

Converting Colors

XYZ(75.6487, 77.9126, 95.8586)

Have a look what the booklet for
XYZ(75.6487, 77.9126, 95.8586)
contains.

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Color

**XYZ(75.6417, 77.9032,
95.8441)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E3F3
RGB	228, 227, 243
RGB Percent	89%, 89%, 95%
CMY	0.1059, 0.1098, 0.0471
CMYK	0.06, 0.07, 0.00, 0.05
HSL	244°, 40%, 92%
HSV	244°, 7%, 95%
XYZ	75.6417, 77.9032, 95.8441
YIQ	229.1230, -4.5400, 5.1880

Conversions

Conversions Part 2

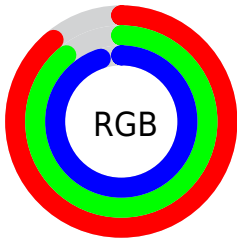
Format	Color
R _Y B	228, 227, 243
Decimal	15000563
CIE Lab	90.74, 3.28, -7.65
CIE LCh	91, 8.323, 293.240
Yxy	77.9032, 0.3033, 0.3124
Android (android.graphics.Color)	4293190643 (0xFFE4E3F3)
YUV	229.1230, 6.8414, -0.9849
Hunter-Lab	88.2628, -1.4844, -2.5987

Details

The XYZ color **75.6417, 77.9032, 95.8441** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82.5364, 88.5265, 85.4140**, and the grayscale version is **74.5223, 78.4032, 85.3811**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9557, 41.9771, 52.9575** is the 20% darker color. If you saturate the color by 10%, you get **62.7008, 62.0538, 93.4681**, and if you desaturate by 10%, it is **90.4778, 96.1263, 98.5808**.

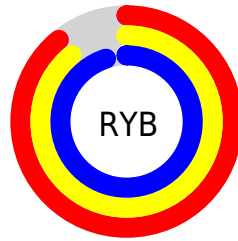
Distribution



Red (89%)

Green (89%)

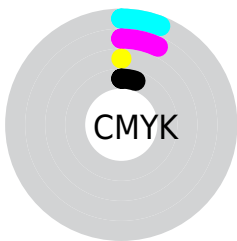
Blue (95%)



Red (89%)

Yellow (89%)

Blue (95%)

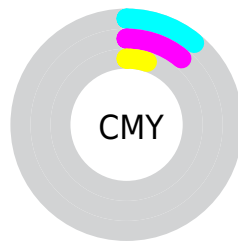


Cyan (6%)

Magenta (7%)

Yellow (0%)

Black (5%)



Cyan (11%)

Magenta (11%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.6417, 77.9032, 95.8441 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 75.6417, 77.9032, 95.8441 by changing the saturation by 10% instead.

■ 75.6417, 77.9032,
95.8441

■ 75.6417, 77.9032,
95.8441

469.0835,
487.8380, 567.9170

■ 56.4348, 57.9945,
72.2370

126.2034,
130.4137, 157.4358

■ 40.7900, 41.8042,
52.8642

158.2888,
163.7842, 196.2575

■ 28.3420, 28.9480,
37.3074

195.3978,
202.4107, 240.9878

■ 18.7254, 19.0415,
25.1480

237.8957,
246.6777, 292.0452

■ 11.5748, 11.7003,
15.9673

286.1479,
296.9696, 349.8483

■ 6.5250, 6.5399,
9.3469

340.5197,

■ 3.2105, 3.1761,

353.6706, 414.8156

4.8683

401.3765,
417.1653, 487.3656

■ 1.2661, 1.2243,
2.1128

■ 0.1576, 0.0814,
0.6234

■ 75.6417, 77.9032,
95.8441

■ 75.6417, 77.9032,
95.8441

■ 62.7008, 62.0538,
93.4681

■ 90.4778, 96.1263,
98.5808

■ 51.5722, 48.4709,
91.4329

■ 93.1779, 99.2512,
99.0416

■ 42.1771, 37.0540,
89.7244

■ 34.4280, 27.6909,
88.3256

■ 28.2299, 20.2597,
87.2178

■ 23.4783, 14.6252,
86.3807

■ 20.0553, 10.6350,
85.7909

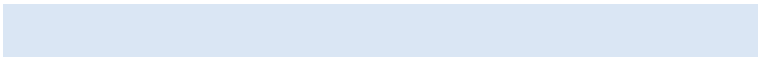
■ 17.8248, 8.1113,
85.4214

■ 16.6198, 6.8327,
85.2381

Harmonies

Analogous

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



73.5726, 77.9032, 96.7734



75.6417, 77.9032, 95.8441



77.3111, 77.9032, 91.8992

Triad

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



75.6417, 77.9032, 95.8441



76.4758, 77.9032, 75.9329



70.1252, 77.9032, 83.4758

Complementary

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



75.6417, 77.9032, 95.8441



82.5364, 88.5265, 85.4140

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.



