

Converting Colors

XYZ(77.4276, 79.1279, 95.3937)

Have a look what the booklet for
XYZ(77.4276, 79.1279, 95.3937)
contains.

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Color

**XYZ(77.3747, 79.2212,
95.2175)**

Conversions

Conversions Part 1

Format	Color
Hex	E9E4F2
RGB	233, 228, 242
RGB Percent	91%, 89%, 95%
CMY	0.0863, 0.1059, 0.0510
CMYK	0.04, 0.06, 0.00, 0.05
HSL	261°, 35%, 92%
HSV	261°, 6%, 95%
XYZ	77.3747, 79.2212, 95.2175
YIQ	231.0910, -1.5140, 5.4140

Conversions

Conversions Part 2

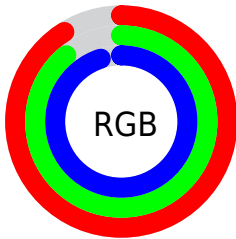
Format	Color
R _Y B	233, 228, 242
Decimal	15328498
CIE Lab	91.33, 4.22, -6.20
CIE LCh	91, 7.495, 304.228
Yxy	79.2212, 0.3073, 0.3146
Android (android.graphics.Color)	4293518578 (0xFFE9E4F2)
YUV	231.0910, 5.3781, 1.6742
Hunter-Lab	89.0063, -0.5879, -1.1231

Details

The XYZ color **77.3747, 79.2212, 95.2175** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.6836, 87.1122, 85.9645**, and the grayscale version is **75.9874, 79.9446, 87.0597**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.9380, 42.7794, 52.5013** is the 20% darker color. If you saturate the color by 10%, you get **66.3204, 64.3235, 92.9258**, and if you desaturate by 10%, it is **89.8134, 96.2203, 97.8443**.

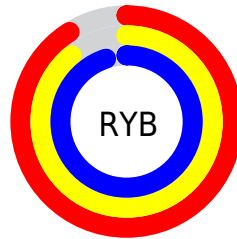
Distribution



Red (91%)

Green (89%)

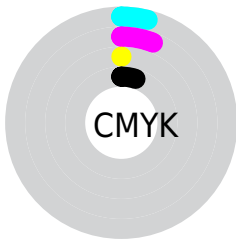
Blue (95%)



Red (91%)

Yellow (89%)

Blue (95%)

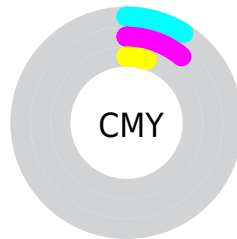


Cyan (4%)

Magenta (6%)

Yellow (0%)

Black (5%)



Cyan (9%)

Magenta (11%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.3747, 79.2212, 95.2175 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 77.3747, 79.2212, 95.2175 by changing the saturation by 10% instead.

■ 77.3747, 79.2212,
95.2175

■ 77.3747, 79.2212,
95.2175

474.9130,
492.3043, 565.8632

■ 57.8615, 59.0777,
71.7181

128.6383,
132.2702, 156.5632

■ 41.9401, 42.6757,
52.4430

161.1194,
165.9445, 195.2466

■ 29.2453, 29.6307,
36.9736

198.6538,
204.8979, 239.8285

■ 19.4117, 19.5585,
24.8915

241.6068,
249.5147, 290.7273

■ 12.0739, 12.0745,
15.7779

290.3439,
300.1794, 348.3617

■ 6.8666, 6.7944,
9.2145

345.2304,

■ 3.4244, 3.3339,

357.2762, 413.1501

4.7826

406.6317,
421.1898, 485.5110

■ 1.3820, 1.3084,
2.0638

■ 0.2433, 0.1477,
0.5941

■ 77.3747, 79.2212,
95.2175

■ 77.3747, 79.2212,
95.2175

■ 66.3204, 64.3235,
92.9258

■ 89.8134, 96.2203,
97.8443

■ 56.5936, 51.4340,
90.9505

■ 93.0272, 99.1909,
98.2483

■ 48.1435, 40.4678,
89.2792

■ 40.9132, 31.3294,
87.8964

■ 34.8411, 23.9154,
86.7854

■ 29.8598, 18.1115,
85.9277

■ 25.8942, 13.7891,
85.3024

■ 22.8582, 10.7988,
84.8852

■ 20.6477, 8.9572,
84.6462

Harmonies

Analogous

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



75.5675, 79.2212, 97.1387



77.3747, 79.2212, 95.2175



78.6413, 79.2212, 90.8961

Triad

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



77.3747, 79.2212, 95.2175



76.8998, 79.2212, 77.1601



71.7064, 79.2212, 87.0335

Complementary

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



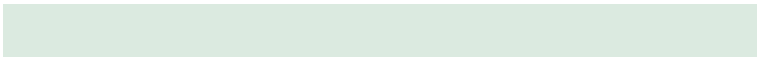
77.3747, 79.2212, 95.2175



80.6836, 87.1122, 85.9645

Split Complementary

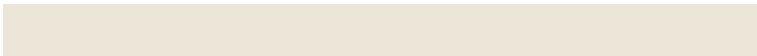
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.0496, 79.2212, 81.7812



