

Converting Colors

XYZ(77.4895, 80.1879, 93.5983)

Have a look what the booklet for
XYZ(77.4895, 80.1879, 93.5983)
contains.

XYZ(77.6293, 80.2085, 93.8284)	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(77.6293, 80.2085,
93.8284)**

Conversions

Conversions Part 1

Format	Color
Hex	E9E6F0
RGB	233, 230, 240
RGB Percent	91%, 90%, 94%
CMY	0.0863, 0.0980, 0.0588
CMYK	0.03, 0.04, 0.00, 0.06
HSL	258°, 25%, 92%
HSV	258°, 4%, 94%
XYZ	77.6293, 80.2085, 93.8284
YIQ	232.0370, -1.4220, 3.7460

Conversions

Conversions Part 2

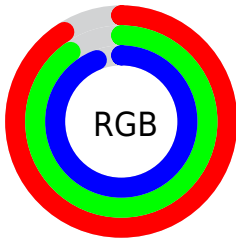
Format	Color
R _Y B	233, 230, 240
Decimal	15329008
CIE Lab	91.78, 2.81, -4.50
CIE LCh	92, 5.305, 302.033
Yxy	80.2085, 0.3085, 0.3187
Android (android.graphics.Color)	4293519088 (0xFFE9E6F0)
YUV	232.0370, 3.9258, 0.8446
Hunter-Lab	89.5592, -2.0060, 0.5751

Details

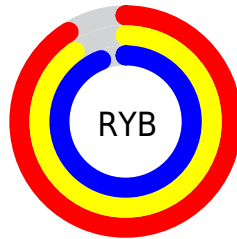
The XYZ color **77.6293, 80.2085, 93.8284** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **80.3710, 86.0400, 87.2382**, and the grayscale version is **76.7037, 80.6983, 87.8804**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.1132, 43.4677, 51.5179** is the 20% darker color. If you saturate the color by 10%, you get **66.1779, 65.0653, 91.5102**, and if you desaturate by 10%, it is **90.5274, 97.4669, 96.4810**.

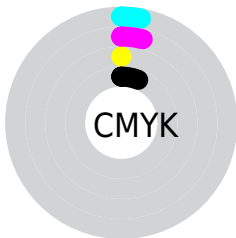
Distribution



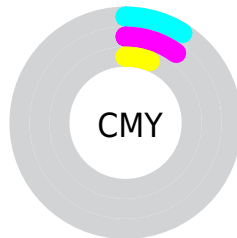
- Red (91%)
- Green (90%)
- Blue (94%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.6293, 80.2085, 93.8284 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 77.6293, 80.2085, 93.8284 by changing the saturation by 10% instead.

■ 77.6293, 80.2085,
93.8284

■ 77.6293, 80.2085,
93.8284

475.7661,
495.6352, 561.2956

■ 58.0712, 59.8899,
70.5687

128.9956,
133.6588, 154.6266

■ 42.1094, 43.3299,
51.5107

161.5345,
167.5594, 193.0023

■ 29.3784, 30.1441,
36.2356

199.1310,
206.7561, 237.2536

■ 19.5130, 19.9480,
24.3251

242.1506,
251.6333, 287.7993

■ 12.1478, 12.3572,
15.3605

290.9585,
302.5754, 345.0578

■ 6.9173, 6.9875,
8.9234

345.9202,

■ 3.4563, 3.4543,

359.9668, 409.4477

4.5951

407.4009,
424.1920, 481.3874

■ 1.3994, 1.3732,
1.9572

■ 0.2558, 0.1969,
0.5288

■ 77.6293, 80.2085,
93.8284

■ 77.6293, 80.2085,
93.8284

■ 66.1779, 65.0653,
91.5102

■ 90.5274, 97.4669,
96.4810

■ 56.1143, 51.9449,
89.5082

■ 92.7284, 99.0714,
96.6747

■ 47.3859, 40.7632,
87.8099

■ 39.9338, 31.4260,
86.4004

■ 33.6944, 23.8313,
85.2633

■ 28.5985, 17.8667,
84.3806

■ 24.5692, 13.4065,
83.7321

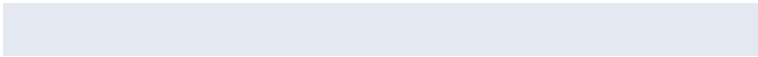
■ 21.5189, 10.3056,
83.2943

■ 19.3435, 8.3882,
83.0389

Harmonies

Analogous

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



76.3284, 80.2085, 95.0230



77.6293, 80.2085, 93.8284



78.5656, 80.2085, 90.8880

Triad

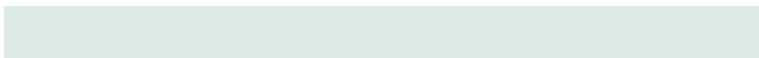
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.6293, 80.2085, 93.8284



77.4670, 80.2085, 80.8930



73.6556, 80.2085, 87.5990

Complementary

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



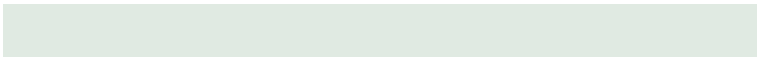
77.6293, 80.2085, 93.8284



80.3710, 86.0400, 87.2382

Split Complementary

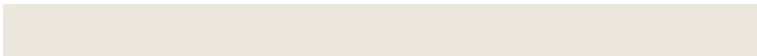
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.9525, 80.2085, 83.8727



