

Converting Colors

XYZ(76.3904, 79.8420, 85.9921)

Have a look what the booklet for
XYZ(76.3904, 79.8420, 85.9921)
contains.

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Color

**XYZ(76.5114, 79.7992,
86.2331)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE6E6
RGB	234, 230, 230
RGB Percent	92%, 90%, 90%
CMY	0.0823, 0.0980, 0.0980
CMYK	0.00, 0.02, 0.02, 0.08
HSL	0°, 9%, 91%
HSV	0°, 2%, 92%
XYZ	76.5114, 79.7992, 86.2331
YIQ	231.1960, 2.3840, 0.8480

Conversions

Conversions Part 2

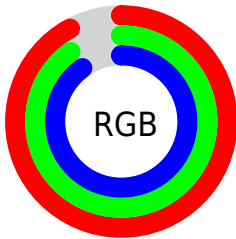
Format	Color
R_{YB}	234, 230, 230
Decimal	15394534
CIE Lab	91.59, 1.35, 0.47
CIE LCh	92, 1.429, 19.075
Yxy	79.7992, 0.3155, 0.3290
Android (android.graphics.Color)	4293584614 (0xFFEAE6E6)
YUV	231.1960, -0.5896, 2.4591
Hunter-Lab	89.3304, -3.4431, 5.2970

Details

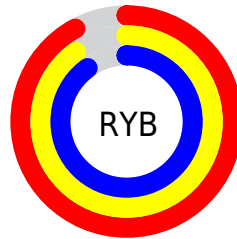
The XYZ color **76.5114, 79.7992, 86.2331** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.9072, 81.6080, 89.5414**, and the grayscale version is **76.1065, 80.0699, 87.1962**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4279, 43.2201, 46.7163** is the 20% darker color. If you saturate the color by 10%, you get **67.3689, 66.4241, 68.0467**, and if you desaturate by 10%, it is **86.9720, 95.1025, 107.0371**.

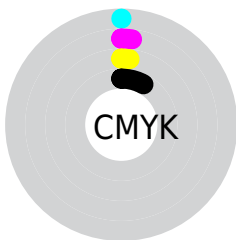
Distribution



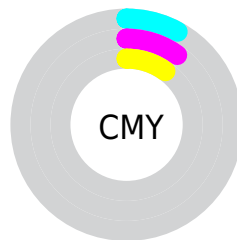
- Red (92%)
- Green (90%)
- Blue (90%)



- Red (92%)
- Yellow (90%)
- Blue (90%)



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



- Cyan (8%)
- Magenta (10%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.5114, 79.7992, 86.2331 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 76.5114, 79.7992, 86.2331 by changing the saturation by 10% instead.

