

Converting Colors

XYZ(73.9951, 75.8077, 93.4156)

Have a look what the booklet for
XYZ(73.9951, 75.8077, 93.4156)
contains.

XYZ(74.0624, 75.9335, 93.1912)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.0624, 75.9335,
93.1912)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E0F0
RGB	227, 224, 240
RGB Percent	89%, 88%, 94%
CMY	0.1098, 0.1215, 0.0588
CMYK	0.05, 0.07, 0.00, 0.06
HSL	251°, 35%, 91%
HSV	251°, 7%, 94%
XYZ	74.0624, 75.9335, 93.1912
YIQ	226.7210, -3.3480, 5.6120

Conversions

Conversions Part 2

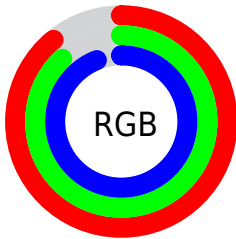
Format	Color
R_{YB}	227, 224, 240
Decimal	14934256
CIE _{Lab}	89.83, 3.95, -7.43
CIE _{LCh}	90, 8.411, 297.990
Yxy	75.9335, 0.3045, 0.3122
Android (android.graphics.Color)	4293124336 (0xFFE3E0F0)
YUV	226.7210, 6.5465, 0.2447
Hunter-Lab	87.1398, -0.7829, -2.4095

Details

The XYZ color **74.0624, 75.9335, 93.1912** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79.5425, 85.7086, 82.8759**, and the grayscale version is **72.7686, 76.5583, 83.3719**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8530, 40.6073, 51.0849** is the 20% darker color. If you saturate the color by 10%, you get **62.2552, 60.9395, 90.9205**, and if you desaturate by 10%, it is **87.4813, 93.1140, 95.8013**.

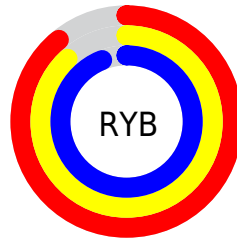
Distribution



Red (89%)

Green (88%)

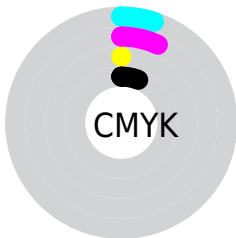
Blue (94%)



Red (89%)

Yellow (88%)

Blue (94%)

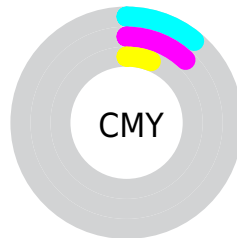


Cyan (5%)

Magenta (7%)

Yellow (0%)

Black (6%)



Cyan (11%)

Magenta (12%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.0624, 75.9335, 93.1912 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 74.0624, 75.9335, 93.1912 by changing the saturation by 10% instead.

■ 74.0624, 75.9335,
93.1912

■ 74.0624, 75.9335,
93.1912

463.7357,
481.1200, 559.1937

■ 55.1366, 56.3780,
70.0419

123.9793,
127.6329, 153.7373

■ 39.7454, 40.5061,
51.0837

155.7011,
160.5456, 191.9711

■ 27.5234, 27.9333,
35.8980

192.4189,
198.6794, 236.0703

■ 18.1053, 18.2754,
24.0664

234.4980,
242.4188, 286.4532

■ 11.1258, 11.1479,
15.1702

282.3040,
292.1482, 343.5384

■ 6.2194, 6.1664,
8.7910

336.2020,

■ 3.0209, 2.9465,

348.2519, 407.7446

4.5101

396.5574,
411.1144, 479.4901

■ 1.1648, 1.1039,
1.9092

■ 0.0783, 0.0000,
0.4986

■ 74.0624, 75.9335,
93.1912

■ 74.0624, 75.9335,
93.1912

■ 62.2552, 60.9395,
90.9205

■ 87.4813, 93.1140,
95.8013

■ 51.9921, 48.0345,
88.9705

■ 92.7284, 99.0714,
96.6746

■ 43.2102, 37.1280,
87.3282

■ 35.8398, 28.1190,
85.9778

■ 29.8056, 20.8977,
84.9020

■ 25.0248, 15.3428,
84.0817

■ 21.4052, 11.3175,
83.4956

■ 18.8412, 8.6630,
83.1183

■ 17.2040, 7.1810,
82.9186

Harmonies

Analogous

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



72.0326, 75.9335, 94.6395



74.0624, 75.9335, 93.1912



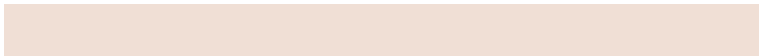
75.6109, 75.9335, 88.8884

Triad

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



74.0624, 75.9335, 93.1912



74.3094, 75.9335, 73.3577



68.2558, 75.9335, 82.2783

Complementary

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



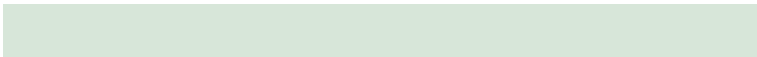
74.0624, 75.9335, 93.1912



79.5425, 85.7086, 82.8759

Split Complementary

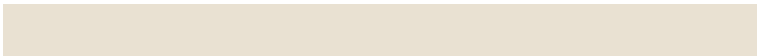
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.8399, 75.9335, 76.7651



