

Converting Colors

XYZ(73.5132, 76.4470, 94.3308)

Have a look what the booklet for
XYZ(73.5132, 76.4470, 94.3308)
contains.

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Color

**XYZ(73.5050, 76.4316,
94.0977)**

Conversions

Conversions Part 1

Format	Color
Hex	DFE2F1
RGB	223, 226, 241
RGB Percent	87%, 89%, 95%
CMY	0.1255, 0.1137, 0.0549
CMYK	0.07, 0.06, 0.00, 0.05
HSL	230°, 39%, 91%
HSV	230°, 7%, 95%
XYZ	73.5050, 76.4316, 94.0977
YIQ	226.8130, -6.6030, 4.0290

Conversions

Conversions Part 2

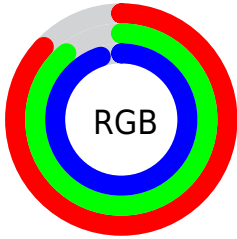
Format	Color
R_{YB}	223, 226, 241
Decimal	14672625
CIE _{Lab}	90.06, 1.79, -7.64
CIE _{LCh}	90, 7.851, 283.217
Yxy	76.4316, 0.3012, 0.3132
Android (android.graphics.Color)	4292862705 (0xFFDFE2F1)
YUV	226.8130, 6.9942, -3.3440
Hunter-Lab	87.4252, -2.9155, -2.6176

Details

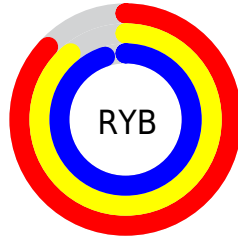
The XYZ color **73.5050, 76.4316, 94.0977** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80.1697, 85.1769, 82.0288**, and the grayscale version is **72.8340, 76.6270, 83.4468**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4683, 40.9534, 51.7235** is the 20% darker color. If you saturate the color by 10%, you get **61.4581, 62.5868, 92.0615**, and if you desaturate by 10%, it is **87.2526, 92.1065, 96.3999**.

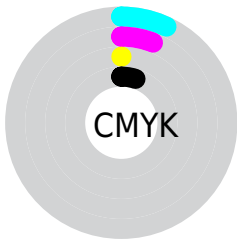
Distribution



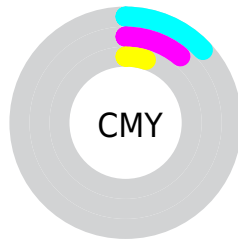
- Red (87%)
- Green (89%)
- Blue (95%)



- Red (87%)
- Yellow (89%)
- Blue (95%)



- Cyan (7%)
- Magenta (6%)
- Yellow (0%)
- Black (5%)



- Cyan (13%)
- Magenta (11%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.5050, 76.4316, 94.0977 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 73.5050, 76.4316, 94.0977 by changing the saturation by 10% instead.

■ 73.5050, 76.4316,
94.0977

■ 73.5050, 76.4316,
94.0977

461.8399,
482.8239, 562.1827

■ 54.6788, 56.7865,
70.7915

123.1931,
128.3368, 155.0023

■ 39.3775, 40.8338,
51.6913

154.7858,
161.3657, 193.4377

■ 27.2355, 28.1893,
36.3785

191.3647,
199.6246, 237.7533

■ 17.8877, 18.4684,
24.4347

233.2952,
243.4980, 288.3677

■ 10.9686, 11.2868,
15.4412

280.9426,
293.3702, 345.6992

■ 6.1129, 6.2601,
8.9796

334.6723,

■ 2.9551, 3.0039,

349.6257, 410.1665

4.6312

394.8496,
412.6488, 482.1882

■ 1.1301, 1.1337,
1.9776

■ 0.0501, 0.0066,
0.5415

■ 73.5050, 76.4316,
94.0977

■ 73.5050, 76.4316,
94.0977

■ 61.4581, 62.5868,
92.0615

■ 87.2526, 92.1065,
96.3999

■ 51.0389, 50.4955,
90.2768

■ 92.8774, 99.1310,
97.4593

■ 42.1787, 40.0901,
88.7353

■ 34.8016, 31.2946,
87.4264

■ 28.8250, 24.0274,
86.3387

■ 24.1581, 18.1994,
85.4598

■ 20.6992, 13.7121,
84.7760

■ 18.3305, 10.4536,
84.2719

■ 16.9034, 8.2897,
83.9294

Harmonies

Analogous

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



71.5706, 76.4316, 93.9105



73.5050, 76.4316, 94.0977



75.2390, 76.4316, 91.2792

Triad

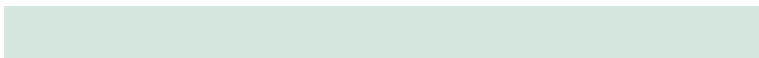
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.5050, 76.4316, 94.0977