77.6293, 80.2085, 93.8284



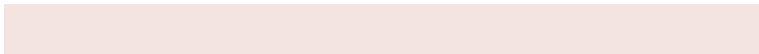
76.1432, 80.2085, 80.0703

Square

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



77.6293, 80.2085, 93.8284



78.4711, 80.2085, 83.4263



74.8590, 80.2085, 81.1453



74.0433, 80.2085, 91.3607

Rectangle

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



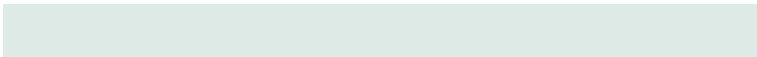
77.6293, 80.2085, 93.8284



78.8514, 80.2085, 88.3742



74.8590, 80.2085, 81.1453



73.6787, 80.2085, 86.3009

Sweetspot

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



77.6316, 80.2119, 93.8302



93.5880, 98.0467, 108.6000



78.6965, 83.7817, 94.4631



20.0471, 21.0066, 23.2480



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

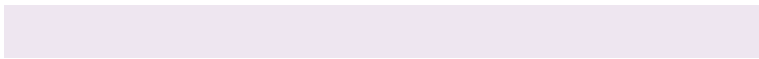
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.6316, 80.2119, 93.8302



87.9079, 90.4790, 107.4387



79.2315, 81.0367, 93.9050



16.2941, 16.7190, 20.0899



10.1874, 4.2572, 45.4127



0.9442, 0.4040, 3.7824

Inverse Universe

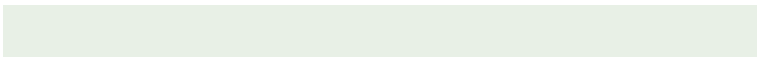
The Inverse Universe completely reimagines the original color for something new.



79.5208, 81.2369, 91.6137



90.5073, 91.8895, 104.3801



78.7786, 85.2191, 87.1637



16.8440, 17.0174, 19.4414



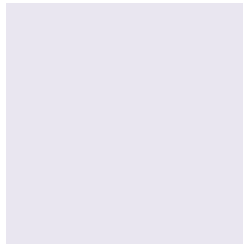
23.6049, 11.7144, 21.6338



2.0074, 0.9920, 2.0298

Previews

White Background



This preview shows how the XYZ color 77.6293, 80.2085, 93.8284 looks on a white background.

Color Contrast Check

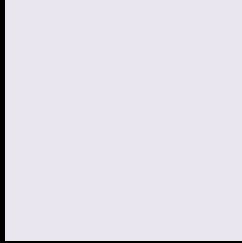
Large Text (above 18pt) WCAG AA × Fail

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 77.6293, 80.2085, 93.8284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

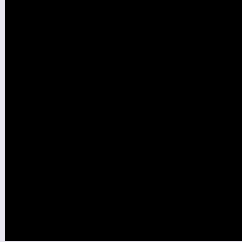
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

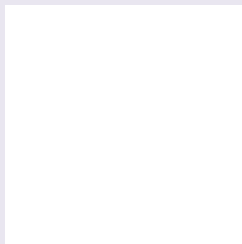
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.6293, 80.2085, 93.8284

Background



This preview shows how black text looks on a background with the XYZ color 77.6293, 80.2085, 93.8284.



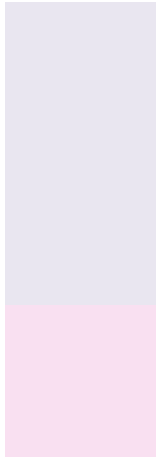
This preview shows how white text looks on a background with the XYZ color 77.6293, 80.2085,

93.8284.

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

77.6293, 80.2085, 93.8284

Protanopia

77.6293, 80.2085, 93.8284

Deuteranopia

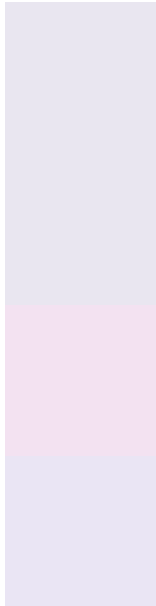
81.5998, 79.8019, 94.3216



Tritanopia

78.7395, 80.2464, 99.3348

Trichromacy



Original Color

77.6293, 80.2085, 93.8284

Protanomaly

77.6293, 80.2085, 93.8284

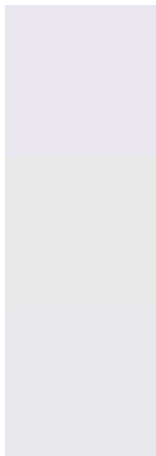
Deuteranomaly

80.0357, 79.7983, 94.4034

Tritanomaly

78.2801, 80.0627, 96.9158

Monochromacy



Original Color

77.6293, 80.2085, 93.8284

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.8500, 80.3058, 90.0474

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.6293, 80.2085, 93.8284 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, 230, 240) looks like.

```
.text, #text, p{  
    color:rgb(233, 230, 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(233, 230, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 230, 240) }
```

Border

The CSS property to change the border of an element to XYZ 77.6293, 80.2085, 93.8284 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, 230, 240) }
```


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

```
.border{ border-color:rgb(233, 230, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 230, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 230, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 230, 240);  
box-shadow:4px 4px 4px 4px rgb(233, 230,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 77.6293, 80.2085, 93.8284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 230, 240) }
```

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

```
.background{ background-color: rgb(233,  
230, 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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