

Converting Colors

XYZ(77.6984, 84.6136, 79.2281)

Have a look what the booklet for
XYZ(77.6984, 84.6136, 79.2281)
contains.

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Color

**XYZ(77.5844, 84.3399,
79.2079)**

Conversions

Conversions Part 1

Format	Color
Hex	EAEFDB
RGB	234, 239, 219
RGB Percent	92%, 94%, 86%
CMY	0.0823, 0.0627, 0.1412
CMYK	0.02, 0.00, 0.08, 0.06
HSL	75°, 38%, 90%
HSV	75°, 8%, 94%
XYZ	77.5844, 84.3399, 79.2079
YIQ	235.2250, 3.4400, -7.2800

Conversions

Conversions Part 2

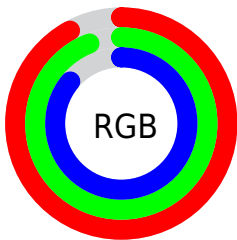
Format	Color
R _Y B	219, 239, 224
Decimal	15396827
CIE Lab	93.60, -5.12, 9.09
CIE LCh	94, 10.432, 119.392
Yxy	84.3399, 0.3218, 0.3498
Android (android.graphics.Color)	4293586907 (0xFFEAEFDB)
YUV	235.2250, -7.9989, -1.0743
Hunter-Lab	91.8368, -9.9162, 13.1489

Details

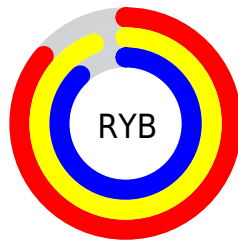
The XYZ color **77.5844, 84.3399, 79.2079** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.6552, 72.7446, 91.9302**, and the grayscale version is **79.1962, 83.3206, 90.7361**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.9944, 46.0123, 41.7899** is the 20% darker color. If you saturate the color by 10%, you get **72.7319, 82.1787, 63.7185**, and if you desaturate by 10%, it is **82.9596, 86.7234, 97.0835**.

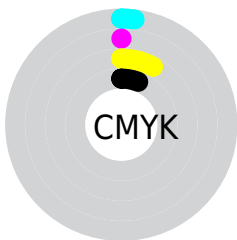
Distribution



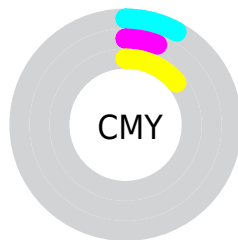
- Red (92%)
- Green (94%)
- Blue (86%)



- Red (86%)
- Yellow (94%)
- Blue (88%)



- Cyan (2%)
- Magenta (0%)
- Yellow (8%)
- Black (6%)



- Cyan (8%)
- Magenta (6%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.5844, 84.3399, 79.2079 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 77.5844, 84.3399, 79.2079 by changing the saturation by 10% instead.

■ 77.5844, 84.3399,
79.2079

■ 77.5844, 84.3399,
79.2079

475.6157,
509.4413, 511.8956

■ 58.0342, 63.2961,
58.5444

128.9326,
139.4505, 134.0528

■ 42.0795, 46.0808,
41.8289

161.4613,
174.2862, 169.0714

■ 29.3550, 32.3096,
28.6428

199.0469,
214.4879, 209.7120

■ 19.4951, 21.5981,
18.5675

242.0547,
260.4401, 256.3933

■ 12.1347, 13.5619,
11.1845

290.8502,
312.5271, 309.5337

■ 6.9083, 7.8166,
6.0754

345.7986,

■ 3.4507, 3.9778,

371.1334, 369.5519

2.8214

407.2653,
436.6433, 436.8663

■ 1.3963, 1.6612,
1.0042

■ 0.2536, 0.3983,
0.0000

■ 77.5844, 84.3399,
79.2079

■ 77.5844, 84.3399,
79.2079

■ 72.7319, 82.1787,
63.7185

■ 82.9596, 86.7234,
97.0835

■ 68.3754, 80.2207,
50.5088

■ 86.9101, 88.5419,
107.1174

■ 64.4960, 78.4610,
39.4726

■ 89.0409, 89.6404,
107.2171

■ 61.0709, 76.8905,
30.4929

■ 90.1582, 90.2163,
107.2694

■ 58.0750, 75.4991,
23.4417

■ 55.4808, 74.2755,
18.1770

■ 53.2568, 73.2073,
14.5367

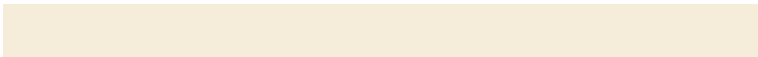
■ 51.3659, 72.2794,
12.3300

■ 49.7559, 71.4709,
11.2847

Harmonies

Analogous

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



80.2189, 84.3399, 77.4480



77.5844, 84.3399, 79.2079



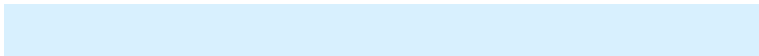
75.6783, 84.3399, 84.3038

Triad

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



77.5844, 84.3399, 79.2079



77.4890, 84.3399, 105.5533



85.5908, 84.3399, 91.9932

Complementary

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



77.5844, 84.3399, 79.2079



71.6552, 72.7446, 91.9302

Split Complementary

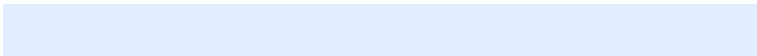
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.8205, 84.3399, 99.7952