75.4077, 76.4316, 76.0951



69.1214, 76.4316, 80.1643

Complementary

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



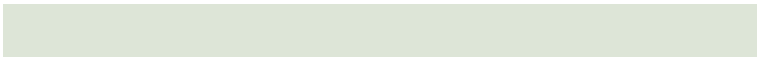
73.5050, 76.4316, 94.0977



80.1697, 85.1769, 82.0288

Split Complementary

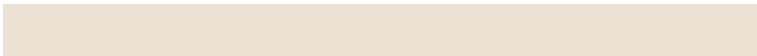
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.1132, 76.4316, 75.6516



73.5050, 76.4316, 94.0977



73.7320, 76.4316, 73.3752

Square

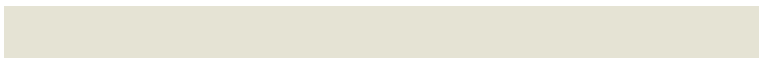
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.5050, 76.4316, 94.0977



76.3506, 76.4316, 80.7944



71.7936, 76.4316, 73.2165



69.0631, 76.4316, 85.6958

Rectangle

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



73.5050, 76.4316, 94.0977



76.0385, 76.4316, 88.1449



71.7936, 76.4316, 73.2165



69.3558, 76.4316, 78.4840

Sweetspot

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



73.5072, 76.4348, 94.0994



91.8579, 96.3644, 108.3665



77.2766, 84.7553, 92.9457



19.6948, 20.6641, 23.2005



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.



73.5072, 76.4348, 94.0994



81.3057, 84.3056, 106.5951



74.4836, 75.7364, 93.9131



15.1103, 15.6548, 19.9469



9.0903, 4.4049, 45.4990



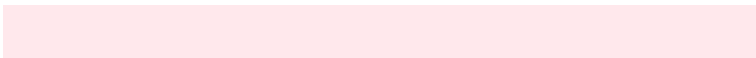
0.8179, 0.4897, 3.8056

Inverse Universe

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



76.3925, 76.9687, 82.7854



85.2335, 85.0505, 91.1891



79.1359, 85.9528, 82.2331



15.8804, 15.8019, 16.9263



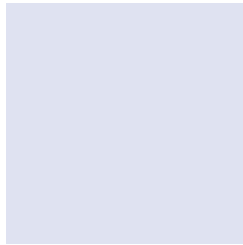
19.9140, 10.2380, 2.1977



1.6878, 0.8642, 0.3466

Previews

White Background



This preview shows how the XYZ color 73.5050, 76.4316, 94.0977 looks on a white background.

Color Contrast Check

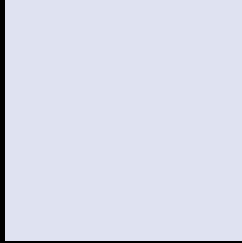
Large Text (above 18pt) WCAG AA × Fail

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 73.5050, 76.4316, 94.0977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

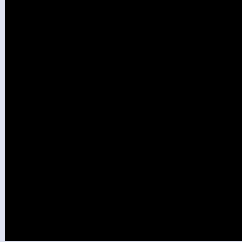
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

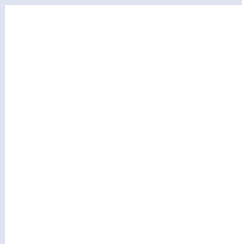
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.5050, 76.4316, 94.0977

Background



This preview shows how black text looks on a background with the XYZ color 73.5050, 76.4316, 94.0977.

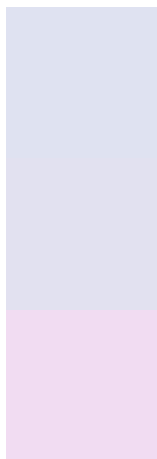


This preview shows how white text looks on a background with the XYZ color 73.5050, 76.4316,

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

73.5050, 76.4316, 94.0977

Protanopia

74.0174, 76.3104, 93.2663

Deuteranopia

77.8958, 76.2980, 94.6258



Tritanopia

73.8054, 76.5518, 95.6800

Trichromacy



Original Color

73.5050, 76.4316, 94.0977

Protanomaly

73.7047, 76.1492, 93.2517

Deuteranomaly

76.0800, 76.1458, 94.6922

Tritanomaly

73.6548, 76.4915, 94.8867

Monochromacy



Original Color

73.5050, 76.4316, 94.0977

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.3986, 76.9331, 87.3250

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.5050, 76.4316, 94.0977 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, 241)` looks like.

```
.text, #text, p{  
    color:rgb(223, 226, 241)  
}
```

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, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 226, 241) }
```

Border

The CSS property to change the border of an element to XYZ 73.5050, 76.4316, 94.0977 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, 241) }
```


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

```
.border{ border-color:rgb(223, 226, 241) }
```

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, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 226, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 226, 241);  
box-shadow:4px 4px 4px 4px rgb(223, 226,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 73.5050, 76.4316, 94.0977 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, 241) }
```

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

```
.background{ background-color: rgb(223,  
226, 241) }
```

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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