

Converting Colors

XYZ(73.1478, 77.5520, 92.7764)

Have a look what the booklet for
XYZ(73.1478, 77.5520, 92.7764)
contains.

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Color

**XYZ(73.1145, 77.4863,
92.7642)**

Conversions

Conversions Part 1

Format	Color
Hex	DCE5EF
RGB	220, 229, 239
RGB Percent	86%, 90%, 94%
CMY	0.1372, 0.1019, 0.0627
CMYK	0.08, 0.04, 0.00, 0.06
HSL	212°, 37%, 90%
HSV	212°, 8%, 94%
XYZ	73.1145, 77.4863, 92.7642
YIQ	227.4490, -8.5740, 1.2020

Conversions

Conversions Part 2

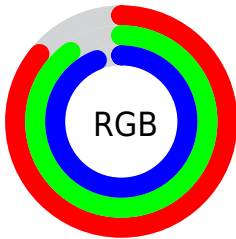
Format	Color
R _Y B	220, 226, 239
Decimal	14476783
CIE Lab	90.54, -1.11, -5.90
CIE LCh	91, 6.005, 259.324
Yxy	77.4863, 0.3004, 0.3184
Android (android.graphics.Color)	4292666863 (0xFFDCE5EF)
YUV	227.4490, 5.6946, -6.5328
Hunter-Lab	88.0263, -5.7842, -0.8628

Details

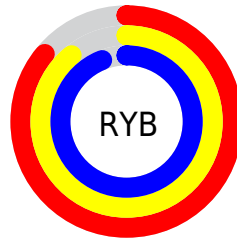
The XYZ color **73.1145, 77.4863, 92.7642** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.8119, 80.1110, 79.1259**, and the grayscale version is **73.3067, 77.1244, 83.9884**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2003, 41.6903, 50.7807** is the 20% darker color. If you saturate the color by 10%, you get **63.0380, 67.3142, 91.3331**, and if you desaturate by 10%, it is **84.4816, 88.7021, 94.3311**.

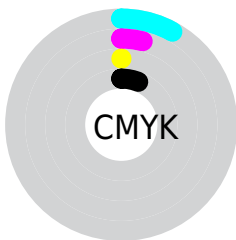
Distribution



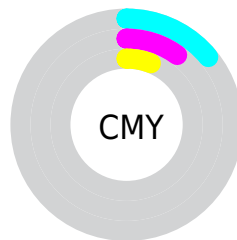
- Red (86%)
- Green (90%)
- Blue (94%)



- Red (86%)
- Yellow (89%)
- Blue (94%)



- Cyan (8%)
- Magenta (4%)
- Yellow (0%)
- Black (6%)



- Cyan (14%)
- Magenta (10%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.1145, 77.4863, 92.7642 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 73.1145, 77.4863, 92.7642 by changing the saturation by 10% instead.

