

Converting Colors

XYZ(75.1344, 78.0664, 95.1127)

Have a look what the booklet for
XYZ(75.1344, 78.0664, 95.1127)
contains.

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Color

**XYZ(75.1344, 78.0664,
95.1127)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E4F2
RGB	226, 228, 242
RGB Percent	89%, 89%, 95%
CMY	0.1137, 0.1059, 0.0510
CMYK	0.07, 0.06, 0.00, 0.05
HSL	232°, 38%, 92%
HSV	232°, 7%, 95%
XYZ	75.1344, 78.0664, 95.1127
YIQ	228.9980, -5.6860, 3.9300

Conversions

Conversions Part 2

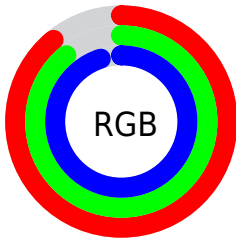
Format	Color
R _Y B	226, 228, 242
Decimal	14869746
CIE Lab	90.81, 1.92, -7.03
CIE LCh	91, 7.289, 285.312
Yxy	78.0664, 0.3026, 0.3144
Android (android.graphics.Color)	4293059826 (0xFFE2E4F2)
YUV	228.9980, 6.4100, -2.6292
Hunter-Lab	88.3552, -2.8310, -1.9759

Details

The XYZ color **75.1344, 78.0664, 95.1127** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.5056, 86.6874, 84.3892**, and the grayscale version is **74.4340, 78.3103, 85.2800**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6011, 42.0902, 52.4387** is the 20% darker color. If you saturate the color by 10%, you get **62.6038, 63.4861, 92.9600**, and if you desaturate by 10%, it is **89.4536, 94.6316, 97.5566**.

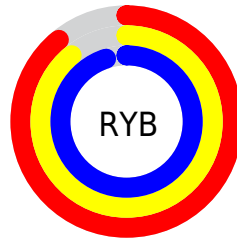
Distribution



Red (89%)

Green (89%)

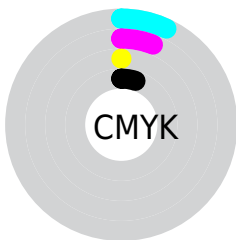
Blue (95%)



Red (89%)

Yellow (89%)

Blue (95%)

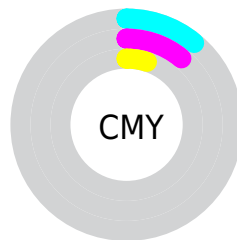


Cyan (7%)

Magenta (6%)

Yellow (0%)

Black (5%)



Cyan (11%)

Magenta (11%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.1344, 78.0664, 95.1127 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 75.1344, 78.0664, 95.1127 by changing the saturation by 10% instead.

■ 75.1344, 78.0664,
95.1127

■ 75.1344, 78.0664,
95.1127

467.3695,
488.3923, 565.5193

■ 56.0176, 58.1285,
71.6314

125.4895,
130.6437, 156.4172

■ 40.4541, 41.9120,
52.3726

157.4584,
164.0520, 195.0775

■ 28.0785, 29.0324,
36.9179

194.4422,
202.7191, 239.6345

■ 18.5256, 19.1053,
24.8486

236.8060,
247.0296, 290.5067

■ 11.4300, 11.7464,
15.7463

284.9153,
297.3677, 348.1128

■ 6.4262, 6.5712,
9.1924

339.1354,

■ 3.1491, 3.1954,

354.1179, 412.8712

4.7684

399.8316,
417.6647, 485.2005

■ 1.2331, 1.2346,
2.0557

■ 0.1322, 0.0897,
0.5892

■ 75.1344, 78.0664,
95.1127

■ 75.1344, 78.0664,
95.1127

■ 62.6038, 63.4861,
92.9600

■ 89.4536, 94.6316,
97.5566

■ 51.7848, 50.8064,
91.0828

■ 93.0272, 99.1909,
98.2483

■ 42.6046, 39.9516,
89.4715

■ 34.9829, 30.8374,
88.1140

■ 28.8321, 23.3723,
86.9973

■ 24.0562, 17.4568,
86.1072

■ 20.5474, 12.9801,
85.4280

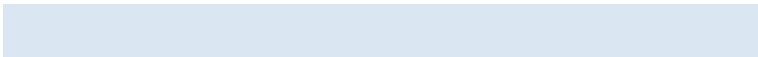
■ 18.1815, 9.8166,
84.9421

■ 16.8065, 7.8171,
84.6286

Harmonies

Analogous

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



73.3098, 78.0664, 95.1434



75.1344, 78.0664, 95.1127



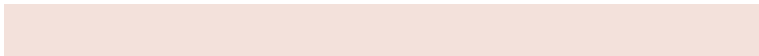
76.7338, 78.0664, 92.2987

Triad

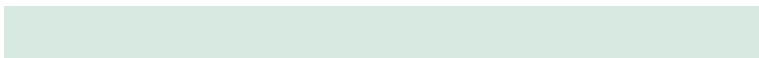
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.1344, 78.0664, 95.1127



76.7060, 78.0664, 78.0250



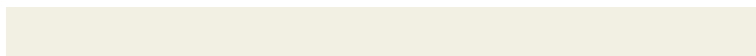
70.8425, 78.0664, 82.4674

Complementary

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



75.1344, 78.0664, 95.1127



81.5056, 86.6874, 84.3892

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.



