

# Converting Colors

XYZ(77.2510, 78.7329, 95.9194)

Have a look what the booklet for  
XYZ(77.2510, 78.7329, 95.9194)  
contains.

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# **Color**

**XYZ(77.2510, 78.7329,  
95.9194)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E9E3F3
RGB	233, 227, 243
RGB Percent	91%, 89%, 95%
CMY	0.0863, 0.1098, 0.0471
CMYK	0.04, 0.07, 0.00, 0.05
HSL	262°, 40%, 92%
HSV	262°, 7%, 95%
XYZ	77.2510, 78.7329, 95.9194
YIQ	230.6180, -1.5600, 6.2480

# Conversions

## Conversions Part 2

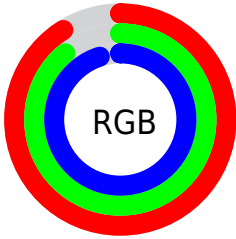
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	233, 227, 243
Decimal	15328243
CIE <sub>Lab</sub>	91.11, 4.92, -7.05
CIE <sub>LCh</sub>	91, 8.594, 304.920
Yxy	78.7329, 0.3067, 0.3126
Android (android.graphics.Color)	4293518323 (0xFFE9E3F3)
YUV	230.6180, 6.1043, 2.0890
Hunter-Lab	88.7316, 0.1245, -1.9808

# Details

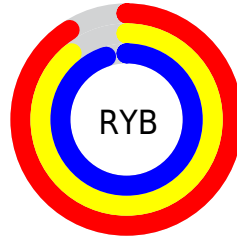
The XYZ color **77.2510, 78.7329, 95.9194** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.8438, 87.6539, 85.3350**, and the grayscale version is **75.6307, 79.5694, 86.6510**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.8536, 42.4400, 52.9995** is the 20% darker color. If you saturate the color by 10%, you get **66.3211, 63.9202, 93.6375**, and if you desaturate by 10%, it is **89.5504, 95.6484, 98.5374**.

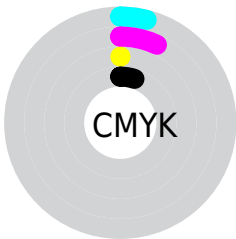
# Distribution



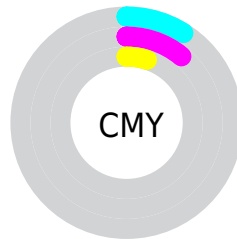
- Red (91%)
- Green (89%)
- Blue (95%)



- Red (91%)
- Yellow (89%)
- Blue (95%)



- Cyan (4%)
- Magenta (7%)
- Yellow (0%)
- Black (5%)



- Cyan (9%)
- Magenta (11%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 77.2510, 78.7329, 95.9194 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 77.2510, 78.7329, 95.9194 by changing the saturation by 10% instead.



77.2510, 78.7329,  
95.9194

77.2510, 78.7329,  
95.9194

474.4982,  
490.6523, 568.1635

57.7595, 58.6762,  
72.2993

128.4647,  
131.5828, 157.5407

41.8579, 42.3525,  
52.9149

160.9176,  
165.1448, 196.3789

29.1806, 29.3774,  
37.3476

198.4218,  
203.9773, 241.1270

19.3625, 19.3665,  
25.1788

241.3425,  
248.4648, 292.2035

12.0381, 11.9354,  
15.9901

290.0452,  
298.9917, 350.0268

6.8420, 6.6997,  
9.3629

344.8951,

3.4089, 3.2750,

355.9423, 415.0155

4.8786

406.2577,  
419.7010, 487.5883

■ 1.3735, 1.2769,  
2.1187

■ 0.2372, 0.1232,  
0.6269

■ 77.2510, 78.7329,  
95.9194

■ 77.2510, 78.7329,  
95.9194

■ 66.3211, 63.9202,  
93.6375

■ 89.5504, 95.6484,  
98.5374

■ 56.7041, 51.1166,  
91.6730

■ 93.1779, 99.2512,  
99.0416

■ 48.3493, 40.2359,  
90.0132

■ 41.1999, 31.1821,  
88.6425

■ 35.1946, 23.8502,  
87.5438

■ 30.2659, 18.1244,  
86.6984

■ 26.3386, 13.8742,  
86.0850

■ 23.3260, 10.9473,  
85.6788

■ 21.1215, 9.1535,  
85.4488

# Harmonies

## Analogous

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



75.1922, 78.7329, 98.2123



77.2510, 78.7329, 95.9194



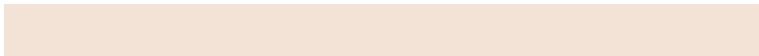
78.6824, 78.7329, 90.9007

# Triad

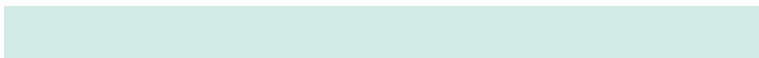
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.2510, 78.7329, 95.9194



76.6187, 78.7329, 75.3374



70.7464, 78.7329, 86.7572

# Complementary

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



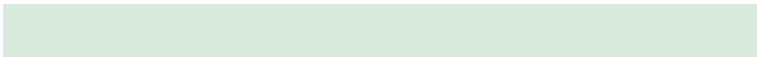
77.2510, 78.7329, 95.9194



80.8438, 87.6539, 85.3350

# Split Complementary

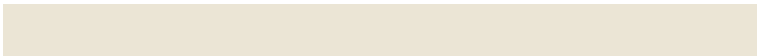
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.1118, 78.7329, 80.7530