■ 73.1145, 77.4863,
92.7642

■ 73.1145, 77.4863,
92.7642

460.5092,
486.4205, 557.7827

■ 54.3583, 57.6521,
69.6890

122.6420,
129.8257, 153.1410

■ 39.1200, 41.5290,
50.7978

154.1440,
163.0997, 191.2796

■ 27.0342, 28.7327,
35.6721

190.6253,
201.6224, 235.2765

■ 17.7357, 18.8787,
23.8934

232.4513,
245.7782, 285.5500

■ 10.8589, 11.5827,
15.0431

279.9874,
295.9515, 342.5189

■ 6.0386, 6.4602,
8.7027

333.5988,

■ 2.9095, 3.1269,

352.5268, 406.6016

4.4536

393.6510,
415.8883, 478.2167

■ 1.1061, 1.1983,
1.8773

■ 0.0302, 0.0603,
0.4783

■ 73.1145, 77.4863,
92.7642

■ 73.1145, 77.4863,
92.7642

■ 63.0380, 67.3142,
91.3331

■ 84.4816, 88.7021,
94.3311

■ 54.1965, 58.1430,
90.0289

■ 92.3110, 98.4737,
95.8046

■ 46.5399, 49.9407,
88.8492

■ 92.5802, 99.0121,
95.8943

■ 40.0120, 42.6701,
87.7899

■ 34.5517, 36.2908,
86.8463

■ 30.0915, 30.7589,
86.0137

■ 26.5552, 26.0258,
85.2865

■ 23.8539, 22.0357,
84.6587

■ 21.8679, 18.7164,
84.1227

Harmonies

Analogous

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



71.7814, 77.4863, 90.8014



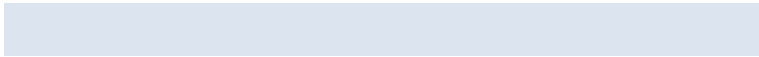
73.1145, 77.4863, 92.7642



74.6086, 77.4863, 92.4206

Triad

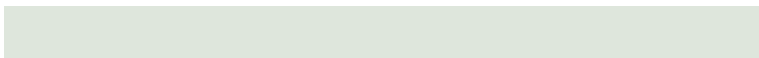
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.1145, 77.4863, 92.7642



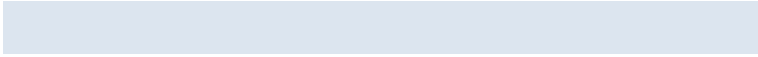
76.4085, 77.4863, 81.6609



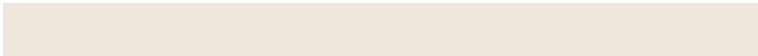
71.4790, 77.4863, 79.0907

Complementary

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



73.1145, 77.4863, 92.7642



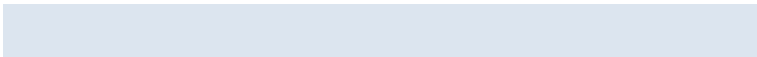
76.8119, 80.1110, 79.1259

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.



72.6965, 77.4863, 76.7999



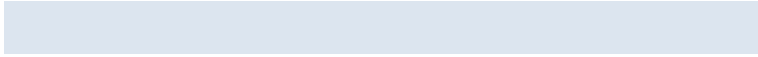
73.1145, 77.4863, 92.7642



75.5475, 77.4863, 78.2486

Square

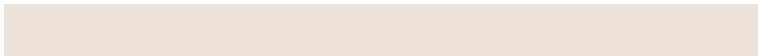
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.1145, 77.4863, 92.7642



76.5241, 77.4863, 85.9115



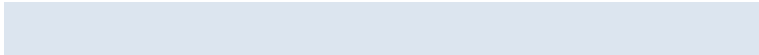
74.1849, 77.4863, 76.4970



70.8457, 77.4863, 82.8459

Rectangle

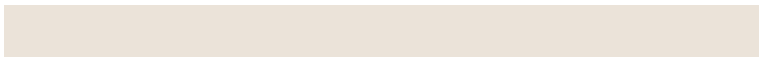
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.1145, 77.4863, 92.7642



