

Converting Colors

XYZ(75.1689, 77.1162, 97.3751)

Have a look what the booklet for
XYZ(75.1689, 77.1162, 97.3751)
contains.

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Color

**XYZ(75.3563, 77.3162,
97.3380)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E2F5
RGB	227, 226, 245
RGB Percent	89%, 89%, 96%
CMY	0.1098, 0.1137, 0.0392
CMYK	0.07, 0.08, 0.00, 0.04
HSL	243°, 49%, 92%
HSV	243°, 8%, 96%
XYZ	75.3563, 77.3162, 97.3380
YIQ	228.4650, -5.5030, 6.1210

Conversions

Conversions Part 2

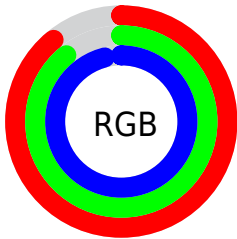
Format	Color
R _Y B	227, 226, 245
Decimal	14934773
CIE Lab	90.47, 3.86, -9.10
CIE LCh	90, 9.886, 292.977
Yxy	77.3162, 0.3014, 0.3093
Android (android.graphics.Color)	4293124853 (0xFFE3E2F5)
YUV	228.4650, 8.1518, -1.2848
Hunter-Lab	87.9296, -0.9011, -4.0832

Details

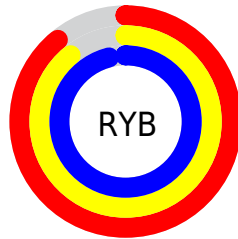
The XYZ color **75.3563, 77.3162, 97.3380** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83.6911, 90.0310, 84.9221**, and the grayscale version is **74.0302, 77.8856, 84.8174**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7615, 41.5706, 54.0197** is the 20% darker color. If you saturate the color by 10%, you get **62.3297, 61.4091, 94.9554**, and if you desaturate by 10%, it is **90.3267, 95.6426, 100.0875**.

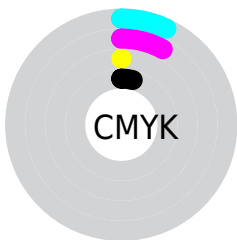
Distribution



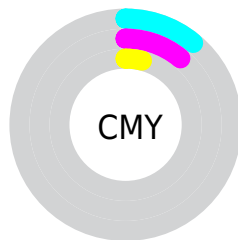
- Red (89%)
- Green (89%)
- Blue (96%)



- Red (89%)
- Yellow (89%)
- Blue (96%)



- Cyan (7%)
- Magenta (8%)
- Yellow (0%)
- Black (4%)



- Cyan (11%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.3563, 77.3162, 97.3380 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 75.3563, 77.3162, 97.3380 by changing the saturation by 10% instead.

■ 75.3563, 77.3162,
97.3380

■ 75.3563, 77.3162,
97.3380

468.1197,
485.8414, 572.7975

■ 56.2000, 57.5124,
73.4748

125.8018,
129.5857, 159.5140

■ 40.6010, 41.4168,
53.8701

157.8218,
162.8203, 198.6638

■ 28.1937, 28.6449,
38.1054

194.8603,
201.3006, 243.7464

■ 18.6129, 18.8124,
25.7620

237.2828,
245.4109, 295.1800

■ 11.4933, 11.5348,
16.4215

285.4547,
295.5358, 353.3835

■ 6.4694, 6.4277,
9.6653

339.7412,

■ 3.1759, 3.1069,

352.0596, 418.7752

5.0749

400.5077,
415.3667, 491.7736

■ 1.2474, 1.1878,
2.2318

■ 0.1433, 0.0517,
0.6926

■ 75.3563, 77.3162,
97.3380

■ 75.3563, 77.3162,
97.3380

■ 62.3297, 61.4091,
94.9554

■ 90.3267, 95.6426,
100.0875

■ 51.1605, 47.8110,
92.9194

■ 93.4817, 99.3727,
100.6412

■ 41.7663, 36.4174,
91.2153

■ 34.0555, 27.1122,
89.8256

■ 27.9285, 19.7686,
88.7311

■ 23.2752, 14.2459,
87.9104

■ 19.9712, 10.3849,
87.3393

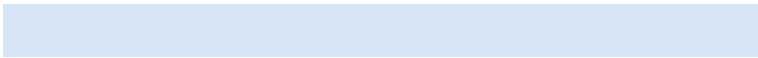
■ 17.8717, 7.9986,
86.9893

■ 16.7921, 6.8414,
86.8229

Harmonies

Analogous

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



72.9075, 77.3162, 98.4183



75.3563, 77.3162, 97.3380



77.3441, 77.3162, 92.6428

Triad

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



75.3563, 77.3162, 97.3380



76.3837, 77.3162, 73.7850



68.8731, 77.3162, 82.5320

Complementary

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



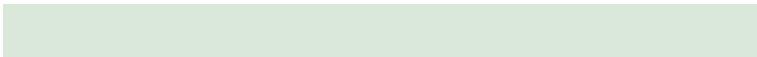
75.3563, 77.3162, 97.3380



83.6911, 90.0310, 84.9221

Split Complementary

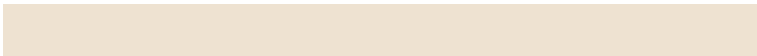
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.7597, 77.3162, 76.2568