77.5844, 84.3399, 79.2079



80.1062, 84.3399, 107.8946

Square

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



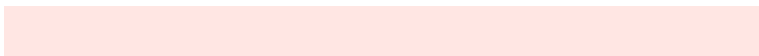
77.5844, 84.3399, 79.2079



75.6241, 84.3399, 99.5001



82.7972, 84.3399, 105.7305



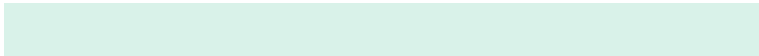
84.8790, 84.3399, 84.5680

Rectangle

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



77.5844, 84.3399, 79.2079



75.0553, 84.3399, 89.0605



82.7972, 84.3399, 105.7305



85.4963, 84.3399, 94.6601

Sweetspot

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



77.5867, 84.3436, 79.2097



93.1420, 99.1559, 102.5090



75.0413, 76.7791, 77.8838



19.8291, 21.1760, 21.5848



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

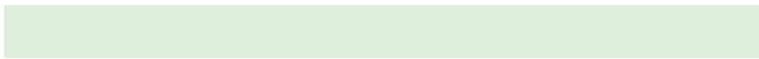
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.5867, 84.3436, 79.2097



88.9046, 97.2752, 88.5855



74.3959, 82.6986, 79.0604



16.7142, 18.2484, 16.7911



27.4841, 39.4901, 6.1738



2.3766, 3.3317, 0.5178

Inverse Universe

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



71.6552, 72.7446, 91.9302



80.7599, 81.3479, 106.0530



74.8460, 74.3895, 92.0796



15.2678, 15.4197, 19.8932



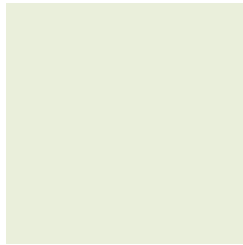
9.7334, 4.0232, 45.3914



0.8979, 0.3801, 3.7803

Previews

White Background



This preview shows how the XYZ color 77.5844, 84.3399, 79.2079 looks on a white background.

Color Contrast Check

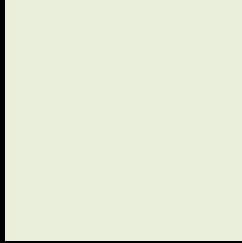
Large Text (above 18pt) WCAG AA × Fail

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 77.5844, 84.3399, 79.2079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

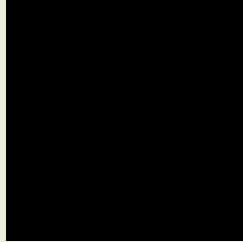
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

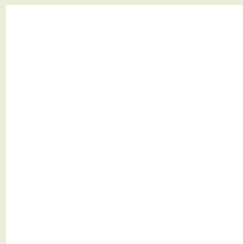
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.5844, 84.3399, 79.2079

Background



This preview shows how black text looks on a background with the XYZ color 77.5844, 84.3399, 79.2079.

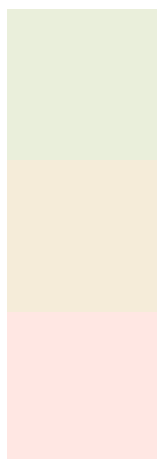


This preview shows how white text looks on a background with the XYZ color 77.5844, 84.3399,

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

77.5844, 84.3399, 79.2079

Protanopia

80.1760, 84.4131, 77.7133

Deuteranopia

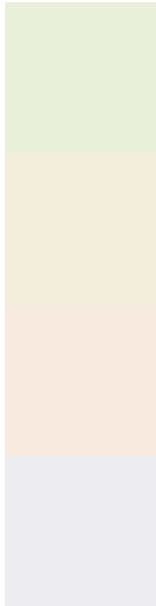
83.6810, 83.9579, 84.4681



Tritanopia

82.7490, 84.2882, 104.8364

Trichromacy



Original Color

77.5844, 84.3399, 79.2079

Protanomaly

79.2147, 84.3311, 78.4321

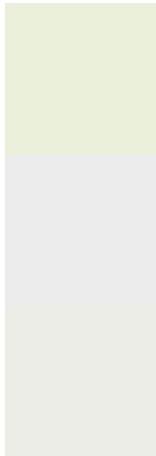
Deuteranomaly

81.2351, 84.0016, 82.4534

Tritanomaly

80.7977, 84.3463, 95.2411

Monochromacy



Original Color

77.5844, 84.3399, 79.2079

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

78.3993, 83.3102, 86.0771

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.5844, 84.3399, 79.2079 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(234, 239, 219) looks like.

```
.text, #text, p{  
    color:rgb(234, 239, 219)  
}
```

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(234, 239, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 239, 219) }
```

Border

The CSS property to change the border of an element to XYZ 77.5844, 84.3399, 79.2079 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(234, 239, 219) }
```


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

```
.border{ border-color:rgb(234, 239, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 239, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 239, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 239, 219);  
box-shadow:4px 4px 4px 4px rgb(234, 239,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 77.5844, 84.3399, 79.2079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 239, 219) }
```

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

```
.background{ background-color: rgb(234,  
239, 219) }
```

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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