75.4944, 77.4863, 90.9332



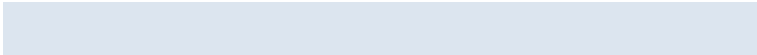
74.1849, 77.4863, 76.4970



71.8327, 77.4863, 78.1294

Sweetspot

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



73.1167, 77.4896, 92.7659



92.3485, 97.3454, 108.5300



74.6401, 82.6528, 86.7489



19.7947, 20.8638, 23.2338



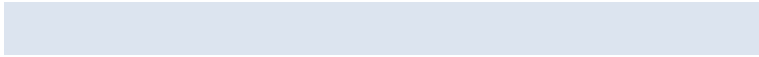
0.0000, 0.0000, 0.0000



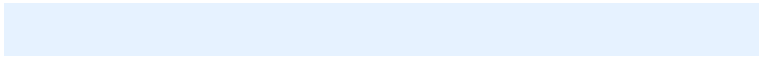
20.3446, 21.4041, 23.3091

Same Dimension

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



73.1167, 77.4896, 92.7659



82.1513, 87.2171, 107.1125



70.7856, 72.6848, 91.9614



15.5150, 16.4642, 20.0818



12.0183, 10.2608, 46.4750



1.0987, 1.0514, 3.8993

Inverse Universe

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



75.3344, 75.1958, 84.6763



85.3624, 83.9615, 95.3841



79.2758, 85.1973, 79.9778



16.0847, 15.8836, 18.0020



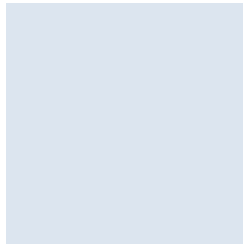
21.3919, 10.8292, 9.9802



1.8295, 0.9209, 1.0932

Previews

White Background



This preview shows how the XYZ color 73.1145, 77.4863, 92.7642 looks on a white background.

Color Contrast Check

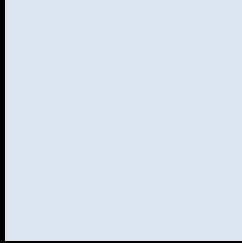
Large Text (above 18pt) WCAG AA × Fail

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 73.1145, 77.4863, 92.7642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

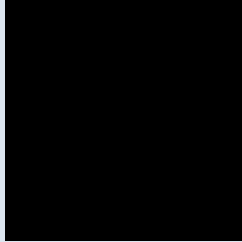
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

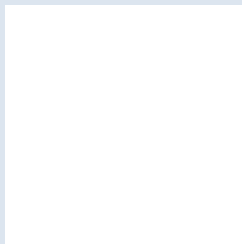
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.1145, 77.4863, 92.7642

Background



This preview shows how black text looks on a background with the XYZ color 73.1145, 77.4863, 92.7642.



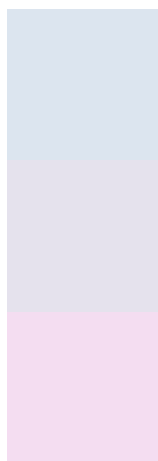
This preview shows how white text looks on a background with the XYZ color 73.1145, 77.4863,

92.7642.

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

73.1145, 77.4863, 92.7642

Protanopia

74.7955, 77.1652, 91.0730

Deuteranopia

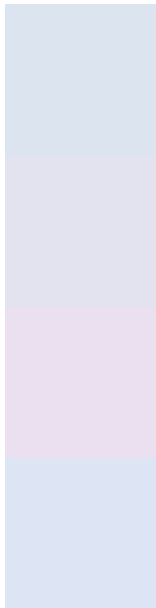
79.0419, 77.2969, 93.9729



Tritanopia

74.1967, 77.5128, 98.2397

Trichromacy



Original Color

73.1145, 77.4863, 92.7642

Protanomaly

74.2657, 77.2800, 91.8912

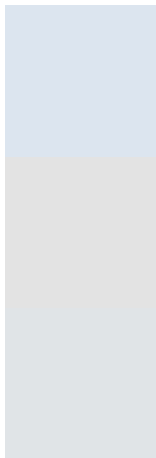
Deuteranomaly

76.6448, 77.2647, 93.3120

Tritanomaly

73.7399, 77.3300, 95.8337

Monochromacy



Original Color

73.1145, 77.4863, 92.7642

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

72.9077, 77.1036, 86.6411

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1145, 77.4863, 92.7642 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(220, 229, 239) looks like.

```
.text, #text, p{  
    color:rgb(220, 229, 239)  
}
```

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(220, 229, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 229, 239) }
```

Border

The CSS property to change the border of an element to XYZ 73.1145, 77.4863, 92.7642 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(220, 229, 239) }
```


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

```
.border{ border-color:rgb(220, 229, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 229, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 229, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 229, 239);  
box-shadow:4px 4px 4px 4px rgb(220, 229,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1145, 77.4863, 92.7642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 229, 239) }
```

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

```
.background{ background-color: rgb(220,  
229, 239) }
```

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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