77.3747, 79.2212, 95.2175



75.0279, 79.2212, 76.2225

Square

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



77.3747, 79.2212, 95.2175



78.3639, 79.2212, 80.4963



73.2576, 79.2212, 77.8797



72.3119, 79.2212, 92.2892

Rectangle

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



77.3747, 79.2212, 95.2175



78.9975, 79.2212, 87.3167



73.2576, 79.2212, 77.8797



71.7147, 79.2212, 85.2087

Sweetspot

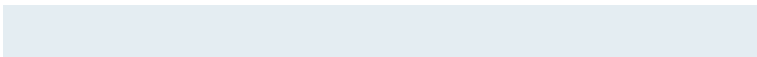
The Sweet Spot groups the original color and five complimentary colors.



77.3770, 79.2246, 95.2192



92.2483, 96.1724, 108.3089



78.3378, 83.5337, 96.0003



19.7743, 20.6250, 23.1887



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.



77.3770, 79.2246, 95.2192



85.5203, 87.0230, 106.8975



79.6740, 80.4087, 95.3267



15.8838, 16.1172, 19.9954



10.8261, 4.5864, 45.4425



1.0053, 0.4355, 3.7853

Inverse Universe

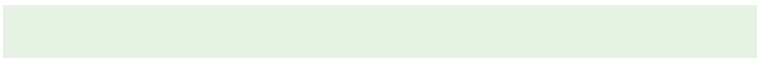
The Inverse Universe completely reimagines the original color for something new.



79.6501, 80.4819, 91.4610



88.6085, 88.7316, 101.7750



78.4237, 85.9472, 85.8588



16.5065, 16.4618, 18.9610



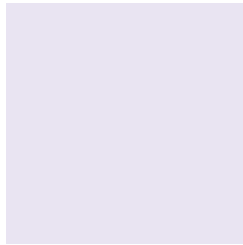
22.9448, 11.4503, 18.1575



1.9560, 0.9715, 1.7593

Previews

White Background



This preview shows how the XYZ color 77.3747, 79.2212, 95.2175 looks on a white background.

Color Contrast Check

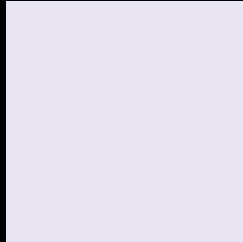
Large Text (above 18pt) WCAG AA × Fail

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 77.3747, 79.2212, 95.2175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

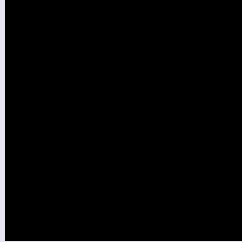
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

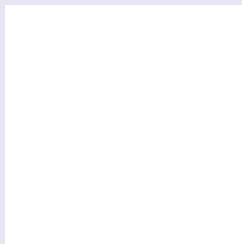
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.3747, 79.2212, 95.2175

Background



This preview shows how black text looks on a background with the XYZ color 77.3747, 79.2212, 95.2175.



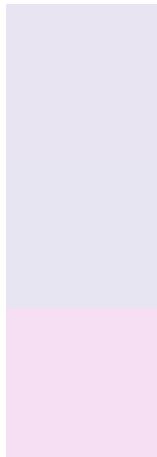
This preview shows how white text looks on a background with the XYZ color 77.3747, 79.2212,

95.2175.

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

77.3747, 79.2212, 95.2175

Protanopia

77.0013, 79.4384, 95.2791

Deuteranopia

80.9231, 79.0206, 95.7814



Tritanopia

77.8822, 79.0232, 97.5344

Trichromacy



Original Color

77.3747, 79.2212, 95.2175

Protanomaly

77.3250, 79.6052, 95.2943

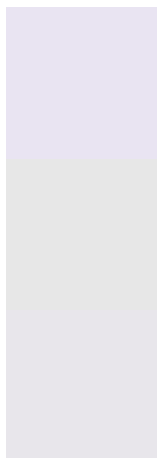
Deuteranomaly

79.7208, 79.1987, 95.8792

Tritanomaly

77.7299, 78.9622, 96.7324

Monochromacy



Original Color

77.3747, 79.2212, 95.2175

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.5709, 79.7476, 89.9544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.3747, 79.2212, 95.2175 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(233, 228, 242) looks like.

```
.text, #text, p{  
    color:rgb(233, 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(233, 228, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 228, 242) }
```

Border

The CSS property to change the border of an element to XYZ 77.3747, 79.2212, 95.2175 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(233, 228, 242) }
```


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

```
.border{ border-color:rgb(233, 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(233, 228, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 228, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 228, 242);  
box-shadow:4px 4px 4px 4px rgb(233, 228,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 77.3747, 79.2212, 95.2175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 228, 242) }
```

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

```
.background{ background-color: rgb(233,  
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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