

Converting Colors

XYZ(72.6229, 77.6119, 90.5137)

Have a look what the booklet for
XYZ(72.6229, 77.6119, 90.5137)
contains.

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Color

**XYZ(72.6506, 77.7098,
90.5273)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DBE6EC |
| RGB | 219, 230, 236 |
| RGB Percent | 86%, 90%, 93% |
| CMY | 0.1412, 0.0980, 0.0745 |
| CMYK | 0.07, 0.03, 0.00, 0.07 |
| HSL | 201°, 31%, 89% |
| HSV | 201°, 7%, 93% |
| XYZ | 72.6506, 77.7098, 90.5273 |
| YIQ | 227.3950, -8.4820, -0.4660 |

Conversions

Conversions Part 2

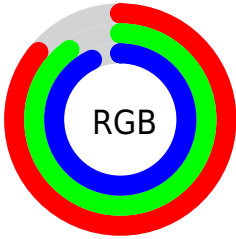
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 219, 226, 236 |
| Decimal | 14411500 |
| CIE Lab | 90.65, -2.52, -4.19 |
| CIE LCh | 91, 4.890, 238.920 |
| Yxy | 77.7098, 0.3016, 0.3226 |
| Android (android.graphics.Color) | 4292601580 (0xFFDBE6EC) |
| YUV | 227.3950, 4.2423, -7.3624 |
| Hunter-Lab | 88.1532, -7.1589, 0.8204 |

Details

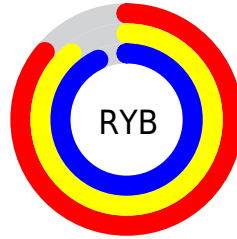
The XYZ color **72.6506, 77.7098, 90.5273** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.3039, 76.7974, 77.9264**, and the grayscale version is **73.2775, 77.0937, 83.9550**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8780, 41.8477, 49.2083** is the 20% darker color. If you saturate the color by 10%, you get **63.7867, 69.7848, 89.4660**, and if you desaturate by 10%, it is **82.6363, 86.3816, 91.6760**.

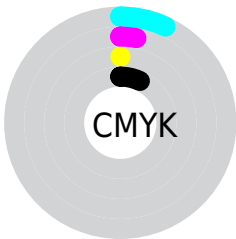
Distribution



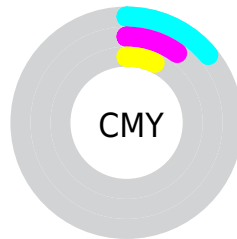
- Red (86%)
- Green (90%)
- Blue (93%)



- Red (86%)
- Yellow (89%)
- Blue (93%)



- Cyan (7%)
- Magenta (3%)
- Yellow (0%)
- Black (7%)



- Cyan (14%)
- Magenta (10%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.6506, 77.7098, 90.5273 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 72.6506, 77.7098, 90.5273 by changing the saturation by 10% instead.