77.2510, 78.7329, 95.9194



74.4754, 78.7329, 74.3469

# Square

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



77.2510, 78.7329, 95.9194



78.3124, 78.7329, 79.0567



72.4665, 78.7329, 76.2830



71.4587, 78.7329, 92.7618

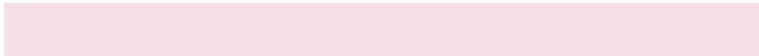


# Rectangle

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



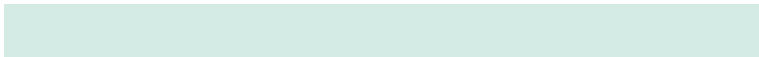
77.2510, 78.7329, 95.9194



79.0735, 78.7329, 86.7909



72.4665, 78.7329, 76.2830



70.7474, 78.7329, 84.6713

# Sweetspot

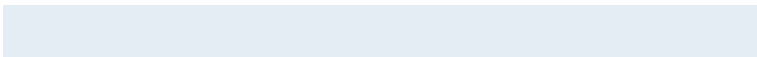
The Sweet Spot groups the original color and five complimentary colors.



77.2533, 78.7363, 95.9211



92.2813, 96.1894, 108.3104



78.1818, 83.4503, 96.7821



19.7810, 20.6284, 23.1891



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.



77.2533, 78.7363, 95.9211



84.3467, 85.3288, 106.6323



79.8793, 80.0900, 96.0440



16.1681, 16.2293, 20.8230



11.3887, 4.8454, 46.8730



1.1109, 0.4826, 4.1248



# Inverse Universe

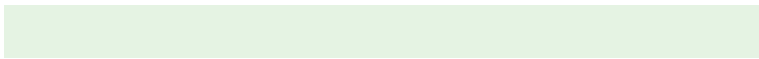
The Inverse Universe completely reimagines the original color for something new.



79.7201, 80.1109, 91.3861



87.6770, 87.1851, 100.4889



78.2742, 86.3292, 85.2148



16.9348, 16.6568, 19.4035



23.4602, 11.7275, 17.6636

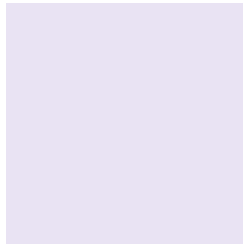


2.1116, 1.0506, 1.8143



# Previews

## White Background



This preview shows how the XYZ color 77.2510, 78.7329, 95.9194 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

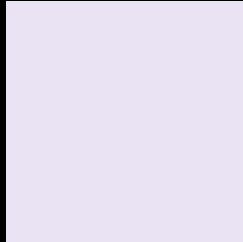
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 77.2510, 78.7329, 95.9194 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

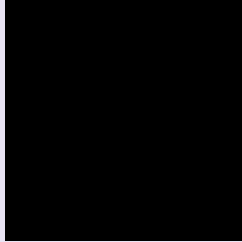
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 77.2510, 78.7329, 95.9194

## Background



This preview shows how black text looks on a background with the XYZ color 77.2510, 78.7329, 95.9194.



This preview shows how white text looks on a background with the XYZ color 77.2510, 78.7329,

95.9194.

# 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

77.2510, 78.7329, 95.9194

### Protanopia

76.3856, 78.6765, 96.7481

### Deuteranopia

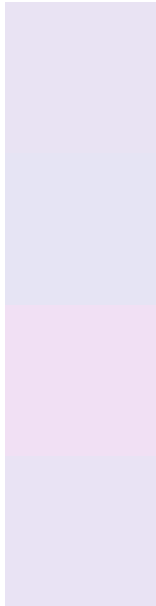
80.3730, 78.7195, 96.5462



## Tritanopia

77.5548, 78.8544, 97.5190

# Trichromacy



## Original Color

77.2510, 78.7329, 95.9194

## Protanomaly

76.7057, 78.8415, 96.7631

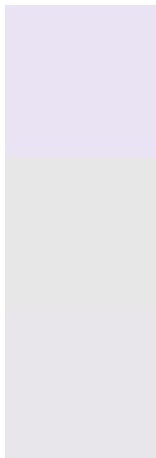
## Deuteranomaly

79.2604, 78.5437, 96.5709

## Tritanomaly

77.4025, 78.7935, 96.7171

# Monochromacy



## Original Color

77.2510, 78.7329, 95.9194

## 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 77.2510, 78.7329, 95.9194 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, 227, 243)` looks like.

```
.text, #text, p{  
    color:rgb(233, 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(233, 227, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 227, 243) }
```

## Border

The CSS property to change the border of an element to XYZ 77.2510, 78.7329, 95.9194 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, 227, 243) }
```



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

```
.border{ border-color:rgb(233, 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(233, 227, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 227, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 227, 243);  
box-shadow:4px 4px 4px 4px rgb(233, 227,  
243) }
```

# Background

The CSS property to change the background color of an element to XYZ 77.2510, 78.7329, 95.9194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 227, 243) }
```

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

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