

Converting Colors

XYZ(76.2914, 80.1958, 81.9794)

Have a look what the booklet for
XYZ(76.2914, 80.1958, 81.9794)
contains.

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Color

**XYZ(76.2914, 80.1958,
81.9794)**

Conversions

Conversions Part 1

Format	Color
Hex	EBE7E0
RGB	235, 231, 224
RGB Percent	92%, 91%, 88%
CMY	0.0784, 0.0941, 0.1216
CMYK	0.00, 0.02, 0.05, 0.08
HSL	38°, 22%, 90%
HSV	38°, 5%, 92%
XYZ	76.2914, 80.1958, 81.9794
YIQ	231.3980, 4.6310, -1.3290

Conversions

Conversions Part 2

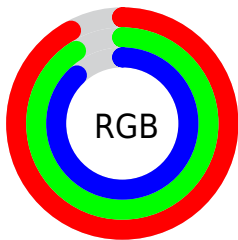
Format	Color
R_{YB}	230, 235, 224
Decimal	15460320
CIE Lab	91.77, 0.14, 3.87
CIE LCh	92, 3.870, 87.964
Yxy	80.1958, 0.3199, 0.3363
Android (android.graphics.Color)	4293650400 (0xFFE7E0)
YUV	231.3980, -3.6472, 3.1590
Hunter-Lab	89.5521, -4.6481, 8.4102

Details

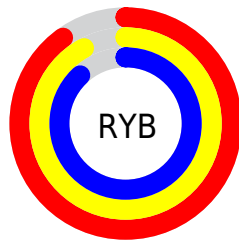
The XYZ color **76.2914, 80.1958, 81.9794** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.4793, 77.3311, 89.6518**, and the grayscale version is **76.2779, 80.2503, 87.3926**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0818, 43.1082, 43.6916** is the 20% darker color. If you saturate the color by 10%, you get **70.9915, 74.3481, 65.5604**, and if you desaturate by 10%, it is **82.1529, 86.4597, 100.7607**.

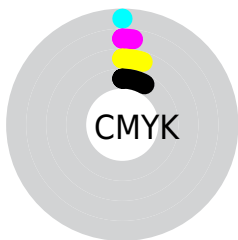
Distribution



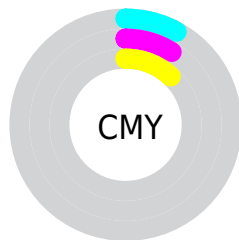
- Red (92%)
- Green (91%)
- Blue (88%)



- Red (90%)
- Yellow (92%)
- Blue (88%)



- Cyan (0%)
- Magenta (2%)
- Yellow (5%)
- Black (8%)



- Cyan (8%)
- Magenta (9%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.2914, 80.1958, 81.9794 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 76.2914, 80.1958, 81.9794 by changing the saturation by 10% instead.

■ 76.2914, 80.1958,
81.9794

■ 76.2914, 80.1958,
81.9794

471.2737,
495.5924, 521.4604

■ 56.9694, 59.8795,
60.8128

127.1169,
133.6410, 137.9815

■ 41.2207, 43.3215,
43.6446

159.3511,
167.5386, 173.6542

■ 28.6800, 30.1375,
30.0560

196.6200,
206.7322, 214.9993

■ 18.9819, 19.9429,
19.6287

239.2891,
251.6061, 262.4354

■ 11.7612, 12.3536,
11.9441

287.7236,
302.5446, 316.3810

■ 6.6523, 6.9850,
6.5835

342.2890,

■ 3.2900, 3.4527,

359.9323, 377.2547

3.1286

403.3506,
424.1534, 445.4750

■ 1.3089, 1.3724,
1.1606

■ 0.1899, 0.1962,
0.0000

■ 76.2914, 80.1958,
81.9794

■ 76.2914, 80.1958,
81.9794

■ 70.9915, 74.3481,
65.5604

■ 82.1529, 86.4597,
100.7607

■ 66.2268, 68.8958,
51.4034

■ 85.9030, 92.0656,
107.8506

■ 61.9788, 63.8313,
39.4086

■ 88.0714, 96.4024,
108.5734

■ 58.2251, 59.1429,
29.4665

■ 54.9414, 54.8181,
21.4579

■ 52.1010, 50.8434,
15.2515

■ 49.6740, 47.2038,
10.6992

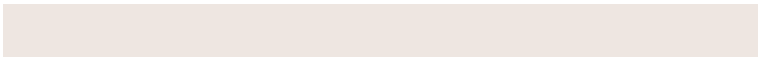
■ 47.6262, 43.8826,
7.6291

■ 45.9157, 40.8599,
5.8308

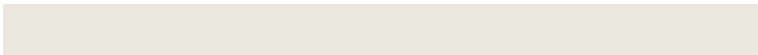
Harmonies

Analogous

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



77.2388, 80.1958, 82.7753



76.2914, 80.1958, 81.9794



75.3338, 80.1958, 82.5884

Triad

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



76.2914, 80.1958, 81.9794



74.5533, 80.1958, 89.9033



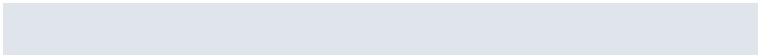
77.8502, 80.1958, 90.2460

Complementary

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



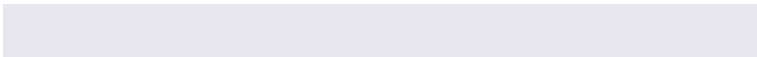
76.2914, 80.1958, 81.9794



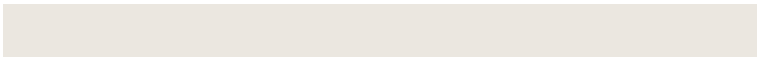
73.4793, 77.3311, 89.6518

Split Complementary

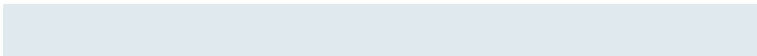
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.1206, 80.1958, 92.2281