74.0624, 75.9335, 93.1912



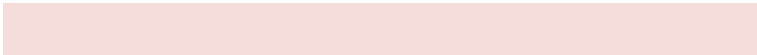
72.3126, 75.9335, 71.7706

Square

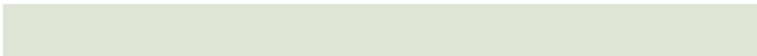
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.0624, 75.9335, 93.1912



75.7555, 75.9335, 77.4280



70.3151, 75.9335, 72.9880



68.7044, 75.9335, 88.1615

Rectangle

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



74.0624, 75.9335, 93.1912



76.1482, 75.9335, 85.0806



70.3151, 75.9335, 72.9880



68.3377, 75.9335, 80.3224

Sweetspot

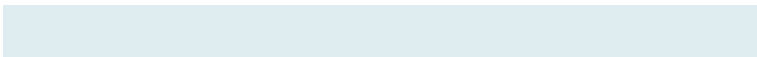
The Sweet Spot groups the original color and five complimentary colors.



74.0646, 75.9367, 93.1929



91.9361, 96.0115, 108.2943



76.7747, 82.7478, 94.3647



19.7108, 20.5922, 23.1858



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.



74.0646, 75.9367, 93.1929



83.0455, 84.6580, 106.5714



76.6253, 77.2568, 93.3127



15.1735, 15.3712, 19.8888



9.2826, 3.7907, 45.3703



0.8479, 0.3543, 3.7779

Inverse Universe

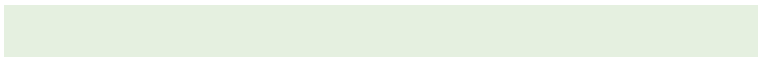
The Inverse Universe completely reimagines the original color for something new.



77.8796, 77.9544, 91.0666



88.2747, 87.4242, 103.6364



76.9515, 84.3728, 82.7546



16.3199, 15.9777, 19.2405



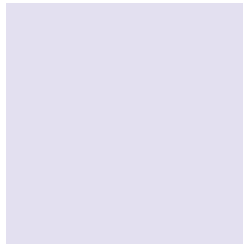
25.1128, 12.3176, 29.5745



2.1216, 1.0377, 2.6312

Previews

White Background



This preview shows how the XYZ color 74.0624, 75.9335, 93.1912 looks on a white background.

Color Contrast Check

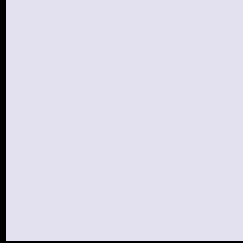
Large Text (above 18pt) WCAG AA × Fail

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 74.0624, 75.9335, 93.1912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

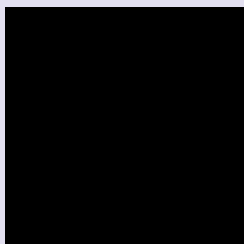
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.0624, 75.9335, 93.1912

Background



This preview shows how black text looks on a background with the XYZ color 74.0624, 75.9335, 93.1912.

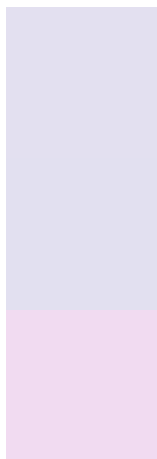


This preview shows how white text looks on a background with the XYZ color 74.0624, 75.9335,

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

74.0624, 75.9335, 93.1912

Protanopia

73.7479, 75.7713, 93.1765

Deuteranopia

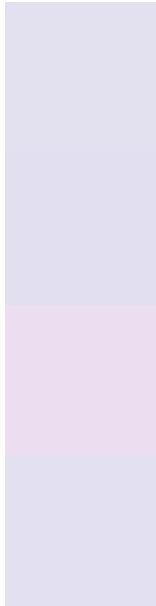
77.4843, 75.7147, 93.7496



Tritanopia

74.2114, 75.9931, 93.9759

Trichromacy



Original Color

74.0624, 75.9335, 93.1912

Protanomaly

73.7479, 75.7713, 93.1765

Deuteranomaly

76.3257, 75.8966, 93.8458

Tritanomaly

74.2114, 75.9931, 93.9759

Monochromacy



Original Color

74.0624, 75.9335, 93.1912

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.4404, 76.5498, 87.2488

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.0624, 75.9335, 93.1912 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(227, 224, 240)` looks like.

```
.text, #text, p{  
    color:rgb(227, 224, 240)  
}
```

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(227, 224, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 224, 240) }
```

Border

The CSS property to change the border of an element to XYZ 74.0624, 75.9335, 93.1912 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(227, 224, 240) }
```


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

```
.border{ border-color:rgb(227, 224, 240) }
```

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

Here you see how a box with a 4 pixel rgb(227, 224, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 224, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 224, 240);  
box-shadow:4px 4px 4px 4px rgb(227, 224,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0624, 75.9335, 93.1912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 224, 240) }
```

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

```
.background{ background-color: rgb(227,  
224, 240) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor