

Converting Colors

XYZ(77.2062, 80.9894, 94.0864)

Have a look what the booklet for
XYZ(77.2062, 80.9894, 94.0864)
contains.

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Color

**XYZ(77.2179, 80.8275,
93.9695)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E8F0
RGB	230, 232, 240
RGB Percent	90%, 91%, 94%
CMY	0.0980, 0.0902, 0.0588
CMYK	0.04, 0.03, 0.00, 0.06
HSL	228°, 25%, 92%
HSV	228°, 4%, 94%
XYZ	77.2179, 80.8275, 93.9695
YIQ	232.3140, -3.7600, 2.0640

Conversions

Conversions Part 2

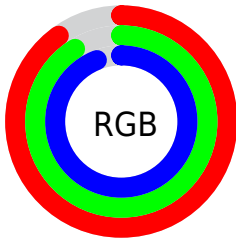
Format	Color
R _Y B	230, 232, 240
Decimal	15132912
CIE Lab	92.05, 0.79, -4.12
CIE LCh	92, 4.191, 280.926
Yxy	80.8275, 0.3064, 0.3207
Android (android.graphics.Color)	4293322992 (0xFFE6E8F0)
YUV	232.3140, 3.7892, -2.0294
Hunter-Lab	89.9041, -4.0200, 0.9618

Details

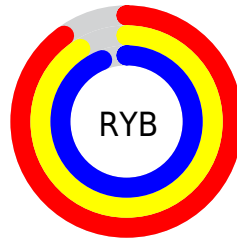
The XYZ color **77.2179, 80.8275, 93.9695** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.7928, 85.3866, 87.0872**, and the grayscale version is **76.9134, 80.9189, 88.1207**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.8563, 43.6253, 51.5619** is the 20% darker color. If you saturate the color by 10%, you get **64.9300, 66.9086, 91.9318**, and if you desaturate by 10%, it is **91.1607, 96.4797, 96.2570**.

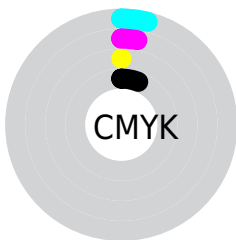
Distribution



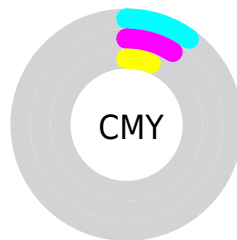
- Red (90%)
- Green (91%)
- Blue (94%)



- Red (90%)
- Yellow (91%)
- Blue (94%)



- Cyan (4%)
- Magenta (3%)
- Yellow (0%)
- Black (6%)



- Cyan (10%)
- Magenta (9%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.2179, 80.8275, 93.9695 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 77.2179, 80.8275, 93.9695 by changing the saturation by 10% instead.

■ 77.2179, 80.8275,
93.9695

■ 77.2179, 80.8275,
93.9695

474.3872,
497.7172, 561.7605

■ 57.7323, 60.3995,
70.6854

128.4182,
134.5285, 154.8235

■ 41.8359, 43.7408,
51.6053

160.8637,
168.5704, 193.2305

■ 29.1633, 30.4668,
36.3105

198.3597,
207.9190, 237.5155

■ 19.3493, 20.1931,
24.3825

241.2718,
252.9588, 288.0971

■ 12.0285, 12.5355,
15.4028

289.9652,
304.0741, 345.3939

■ 6.8354, 7.1095,
8.9528

344.8054,

■ 3.4048, 3.5307,

361.6493, 409.8244

4.6140

406.1576,
426.0689, 481.8071

■ 1.3713, 1.4147,
1.9679

■ 0.2356, 0.2275,
0.5354

■ 77.2179, 80.8275,
93.9695

■ 77.2179, 80.8275,
93.9695

■ 64.9300, 66.9086,
91.9318

■ 91.1607, 96.4797,
96.2570

■ 54.2282, 54.6528,
90.1302

■ 92.7284, 99.0714,
96.6747

■ 45.0490, 44.0001,
88.5578

■ 37.3217, 34.8830,
87.2053

■ 30.9702, 27.2290,
86.0627

■ 25.9112, 20.9598,
85.1193

■ 22.0518, 15.9890,
84.3632

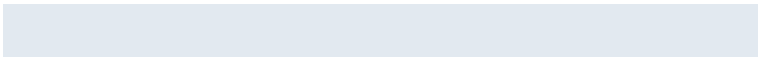
■ 19.2862, 12.2204,
83.7816

■ 17.4883, 9.5422,
83.3594

Harmonies

Analogous

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



76.1483, 80.8275, 93.7415



77.2179, 80.8275, 93.9695



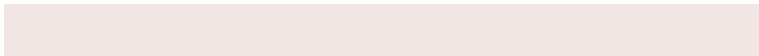
78.1908, 80.8275, 92.5721

Triad

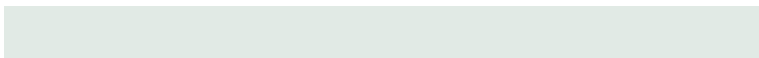
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.2179, 80.8275, 93.9695