75.3563, 77.3162, 97.3380



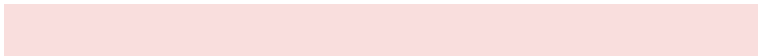
74.0690, 77.3162, 71.3933

Square

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



75.3563, 77.3162, 97.3380



77.9466, 77.3162, 78.9855



71.6483, 77.3162, 72.2722



69.2003, 77.3162, 89.6061

Rectangle

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



75.3563, 77.3162, 97.3380



78.1222, 77.3162, 88.2294



71.6483, 77.3162, 72.2722



69.0384, 77.3162, 80.2646

Sweetspot

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



75.3586, 77.3195, 97.3397



91.6889, 95.8840, 108.2827



80.2136, 87.4947, 99.0478



19.6604, 20.5662, 23.1834



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.



75.3586, 77.3195, 97.3397



80.6079, 82.3278, 106.2501



78.4222, 78.8988, 97.4831



15.6616, 15.9682, 20.7993



9.0011, 3.6146, 46.7613



0.8189, 0.3320, 4.1112

Inverse Universe

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



81.1844, 80.3403, 96.8204



87.9675, 86.1441, 105.5860



80.4948, 88.3833, 84.7725



17.1739, 16.7524, 20.6622



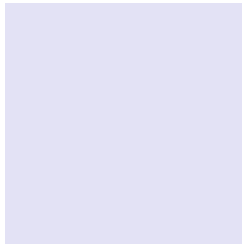
28.1609, 13.6078, 42.4173



2.4864, 1.2005, 3.7876

Previews

White Background



This preview shows how the XYZ color 75.3563, 77.3162, 97.3380 looks on a white background.

Color Contrast Check

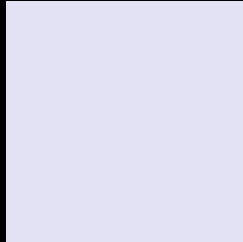
Large Text (above 18pt) WCAG AA × Fail

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 75.3563, 77.3162, 97.3380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

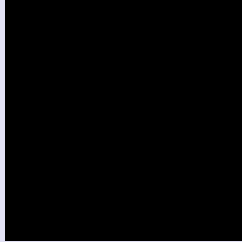
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.3563, 77.3162, 97.3380

Background



This preview shows how black text looks on a background with the XYZ color 75.3563, 77.3162, 97.3380.



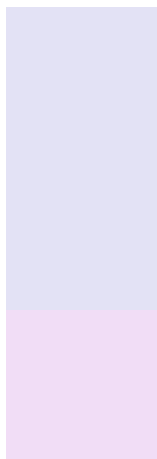
This preview shows how white text looks on a background with the XYZ color 75.3563, 77.3162,

97.3380.

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

75.3563, 77.3162, 97.3380

Protanopia

75.3563, 77.3162, 97.3380

Deuteranopia

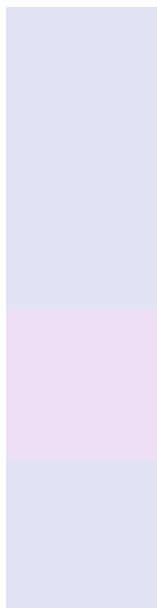
78.7666, 77.0675, 97.9128



Tritanopia

75.2040, 77.2553, 96.5360

Trichromacy



Original Color

75.3563, 77.3162, 97.3380

Protanomaly

75.3563, 77.3162, 97.3380

Deuteranomaly

77.6143, 77.2620, 98.0111

Tritanomaly

75.2040, 77.2553, 96.5360

Monochromacy



Original Color

75.3563, 77.3162, 97.3380

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.3153, 77.3727, 88.8595

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3563, 77.3162, 97.3380 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, 226, 245)` looks like.

```
.text, #text, p{  
    color:rgb(227, 226, 245)  
}
```

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, 226, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 226, 245) }
```

Border

The CSS property to change the border of an element to XYZ 75.3563, 77.3162, 97.3380 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, 226, 245) }
```


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

```
.border{ border-color:rgb(227, 226, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 226, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 226, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 226, 245);  
box-shadow:4px 4px 4px 4px rgb(227, 226,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3563, 77.3162, 97.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 226, 245) }
```

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

```
.background{ background-color: rgb(227,  
226, 245) }
```

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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