

Converting Colors

XYZ(77.2335, 78.3277, 98.9148)

Have a look what the booklet for
XYZ(77.2335, 78.3277, 98.9148)
contains.

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Color

**XYZ(77.2636, 78.2639,
99.0299)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E8E2F7 |
| RGB | 232, 226, 247 |
| RGB Percent | 91%, 89%, 97% |
| CMY | 0.0902, 0.1137, 0.0314 |
| CMYK | 0.06, 0.09, 0.00, 0.03 |
| HSL | 257°, 57%, 93% |
| HSV | 257°, 9%, 97% |
| XYZ | 77.2636, 78.2639, 99.0299 |
| YIQ | 230.1880, -3.1650, 7.8030 |

Conversions

Conversions Part 2

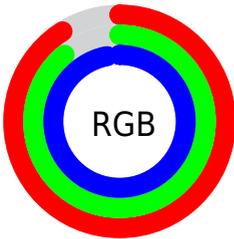
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 232, 226, 247 |
| Decimal | 15262455 |
| CIE Lab | 90.90, 5.86, -9.46 |
| CIE LCh | 91, 11.134, 301.779 |
| Yxy | 78.2639, 0.3035, 0.3075 |
| Android (android.graphics.Color) | 4293452535 (0xFFE8E2F7) |
| YUV | 230.1880, 8.2883, 1.5891 |
| Hunter-Lab | 88.4669, 1.0780, -4.4425 |

Details

The XYZ color **77.2636, 78.2639, 99.0299** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83.2666, 90.7153, 85.0765**, and the grayscale version is **75.2971, 79.2185, 86.2689**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.8714, 42.1175, 55.2128** is the 20% darker color. If you saturate the color by 10%, you get **65.5823, 62.9810, 96.6969**, and if you desaturate by 10%, it is **90.4921, 95.7849, 101.7158**.

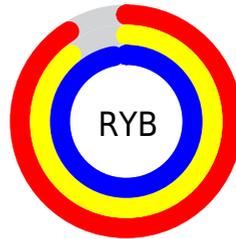
Distribution



Red (91%)

Green (89%)

Blue (97%)



Red (91%)

Yellow (89%)

Blue (97%)

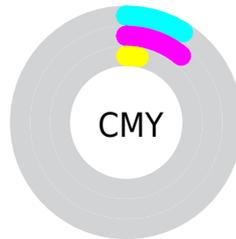


Cyan (6%)

Magenta (9%)

Yellow (0%)

Black (3%)



Cyan (9%)

Magenta (11%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.2636, 78.2639, 99.0299 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 77.2636, 78.2639, 99.0299 by changing the saturation by 10% instead.