78.4019, 80.8275, 84.1733



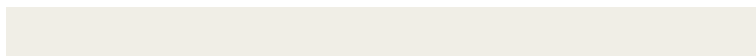
74.8805, 80.8275, 86.0805

Complementary

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



77.2179, 80.8275, 93.9695



80.7928, 85.3866, 87.0872

Split Complementary

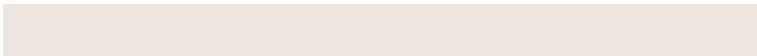
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.4734, 80.8275, 83.5953



77.2179, 80.8275, 93.9695



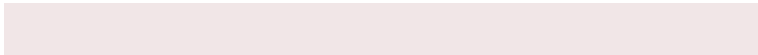
77.5039, 80.8275, 82.5121

Square

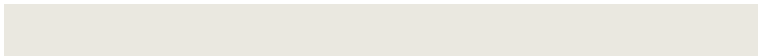
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.2179, 80.8275, 93.9695



78.8786, 80.8275, 86.8863



76.4317, 80.8275, 82.3030



74.8056, 80.8275, 89.1381

Rectangle

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



77.2179, 80.8275, 93.9695



78.6511, 80.8275, 90.9256



76.4317, 80.8275, 82.3030



75.0256, 80.8275, 85.1524

Sweetspot

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



77.2202, 80.8309, 93.9713



93.4710, 98.2255, 108.6407



79.2026, 85.3077, 93.0534



20.0233, 21.0430, 23.2563



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.



77.2202, 80.8309, 93.9713



87.3472, 91.3283, 107.6322



77.5761, 80.1818, 93.8272



16.1759, 16.8977, 20.1306



9.2649, 4.7541, 45.5572



0.8387, 0.5314, 3.8126

Inverse Universe

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



78.7993, 80.9466, 87.8191



89.5182, 91.4938, 99.1721



80.4250, 86.0679, 87.2381



16.6350, 16.9338, 18.3412



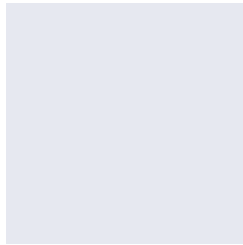
20.0021, 10.2733, 2.6617



1.6983, 0.8684, 0.4021

Previews

White Background



This preview shows how the XYZ color 77.2179, 80.8275, 93.9695 looks on a white background.

Color Contrast Check

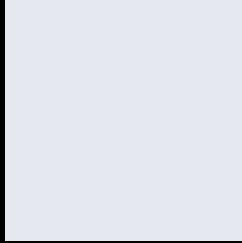
Large Text (above 18pt) WCAG AA × Fail

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 77.2179, 80.8275, 93.9695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

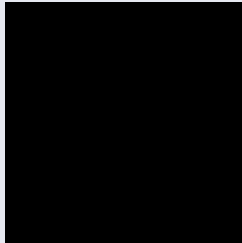
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

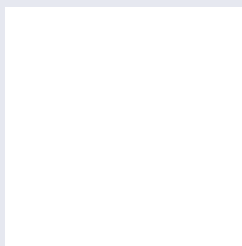
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.2179, 80.8275, 93.9695

Background



This preview shows how black text looks on a background with the XYZ color 77.2179, 80.8275, 93.9695.



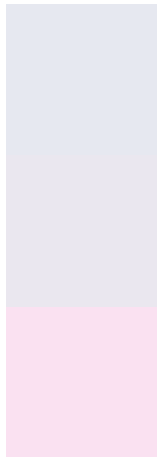
This preview shows how white text looks on a background with the XYZ color 77.2179, 80.8275,

93.9695.

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

77.2179, 80.8275, 93.9695

Protanopia

78.0876, 80.8762, 93.1564

Deuteranopia

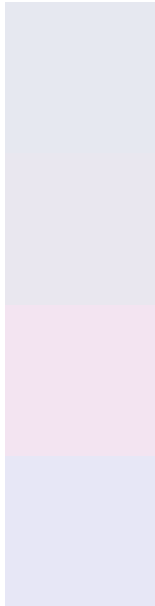
82.2267, 80.5253, 94.4282



Tritanopia

78.6298, 80.9803, 101.1091

Trichromacy



Original Color

77.2179, 80.8275, 93.9695

Protanomaly

77.7602, 80.7075, 93.1411

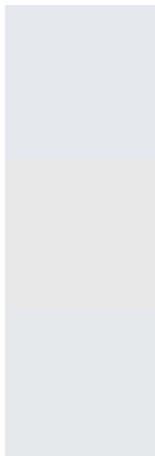
Deuteranomaly

80.5827, 80.8924, 94.5857

Tritanomaly

78.1655, 80.7946, 98.6639

Monochromacy



Original Color

77.2179, 80.8275, 93.9695

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.8070, 80.7003, 90.1258

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.2179, 80.8275, 93.9695 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(230, 232, 240) looks like.

```
.text, #text, p{  
    color:rgb(230, 232, 240)  
}
```

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(230, 232, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 232, 240) }
```

Border

The CSS property to change the border of an element to XYZ 77.2179, 80.8275, 93.9695 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(230, 232, 240) }
```


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

```
.border{ border-color:rgb(230, 232, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 232, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 232, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 232, 240);  
box-shadow:4px 4px 4px 4px rgb(230, 232,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 77.2179, 80.8275, 93.9695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 232, 240) }
```

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

```
.background{ background-color: rgb(230,  
232, 240) }
```

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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