

Converting Colors

XYZ(72.9307, 75.9773, 92.1601)

Have a look what the booklet for
XYZ(72.9307, 75.9773, 92.1601)
contains.

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Color

**XYZ(73.2078, 76.3127,
92.5327)**

Conversions

Conversions Part 1

Format	Color
Hex	DFE2EF
RGB	223, 226, 239
RGB Percent	87%, 89%, 94%
CMY	0.1255, 0.1137, 0.0627
CMYK	0.07, 0.05, 0.00, 0.06
HSL	229°, 33%, 91%
HSV	229°, 7%, 94%
XYZ	73.2078, 76.3127, 92.5327
YIQ	226.5850, -5.9610, 3.4070

Conversions

Conversions Part 2

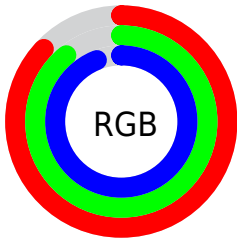
Format	Color
R _Y B	223, 226, 239
Decimal	14672623
CIE Lab	90.00, 1.41, -6.68
CIE LCh	90, 6.823, 281.949
Yxy	76.3127, 0.3024, 0.3153
Android (android.graphics.Color)	4292862703 (0xFFDFE2EF)
YUV	226.5850, 6.1206, -3.1440
Hunter-Lab	87.3571, -3.2869, -1.6527

Details

The XYZ color **73.2078, 76.3127, 92.5327** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.9116, 83.6687, 81.8040**, and the grayscale version is **72.6743, 76.4590, 83.2639**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2586, 40.8695, 50.6192** is the 20% darker color. If you saturate the color by 10%, you get **61.3744, 62.8160, 90.5524**, and if you desaturate by 10%, it is **86.6828, 91.5471, 94.7642**.

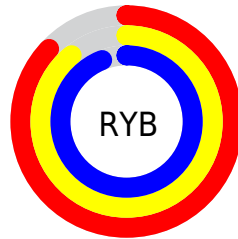
Distribution



Red (87%)

Green (89%)

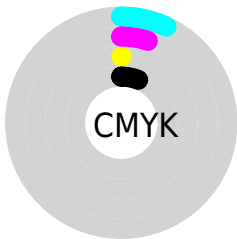
Blue (94%)



Red (87%)

Yellow (89%)

Blue (94%)

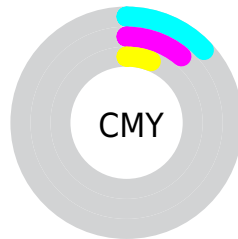


Cyan (7%)

Magenta (5%)

Yellow (0%)

Black (6%)



Cyan (13%)

Magenta (11%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.2078, 76.3127, 92.5327 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 73.2078, 76.3127, 92.5327 by changing the saturation by 10% instead.

■ 73.2078, 76.3127,
92.5327

■ 73.2078, 76.3127,
92.5327

460.8273,
482.4175, 557.0169

■ 54.4349, 56.6890,
69.4977

122.7737,
128.1688, 152.8176

■ 39.1815, 40.7556,
50.6428

154.2974,
161.1700, 190.9045

■ 27.0823, 28.1281,
35.5497

190.8021,
199.3991, 234.8458

■ 17.7720, 18.4223,
23.7997

232.6531,
243.2405, 285.0600

■ 10.8851, 11.2536,
14.9743

280.2157,
293.0787, 341.9657

■ 6.0563, 6.2377,
8.6549

333.8554,

■ 2.9204, 2.9901,

349.2980, 405.9814

4.4231

393.9375,
412.2828, 477.5256

■ 1.1118, 1.1266,
1.8602

■ 0.0349, 0.0005,
0.4672

■ 73.2078, 76.3127,
92.5327

■ 73.2078, 76.3127,
92.5327

■ 61.3744, 62.8160,
90.5524

■ 86.6828, 91.5471,
94.7642

■ 51.1127, 50.9854,
88.8098

■ 92.5802, 99.0121,
95.8943

■ 42.3578, 40.7584,
87.2972

■ 35.0374, 32.0647,
86.0050

■ 29.0732, 24.8290,
84.9227

■ 24.3794, 18.9693,
84.0390

■ 20.8597, 14.3948,
83.3416

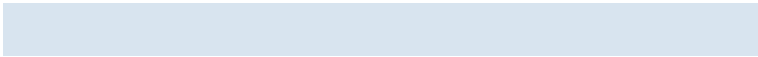
■ 18.4036, 11.0037,
82.8165

■ 16.8752, 8.6753,
82.4476

Harmonies

Analogous

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



71.5307, 76.3127, 92.2575



73.2078, 76.3127, 92.5327



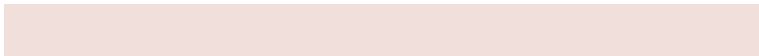
74.7269, 76.3127, 90.2069

Triad

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



73.2078, 76.3127, 92.5327



74.9766, 76.3127, 77.0246



69.4871, 76.3127, 80.2412

Complementary

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



73.2078, 76.3127, 92.5327



78.9116, 83.6687, 81.8040

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.