■ 72.6506, 77.7098,
90.5273

■ 72.6506, 77.7098,
90.5273

458.9255,
487.1807, 550.3589

■ 53.9777, 57.8356,
67.8419

121.9869,
130.1410, 150.0125

■ 38.8144, 41.6765,
49.3032

153.3809,
163.4667, 187.6494

■ 26.7955, 28.8481,
34.4928

189.7461,
202.0451, 231.1073

■ 17.5555, 18.9659,
22.9920

231.4476,
246.2606, 280.8045

■ 10.7291, 11.6457,
14.3824

278.8510,
296.4975, 337.1598

■ 5.9509, 6.5029,
8.2453

332.3216,

■ 2.8556, 3.1532,

353.1402, 400.5916

4.1623

392.2246,
416.5731, 471.5185

■ 1.0779, 1.2122,
1.7148

■ 0.0065, 0.0717,
0.3708

■ 72.6506, 77.7098,
90.5273

■ 72.6506, 77.7098,
90.5273

■ 63.7867, 69.7848,
89.4660

■ 82.6363, 86.3816,
91.6760

■ 55.9941, 62.5719,
88.4845

■ 89.5359, 93.6268,
92.7108

■ 49.2284, 56.0482,
87.5819

■ 92.1341, 98.8233,
93.5769

■ 43.4394, 50.1852,
86.7553

■ 92.1406, 98.8362,
93.5791

■ 38.5722, 44.9523,
86.0018

■ 34.5661, 40.3158,
85.3180

■ 31.3526, 36.2377,
84.7002

■ 28.8513, 32.6741,
84.1442

■ 26.9580, 29.5686,
83.6446

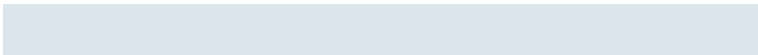
Harmonies

Analogous

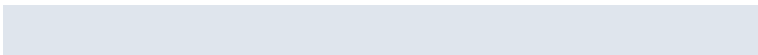
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.8167, 77.7098, 87.9196



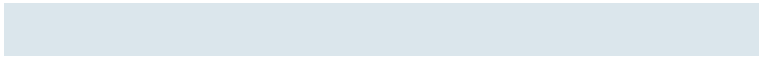
72.6506, 77.7098, 90.5273



73.8164, 77.7098, 91.5436

Triad

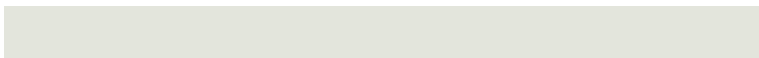
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.6506, 77.7098, 90.5273



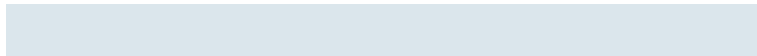
76.2428, 77.7098, 84.7401



72.7268, 77.7098, 78.8401

Complementary

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



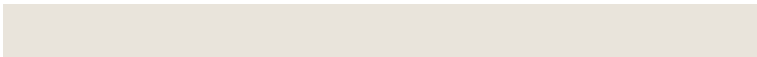
72.6506, 77.7098, 90.5273



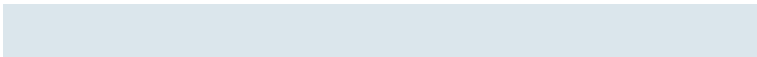
74.3039, 76.7974, 77.9264

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.



73.9053, 77.7098, 78.0409



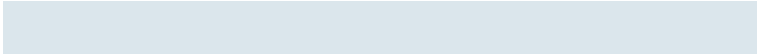
72.6506, 77.7098, 90.5273



75.9434, 77.7098, 81.3899

Square

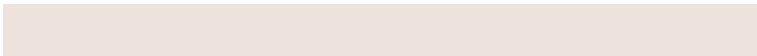
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.6506, 77.7098, 90.5273



75.8981, 77.7098, 88.1460



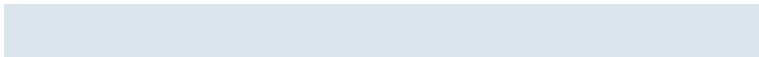
75.0844, 77.7098, 78.9616



71.8603, 77.7098, 81.1753

Rectangle

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



72.6506, 77.7098, 90.5273



74.6278, 77.7098, 91.1610



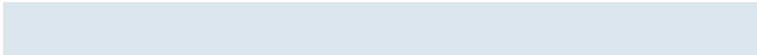
75.0844, 77.7098, 78.9616



73.0991, 77.7098, 78.3858

Sweetspot

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



72.6528, 77.7131, 90.5290



92.6273, 97.9031, 108.6229



72.7940, 80.4858, 82.8985



19.8515, 20.9773, 23.2527



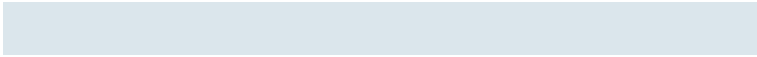
0.0000, 0.0000, 0.0000



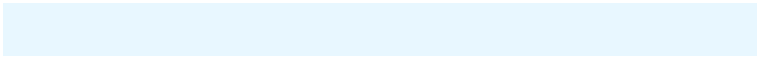
20.3446, 21.4041, 23.3091

Same Dimension

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



72.6528, 77.7131, 90.5290



84.5765, 90.8473, 107.6854



70.3571, 73.1215, 89.7638



15.0447, 16.1758, 19.2516



14.7285, 16.1040, 46.0751



1.2464, 1.4443, 3.6480

Inverse Universe

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



74.2083, 74.2107, 85.2796



86.8844, 85.7109, 99.8830



76.6460, 81.4816, 78.7071



15.4761, 15.2183, 17.7925



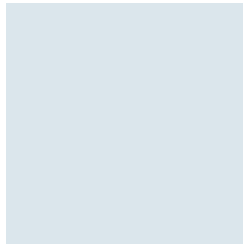
22.2896, 11.1185, 17.8581



1.7956, 0.8912, 1.6412

Previews

White Background



This preview shows how the XYZ color 72.6506, 77.7098, 90.5273 looks on a white background.