■ 76.5114, 79.7992,
86.2331

■ 76.5114, 79.7992,
86.2331

472.0140,
494.2559, 535.9501

■ 57.1505, 59.5531,
64.3047

127.4261,
133.0834, 143.9842

■ 41.3667, 43.0585,
46.4498

159.7105,
166.8903, 180.6439

■ 28.7946, 29.9311,
32.2497

197.0335,
205.9862, 223.0513

■ 19.0690, 19.7863,
21.2859

239.7604,
250.7557, 271.6247

■ 11.8245, 12.2398,
13.1399

288.2565,
301.5830, 326.7827

■ 6.6956, 6.9072,
7.3931

342.8873,

■ 3.3171, 3.4041,

358.8525, 388.9440

3.6270

404.0180,
422.9487, 458.5269

■ 1.3236, 1.3462,
1.4230

■ 0.2008, 0.1765,
0.1596

■ 76.5114, 79.7992,
86.2331

■ 76.5114, 79.7992,
86.2331

■ 67.3689, 66.4241,
68.0467

■ 86.9720, 95.1025,
107.0371

■ 59.4858, 54.8908,
52.3694

■ 87.7421, 96.2327,
108.5580

■ 52.8090, 45.1219,
39.0927

■ 47.2791, 37.0305,
28.0980

■ 42.8314, 30.5221,
19.2569

■ 39.3952, 25.4932,
12.4283

■ 36.8912, 21.8278,
7.4541

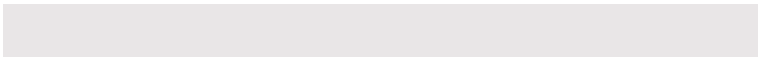
■ 35.2280, 19.3926,
4.1528

■ 34.2965, 18.0278,
2.3063

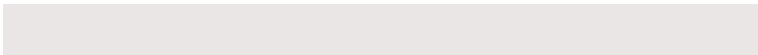
Harmonies

Analogous

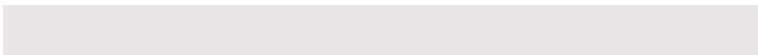
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.5373, 79.7992, 87.2689



76.5114, 79.7992, 86.2331



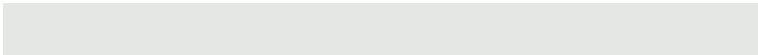
76.3070, 79.7992, 85.3792

Triad

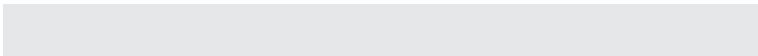
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.5114, 79.7992, 86.2331



75.3182, 79.7992, 85.5788



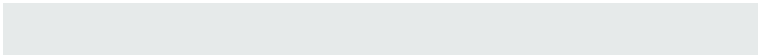
75.7139, 79.7992, 88.8746

Complementary

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



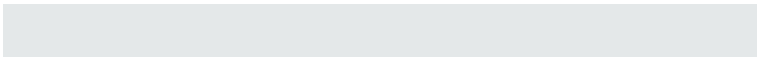
76.5114, 79.7992, 86.2331



76.9072, 81.6080, 89.5414

Split Complementary

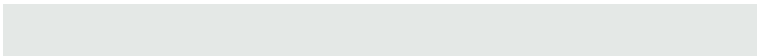
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.3883, 79.7992, 88.4140



76.5114, 79.7992, 86.2331



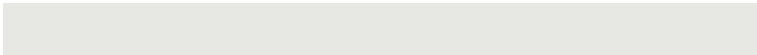
75.1603, 79.7992, 86.5077

Square

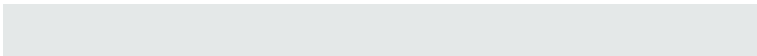
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



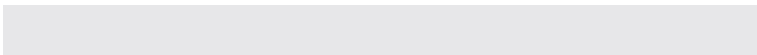
76.5114, 79.7992, 86.2331



75.6178, 79.7992, 85.0036



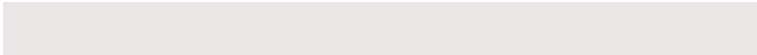
75.1860, 79.7992, 87.5457



76.0761, 79.7992, 88.7996

Rectangle

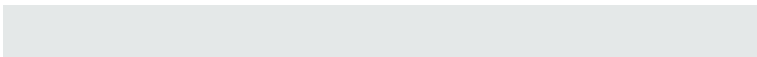
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



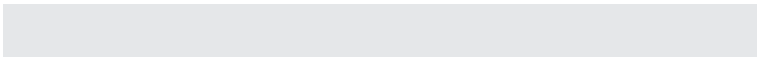
76.5114, 79.7992, 86.2331



76.0975, 79.7992, 85.0254



75.1860, 79.7992, 87.5457



75.5966, 79.7992, 88.7771

Sweetspot

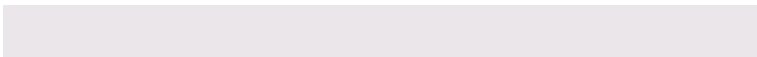
The Sweet Spot groups the original color and five complimentary colors.



