

Converting Colors

XYZ(79.2611, 77.7683, 95.6273)

Have a look what the booklet for
XYZ(79.2611, 77.7683, 95.6273)
contains.

XYZ(79.2611, 77.7683, 95.6273)	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(79.2611, 77.7683,
95.6273)**

Conversions

Conversions Part 1

Format	Color
Hex	F3DEF3
RGB	243, 222, 243
RGB Percent	95%, 87%, 95%
CMY	0.0471, 0.1294, 0.0471
CMYK	0.00, 0.09, 0.00, 0.05
HSL	300°, 47%, 91%
HSV	300°, 9%, 95%
XYZ	79.2611, 77.7683, 95.6273
YIQ	230.6730, 5.7750, 10.9830

Conversions

Conversions Part 2

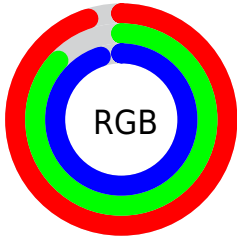
Format	Color
R_{YB}	243, 222, 243
Decimal	15982323
CIE _{Lab}	90.67, 10.83, -7.61
CIE _{LCh}	91, 13.232, 324.896
Yxy	77.7683, 0.3137, 0.3078
Android (android.graphics.Color)	4294172403 (0xFFFF3DEF3)
YUV	230.6730, 6.0772, 10.8108
Hunter-Lab	88.1863, 6.1081, -2.5623

Details

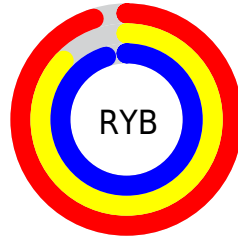
The XYZ color **79.2611, 77.7683, 95.6273** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.3626, 84.9069, 81.5279**, and the grayscale version is **75.6678, 79.6084, 86.6936**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2819, 41.7901, 52.7988** is the 20% darker color. If you saturate the color by 10%, you get **73.2674, 65.7798, 93.6302**, and if you desaturate by 10%, it is **86.1895, 91.6238, 97.9378**.

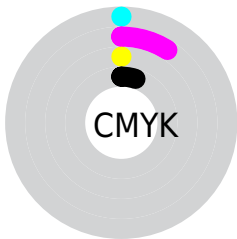
Distribution



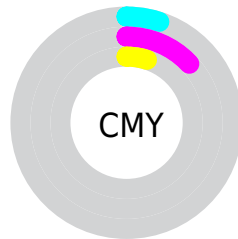
- Red (95%)
- Green (87%)
- Blue (95%)



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



- Cyan (0%)
- Magenta (9%)
- Yellow (0%)
- Black (5%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.2611, 77.7683, 95.6273 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 79.2611, 77.7683, 95.6273 by changing the saturation by 10% instead.

79.2611, 77.7683,
95.6273

79.2611, 77.7683,
95.6273

481.2137,
487.3796, 567.2068

59.4169, 57.8837,
72.0574

131.2824,
130.2234, 157.1340

43.1965, 41.7151,
52.7185

164.1901,
163.5627, 195.9079

30.2345, 28.8783,
37.1919

202.1831,
202.1557, 240.5868

20.1656, 18.9888,
25.0591

245.6266,
246.3868, 291.5894

12.6244, 11.6622,
15.9017

294.8861,
296.6403, 349.3342

7.2457, 6.5141,
9.3010

350.3269,

3.6639, 3.1601,

353.3007, 414.2396

4.8386

412.3143,
416.7523, 486.7243

■ 1.5138, 1.2159,
2.0958

■ 0.3352, 0.0746,
0.6133

■ 79.2611, 77.7683,
95.6273

■ 79.2611, 77.7683,
95.6273

■ 73.2674, 65.7798,
93.6302

■ 86.1895, 91.6238,
97.9378

■ 68.1619, 55.5689,
91.9282

■ 88.9007, 97.0462,
98.8417

■ 63.9046, 47.0543,
90.5089

■ 88.9007, 97.0462,
98.8419

■ 60.4494, 40.1440,
89.3570

■ 88.9007, 97.0462,
98.8421

57.7462, 34.7375,
88.4558

88.9008, 97.0462,
98.8422

55.7390, 30.7232,
87.7866

88.9008, 97.0462,
98.8424

54.3641, 27.9735,
87.3281

88.9008, 97.0462,
98.8426

53.5463, 26.3379,
87.0554

88.9009, 97.0462,
98.8427

53.1762, 25.5977,
86.9318

88.9009, 97.0462,
98.8429

Harmonies

Analogous

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



76.6355, 77.7683, 102.3598



79.2611, 77.7683, 95.6273



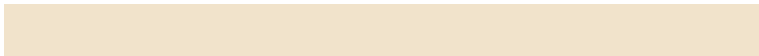
80.4566, 77.7683, 86.3129

Triad

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



79.2611, 77.7683, 95.6273



74.4856, 77.7683, 67.7460



68.2777, 77.7683, 92.6056

Complementary

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



79.2611, 77.7683, 95.6273



75.3626, 84.9069, 81.5279

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.