77.2636, 78.2639,
99.0299

77.2636, 78.2639,
99.0299

474.5405,
489.0626, 578.2980

57.7699, 58.2908,
74.8782

128.4824,
130.9221, 161.8636

41.8663, 42.0425,
55.0120

160.9382,
164.3759, 201.3828

29.1872, 29.1345,
39.0127

198.4454,
203.0921, 246.8616

19.3675, 19.1826,
26.4617

241.3695,
247.4551, 298.7184

12.0417, 11.8023,
16.9405

290.0756,
297.8493, 357.3720

6.8445, 6.6092,
10.0306

344.9293,

3.4105, 3.2189,

354.6590, 423.2407

5.3134

406.2958,
418.2686, 496.7432

■ 1.3744, 1.2471,
2.3703

■ 0.2379, 0.0997,
0.7702

■ 77.2636, 78.2639,
99.0299

■ 77.2636, 78.2639,
99.0299

■ 65.5823, 62.9810,
96.6969

■ 90.4921, 95.7849,
101.7158

■ 55.3833, 49.8353,
94.6970

■ 93.7887, 99.4955,
102.2582

■ 46.6071, 38.7326,
93.0166

■ 39.1873, 29.5680,
91.6387

■ 33.0521, 22.2267,
90.5450

■ 28.1225, 16.5820,
89.7153

■ 24.3099, 12.4898,
89.1264

■ 21.5121, 9.7812,
88.7510

■ 19.5912, 8.2199,
88.5509

Harmonies

Analogous

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



74.5550, 78.2639, 101.6026



77.2636, 78.2639, 99.0299



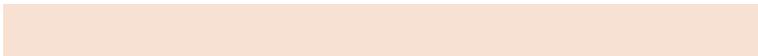
79.2407, 78.2639, 92.7294

Triad

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



77.2636, 78.2639, 99.0299



76.9667, 78.2639, 72.3200



69.1269, 78.2639, 85.6963

Complementary

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



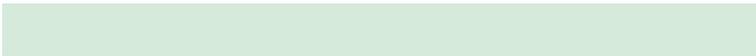
77.2636, 78.2639, 99.0299



83.2666, 90.7153, 85.0765

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.



69.7366, 78.2639, 78.1199



77.2636, 78.2639, 99.0299



74.2202, 78.2639, 70.6935

Square

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



77.2636, 78.2639, 99.0299



79.0663, 78.2639, 77.3390



71.5837, 78.2639, 72.7506



69.8970, 78.2639, 93.6106

Rectangle

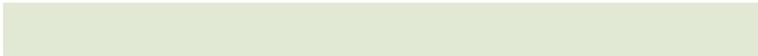
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.2636, 78.2639, 99.0299



79.8531, 78.2639, 87.4435



71.5837, 78.2639, 72.7506



69.1772, 78.2639, 83.0268

Sweetspot

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



77.2659, 78.2672, 99.0316



90.6758, 94.1940, 108.0099



79.6253, 85.8268, 100.3664



19.1637, 19.8373, 23.0689



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.



77.2659, 78.2672, 99.0316



81.0605, 81.5029, 106.0670



80.7599, 80.0685, 99.1951



16.0257, 16.1559, 20.8163



10.3559, 4.3130, 46.8247



1.0071, 0.4290, 4.1200

Inverse Universe

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



81.4340, 80.5212, 94.4729



86.2972, 84.3355, 100.3068



79.8008, 88.9286, 84.9143



17.0000, 16.6829, 19.7467



24.5186, 12.1509, 23.2373



2.1991, 1.0856, 2.2746

Previews

White Background



This preview shows how the XYZ color 77.2636, 78.2639, 99.0299 looks on a white background.

Color Contrast Check

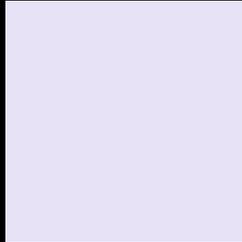
Large Text (above 18pt) WCAG AA × Fail

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 77.2636, 78.2639, 99.0299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

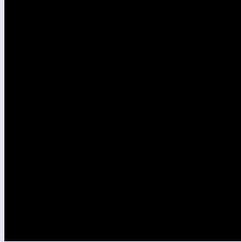
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.2636, 78.2639, 99.0299

Background



This preview shows how black text looks on a background with the XYZ color 77.2636, 78.2639, 99.0299.



This preview shows how white text looks on a background with the XYZ color 77.2636, 78.2639,

99.0299.

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

77.2636, 78.2639, 99.0299

Protanopia

76.0909, 78.0464, 99.8610

Deuteranopia

79.6825, 77.8971, 99.6429



Tritanopia

76.8042, 78.0802, 96.6109

Trichromacy



Original Color

77.2636, 78.2639, 99.0299

Protanomaly

76.7255, 78.3735, 99.8907

Deuteranomaly

78.5908, 77.7298, 99.6681

Tritanomaly

76.9565, 78.1411, 97.4129

Monochromacy



Original Color

77.2636, 78.2639, 99.0299

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

76.1146, 79.0837, 90.6099

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.2636, 78.2639, 99.0299 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(232, 226, 247) looks like.

```
.text, #text, p{  
    color:rgb(232, 226, 247)  
}
```

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(232, 226, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 226, 247) }
```

Border

The CSS property to change the border of an element to XYZ 77.2636, 78.2639, 99.0299 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(232, 226, 247) }
```


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

```
.border{ border-color:rgb(232, 226, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 226, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 226, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 226, 247);  
box-shadow:4px 4px 4px 4px rgb(232, 226,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 77.2636, 78.2639, 99.0299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 226, 247) }
```

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

```
.background{ background-color: rgb(232,  
226, 247) }
```

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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