76.5137, 79.8026, 86.2348



93.8348, 98.2222, 106.4829



77.0809, 80.0278, 89.2273



20.0973, 21.0423, 22.8172



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

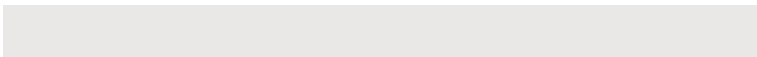
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.5137, 79.8026, 86.2348



92.6357, 96.4681, 104.0981



77.0723, 80.9200, 86.4211



16.5941, 17.2910, 18.6687



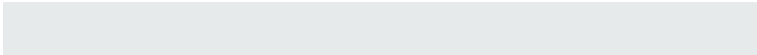
19.0697, 9.8337, 0.8930



1.4979, 0.7730, 0.0703

Inverse Universe

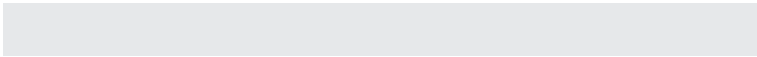
The Inverse Universe completely reimagines the original color for something new.



76.9072, 81.6080, 89.5414



93.1969, 99.0423, 108.8128



76.3422, 80.4779, 89.3531



16.6888, 17.7252, 19.4640



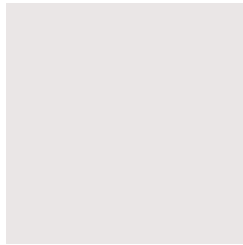
24.8432, 36.3334, 49.4466



1.9512, 2.8539, 3.8829

Previews

White Background



This preview shows how the XYZ color 76.5114, 79.7992, 86.2331 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 76.5114, 79.7992, 86.2331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

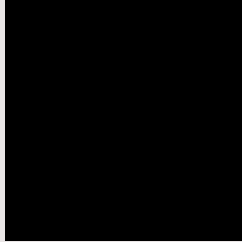
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

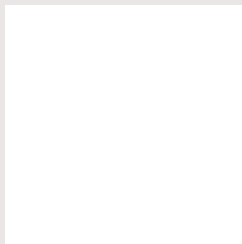
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.5114, 79.7992, 86.2331

Background



This preview shows how black text looks on a background with the XYZ color 76.5114, 79.7992, 86.2331.



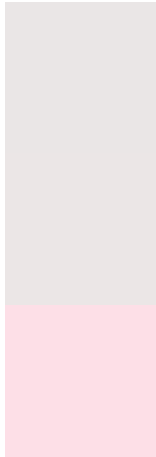
This preview shows how white text looks on a background with the XYZ color 76.5114, 79.7992,

86.2331.

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

76.5114, 79.7992, 86.2331

Protanopia

76.8407, 79.9690, 86.2485

Deuteranopia

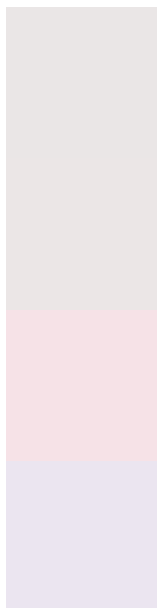
81.3195, 79.4275, 86.6464



Tritanopia

78.9700, 79.9735, 98.4630

Trichromacy



Original Color

76.5114, 79.7992, 86.2331

Protanomaly

76.8407, 79.9690, 86.2485

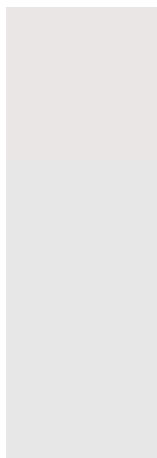
Deuteranomaly

79.6262, 79.7551, 86.7988

Tritanomaly

78.0084, 79.9921, 93.7666

Monochromacy



Original Color

76.5114, 79.7992, 86.2331

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.2784, 80.0772, 87.0374

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5114, 79.7992, 86.2331 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, 230, 230) looks like.

```
.text, #text, p{  
    color:rgb(234, 230, 230)  
}
```

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, 230, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 230, 230) }
```

Border

The CSS property to change the border of an element to XYZ 76.5114, 79.7992, 86.2331 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, 230, 230) }
```


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

```
.border{ border-color:rgb(234, 230, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 230, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 230, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 230, 230);  
box-shadow:4px 4px 4px 4px rgb(234, 230,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5114, 79.7992, 86.2331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 230, 230) }
```

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

```
.background{ background-color: rgb(234,  
230, 230) }
```

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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