70.8716, 77.9032, 78.1204



75.6417, 77.9032, 95.8441



74.5187, 77.9032, 73.8999

Square

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



75.6417, 77.9032, 95.8441



77.7989, 77.9032, 80.3626



72.4702, 77.9032, 74.6815



70.4131, 77.9032, 89.4462

Rectangle

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



75.6417, 77.9032, 95.8441



77.9596, 77.9032, 88.1856



72.4702, 77.9032, 74.6815



70.2630, 77.9032, 81.5477

Sweetspot

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



75.6440, 77.9065, 95.8458



91.7070, 95.8933, 108.2835



79.6703, 86.4273, 97.2783



19.6641, 20.5681, 23.1836



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.



75.6440, 77.9065, 95.8458



82.1933, 84.2187, 106.5315



78.1752, 79.2114, 95.9643



15.6767, 15.9760, 20.8000



9.0250, 3.6269, 46.7624



0.8261, 0.3357, 4.1115

Inverse Universe

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



80.4609, 80.4071, 95.2874



88.6799, 87.5863, 105.7702



79.9155, 87.1753, 85.2914



17.1664, 16.7494, 20.6229



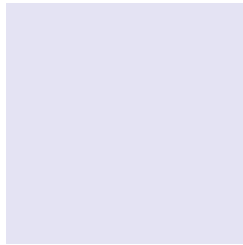
27.9798, 13.5354, 41.4637



2.4724, 1.1949, 3.7141

Previews

White Background



This preview shows how the XYZ color 75.6417, 77.9032, 95.8441 looks on a white background.

Color Contrast Check

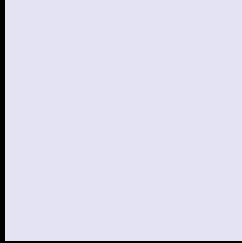
Large Text (above 18pt) WCAG AA × Fail

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 75.6417, 77.9032, 95.8441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

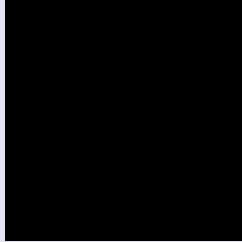
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

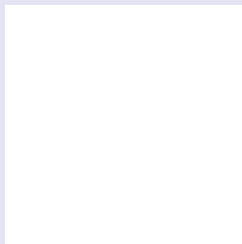
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.6417, 77.9032, 95.8441

Background



This preview shows how black text looks on a background with the XYZ color 75.6417, 77.9032, 95.8441.



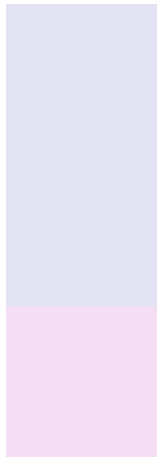
This preview shows how white text looks on a background with the XYZ color 75.6417, 77.9032,

95.8441.

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

75.6417, 77.9032, 95.8441

Protanopia

75.6417, 77.9032, 95.8441

Deuteranopia

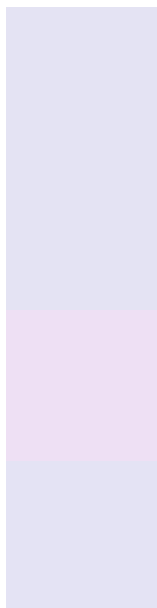
79.4126, 77.8289, 96.4249



Tritanopia

75.9454, 78.0247, 97.4437

Trichromacy



Original Color

75.6417, 77.9032, 95.8441

Protanomaly

75.6417, 77.9032, 95.8441

Deuteranomaly

78.2447, 78.0201, 96.5234

Tritanomaly

75.7931, 77.9638, 96.6417

Monochromacy



Original Color

75.6417, 77.9032, 95.8441

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.9078, 78.0853, 88.9658

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6417, 77.9032, 95.8441 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(228, 227, 243) looks like.

```
.text, #text, p{  
    color:rgb(228, 227, 243)  
}
```

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(228, 227, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 227, 243) }
```

Border

The CSS property to change the border of an element to XYZ 75.6417, 77.9032, 95.8441 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(228, 227, 243) }
```


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

```
.border{ border-color:rgb(228, 227, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 227, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 227, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 227, 243);  
box-shadow:4px 4px 4px 4px rgb(228, 227,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6417, 77.9032, 95.8441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 227, 243) }
```

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

```
.background{ background-color: rgb(228,  
227, 243) }
```

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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