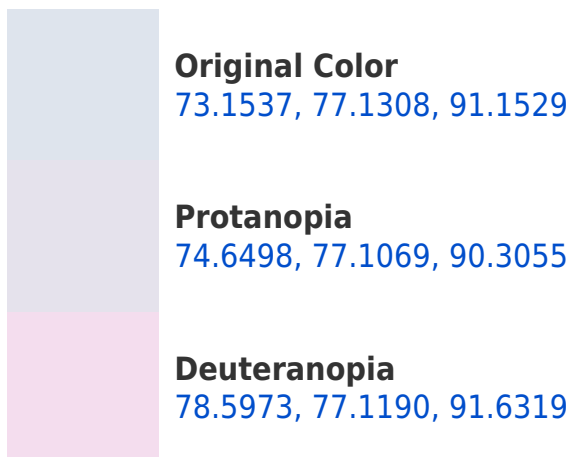
This preview shows how white text looks on a background with the XYZ color 73.1537, 77.1308,

91.1529.

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

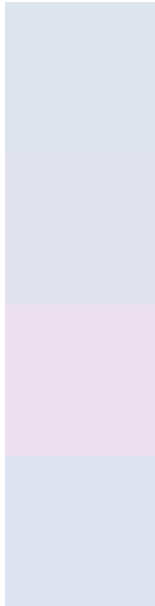




Tritanopia

74.3819, 77.2187, 97.3706

Trichromacy



Original Color

73.1537, 77.1308, 91.1529

Protanomaly

73.9734, 77.1630, 90.3520

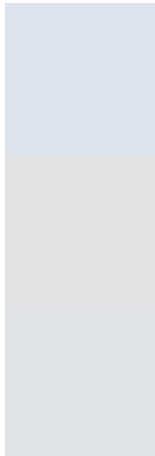
Deuteranomaly

76.6803, 77.3172, 91.7711

Tritanomaly

73.9275, 77.0370, 94.9776

Monochromacy



Original Color

73.1537, 77.1308, 91.1529

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 73.1537, 77.1308, 91.1529 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, 228, 237) looks like.

```
.text, #text, p{  
    color:rgb(222, 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(222, 228, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 228, 237) }
```

Border

The CSS property to change the border of an element to XYZ 73.1537, 77.1308, 91.1529 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, 228, 237) }
```


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

```
.border{ border-color:rgb(222, 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(222, 228, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 228, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 228, 237);  
box-shadow:4px 4px 4px 4px rgb(222, 228,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1537, 77.1308, 91.1529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 228, 237) }
```

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

```
.background{ background-color: rgb(222,  
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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