67.7407, 77.7683, 83.0609



79.2611, 77.7683, 95.6273



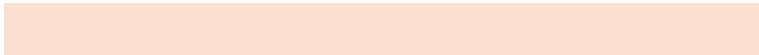
71.2624, 77.7683, 69.1569

Square

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



79.2611, 77.7683, 95.6273



77.6473, 77.7683, 70.5873



68.8176, 77.7683, 74.5953



70.3070, 77.7683, 100.5257

Rectangle

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



79.2611, 77.7683, 95.6273



80.2566, 77.7683, 80.0647



68.8176, 77.7683, 74.5953



67.9193, 77.7683, 89.4620

Sweetspot

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



79.2634, 77.7717, 95.6290



92.6579, 95.2158, 108.1026



72.4266, 74.2472, 95.3092



19.6992, 20.1134, 23.0939



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.



79.2634, 77.7717, 95.6290



87.4478, 84.7957, 106.3658



77.7226, 77.1554, 87.5156



17.2137, 16.7683, 20.8719



29.1649, 14.0094, 47.7040



2.5633, 1.2313, 4.1927

Inverse Universe

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



79.2634, 77.7717, 95.6290



87.4478, 84.7957, 106.3658



76.8142, 85.4875, 89.1717



17.2137, 16.7683, 20.8719



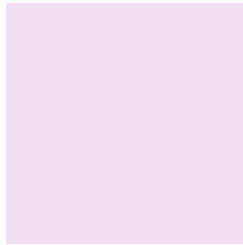
29.1649, 14.0094, 47.7040



2.5633, 1.2313, 4.1927

Previews

White Background



This preview shows how the XYZ color 79.2611, 77.7683, 95.6273 looks on a white background.

Color Contrast Check

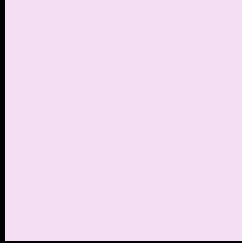
Large Text (above 18pt) WCAG AA × Fail

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 79.2611, 77.7683, 95.6273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

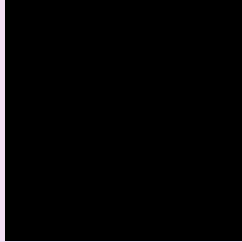
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.2611, 77.7683, 95.6273

Background



This preview shows how black text looks on a background with the XYZ color 79.2611, 77.7683, 95.6273.



This preview shows how white text looks on a background with the XYZ color 79.2611, 77.7683,

95.6273.

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

79.2611, 77.7683, 95.6273

Protanopia

75.7822, 77.9229, 98.2352

Deuteranopia

79.6072, 77.9467, 95.6435



Tritanopia

78.8116, 77.5885, 93.2603

Trichromacy



Original Color

79.2611, 77.7683, 95.6273

Protanomaly

77.0109, 77.7666, 97.3378

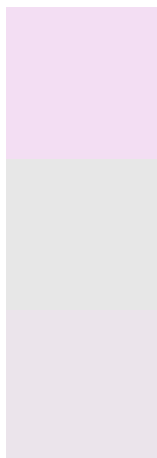
Deuteranomaly

79.6072, 77.9467, 95.6435

Tritanomaly

78.9606, 77.6481, 94.0450

Monochromacy



Original Color

79.2611, 77.7683, 95.6273

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.9997, 79.1471, 89.8159

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.2611, 77.7683, 95.6273 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(243, 222, 243) looks like.

```
.text, #text, p{  
    color:rgb(243, 222, 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(243, 222, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 222, 243) }
```

Border

The CSS property to change the border of an element to XYZ 79.2611, 77.7683, 95.6273 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(243, 222, 243) }
```


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

```
.border{ border-color:rgb(243, 222, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 222, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 222, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 222, 243);  
box-shadow:4px 4px 4px 4px rgb(243, 222,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2611, 77.7683, 95.6273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 222, 243) }
```

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

```
.background{ background-color: rgb(243,  
222, 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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