Color Contrast Check

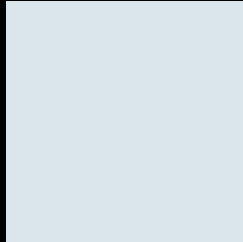
Large Text (above 18pt) WCAG AA × Fail

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 72.6506, 77.7098, 90.5273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

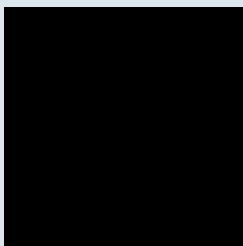
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

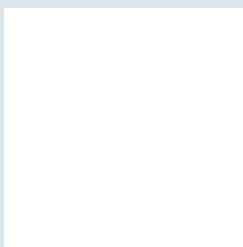
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.6506, 77.7098, 90.5273

Background



This preview shows how black text looks on a background with the XYZ color 72.6506, 77.7098, 90.5273.



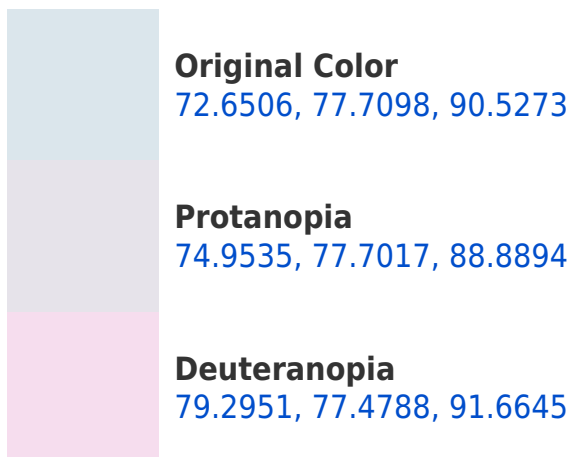
This preview shows how white text looks on a background with the XYZ color 72.6506, 77.7098,

90.5273.

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

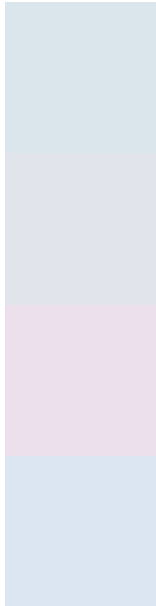




Tritanopia

74.1967, 77.5128, 98.2397

Trichromacy



Original Color

72.6506, 77.7098, 90.5273

Protanomaly

74.1028, 77.6537, 89.6803

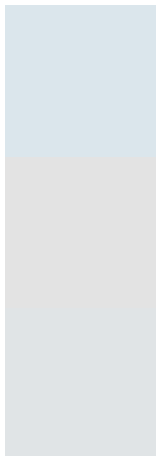
Deuteranomaly

76.5338, 77.2586, 90.9994

Tritanomaly

73.5615, 77.6651, 95.1182

Monochromacy



Original Color

72.6506, 77.7098, 90.5273

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

72.7668, 77.0473, 85.8993

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.6506, 77.7098, 90.5273 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(219, 230, 236) looks like.

```
.text, #text, p{  
    color:rgb(219, 230, 236)  
}
```

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(219, 230, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 230, 236) }
```

Border

The CSS property to change the border of an element to XYZ 72.6506, 77.7098, 90.5273 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(219, 230, 236) }
```


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

```
.border{ border-color:rgb(219, 230, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 230, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 230, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 230, 236);  
box-shadow:4px 4px 4px 4px rgb(219, 230,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 72.6506, 77.7098, 90.5273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 230, 236) }
```

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

```
.background{ background-color: rgb(219,  
230, 236) }
```

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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