70.3824, 76.3127, 76.3606



73.2078, 76.3127, 92.5327



73.5445, 76.3127, 74.5537

Square

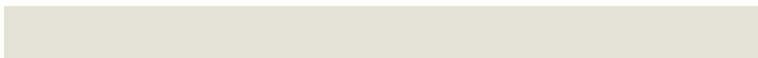
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.2078, 76.3127, 92.5327



75.7587, 76.3127, 81.1796



71.8622, 76.3127, 74.3155



69.4001, 76.3127, 85.0333

Rectangle

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



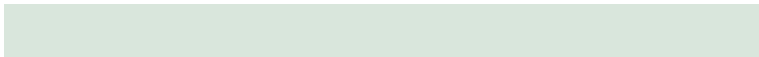
73.2078, 76.3127, 92.5327



75.4386, 76.3127, 87.5451



71.8622, 76.3127, 74.3155



69.7028, 76.3127, 78.7917

Sweetspot

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



73.2100, 76.3159, 92.5344



91.8911, 96.4308, 108.3776



76.4105, 83.4668, 91.2893



19.7016, 20.6776, 23.2027



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.



73.2100, 76.3159, 92.5344



82.8787, 86.2135, 106.8804



73.9005, 75.4701, 92.3347



15.1373, 15.7087, 19.9559



9.1952, 4.6147, 45.5340



0.8306, 0.5152, 3.8099

Inverse Universe

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



75.7135, 76.6187, 82.7536



86.3297, 86.6462, 93.3943



78.1844, 84.5883, 82.0198



15.8940, 15.8073, 16.9980



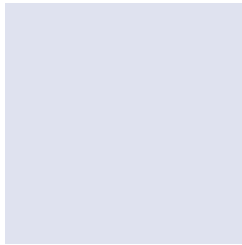
19.9669, 10.2592, 2.4765



1.6942, 0.8667, 0.3805

Previews

White Background



This preview shows how the XYZ color 73.2078, 76.3127, 92.5327 looks on a white background.

Color Contrast Check

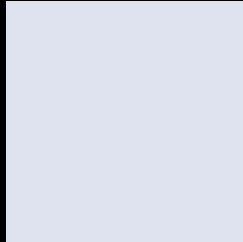
Large Text (above 18pt) WCAG AA × Fail

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 73.2078, 76.3127, 92.5327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

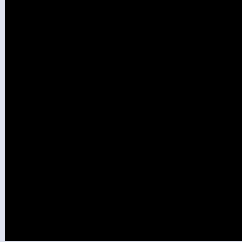
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

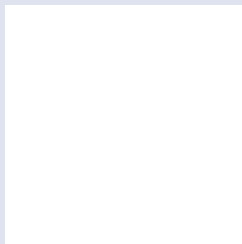
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.2078, 76.3127, 92.5327

Background



This preview shows how black text looks on a background with the XYZ color 73.2078, 76.3127, 92.5327.

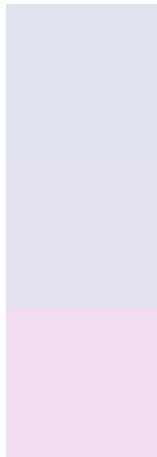


This preview shows how white text looks on a background with the XYZ color 73.2078, 76.3127,

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

73.2078, 76.3127, 92.5327

Protanopia

74.0364, 76.3544, 91.7247

Deuteranopia

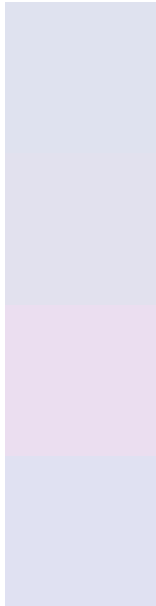
77.9393, 76.3549, 93.0682



Tritanopia

73.8433, 76.1688, 95.6041

Trichromacy



Original Color

73.2078, 76.3127, 92.5327

Protanomaly

73.7219, 76.1922, 91.7099

Deuteranomaly

76.1104, 76.1960, 93.1339

Tritanomaly

73.6927, 76.1085, 94.8108

Monochromacy



Original Color

73.2078, 76.3127, 92.5327

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.2569, 76.8764, 86.5789

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2078, 76.3127, 92.5327 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, 239) looks like.

```
.text, #text, p{  
    color:rgb(223, 226, 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(223, 226, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 226, 239) }
```

Border

The CSS property to change the border of an element to XYZ 73.2078, 76.3127, 92.5327 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, 239) }
```


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

```
.border{ border-color:rgb(223, 226, 239) }
```

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, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 226, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 226, 239); box-shadow:4px 4px 4px 4px rgb(223, 226, 239) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2078, 76.3127, 92.5327 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, 239) }
```

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

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