71.7222, 78.0664, 78.0986



75.1344, 78.0664, 95.1127



75.0970, 78.0664, 75.6063

Square

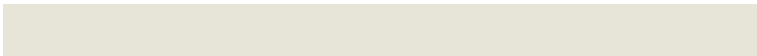
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.1344, 78.0664, 95.1127



77.6512, 78.0664, 82.3633



73.2729, 78.0664, 75.6327



70.8521, 78.0664, 87.6945

Rectangle

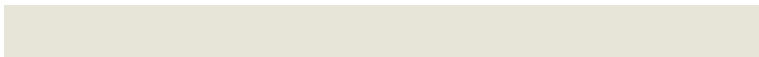
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



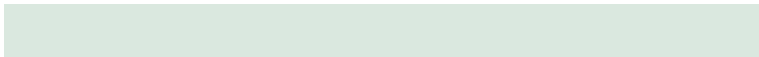
75.1344, 78.0664, 95.1127



77.4483, 78.0664, 89.2869



73.2729, 78.0664, 75.6327



71.0434, 78.0664, 80.8546

Sweetspot

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



75.1367, 78.0697, 95.1144



91.7918, 96.2320, 108.3444



78.8257, 85.9576, 94.7724



19.6814, 20.6371, 23.1960



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.



75.1367, 78.0697, 95.1144



82.5081, 85.4723, 106.7569



76.4600, 77.9382, 95.0193



15.0568, 15.5476, 19.9290



8.9161, 4.0565, 45.4409



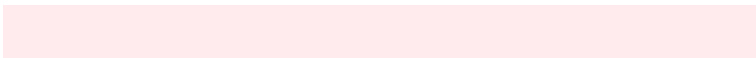
0.7925, 0.4390, 3.7972

Inverse Universe

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



77.8196, 78.8728, 84.5252



86.1426, 86.5714, 92.4092



80.1171, 86.8522, 84.4942



15.8533, 15.7910, 16.7839



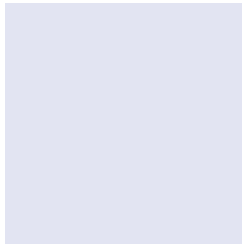
19.8261, 10.2029, 1.7347



1.6750, 0.8590, 0.2793

Previews

White Background



This preview shows how the XYZ color 75.1344, 78.0664, 95.1127 looks on a white background.

Color Contrast Check

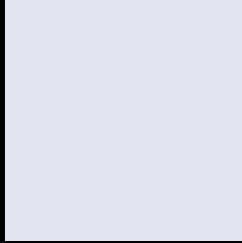
Large Text (above 18pt) WCAG AA × Fail

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 75.1344, 78.0664, 95.1127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

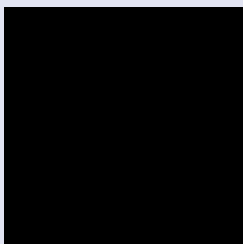
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

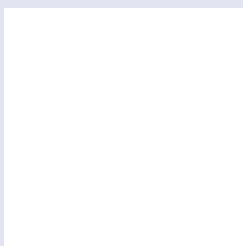
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.1344, 78.0664, 95.1127

Background



This preview shows how black text looks on a background with the XYZ color 75.1344, 78.0664, 95.1127.



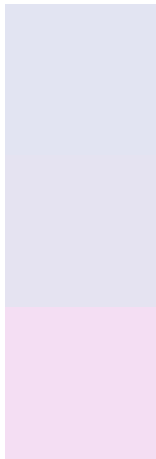
This preview shows how white text looks on a background with the XYZ color 75.1344, 78.0664,

95.1127.

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

75.1344, 78.0664, 95.1127

Protanopia

75.6594, 77.9471, 94.2767

Deuteranopia

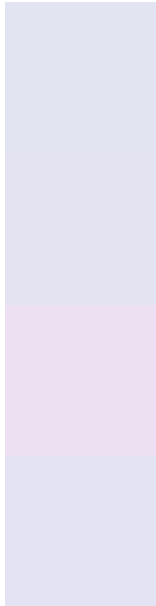
79.6072, 77.9467, 95.6435



Tritanopia

75.6291, 77.8616, 97.4289

Trichromacy



Original Color

75.1344, 78.0664, 95.1127

Protanomaly

75.3412, 77.7830, 94.2618

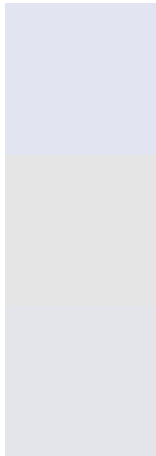
Deuteranomaly

77.7584, 77.7869, 95.7101

Tritanomaly

75.4768, 77.8007, 96.6269

Monochromacy



Original Color

75.1344, 78.0664, 95.1127

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.8655, 78.4731, 89.0429

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1344, 78.0664, 95.1127 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(226, 228, 242) looks like.

```
.text, #text, p{  
    color:rgb(226, 228, 242)  
}
```

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(226, 228, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 228, 242) }
```

Border

The CSS property to change the border of an element to XYZ 75.1344, 78.0664, 95.1127 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(226, 228, 242) }
```


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

```
.border{ border-color:rgb(226, 228, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 228, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 228, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 228, 242);  
box-shadow:4px 4px 4px 4px rgb(226, 228,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1344, 78.0664, 95.1127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 228, 242) }
```

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

```
.background{ background-color: rgb(226,  
228, 242) }
```

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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