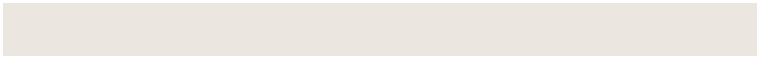
76.2914, 80.1958, 81.9794



75.2176, 80.1958, 92.0272

Square

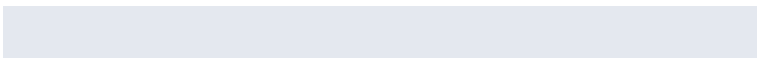
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



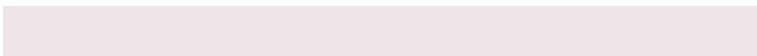
76.2914, 80.1958, 81.9794



74.3355, 80.1958, 87.1259



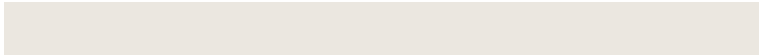
76.1560, 80.1958, 92.8868



78.1436, 80.1958, 87.5136

Rectangle

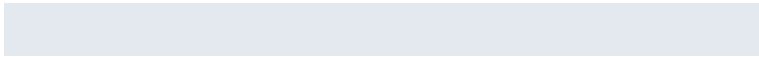
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.2914, 80.1958, 81.9794



74.8174, 80.1958, 83.7168



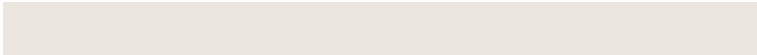
76.1560, 80.1958, 92.8868



77.6475, 80.1958, 91.0243

Sweetspot

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



76.2936, 80.1993, 81.9811



94.3473, 99.2473, 106.6538



74.9259, 76.5780, 84.2562



20.2016, 21.2510, 22.8520



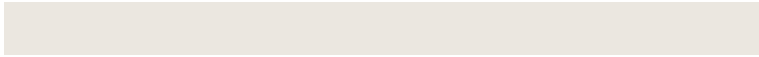
0.0000, 0.0000, 0.0000



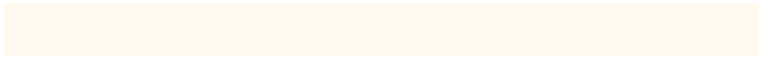
20.3446, 21.4041, 23.3091

Same Dimension

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



76.2936, 80.1993, 81.9811



90.9362, 95.5585, 95.8564



76.9426, 82.2131, 82.3356



16.1948, 17.0151, 16.9238



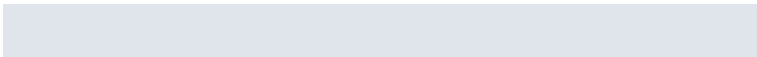
25.2308, 22.1559, 2.9467



2.0721, 1.9215, 0.2617

Inverse Universe

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



73.4793, 77.3311, 89.6518



86.6139, 91.1537, 107.6371



72.8492, 75.3934, 89.3110



15.3483, 16.1524, 19.2310



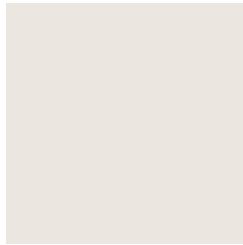
10.2803, 7.2075, 44.5923



0.8959, 0.7433, 3.5311

Previews

White Background



This preview shows how the XYZ color 76.2914, 80.1958, 81.9794 looks on a white background.

Color Contrast Check

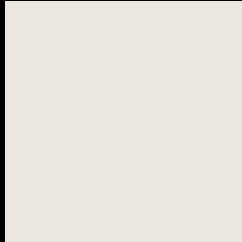
Large Text (above 18pt) WCAG AA × Fail

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 76.2914, 80.1958, 81.9794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

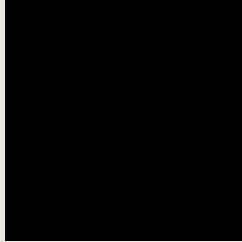
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

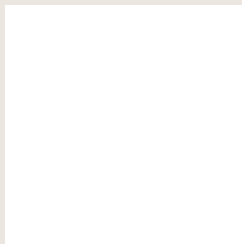
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.2914, 80.1958, 81.9794

Background



This preview shows how black text looks on a background with the XYZ color 76.2914, 80.1958, 81.9794.



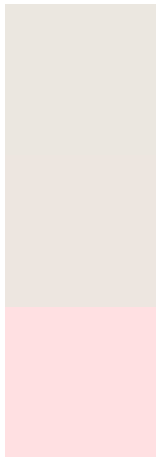
This preview shows how white text looks on a background with the XYZ color 76.2914, 80.1958,

81.9794.

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

76.2914, 80.1958, 81.9794

Protanopia

76.6764, 79.9800, 81.9174

Deuteranopia

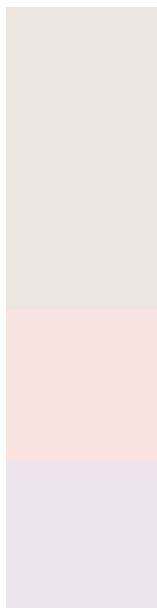
81.6231, 80.0623, 83.1031



Tritanopia

79.6379, 80.3178, 98.4943

Trichromacy



Original Color

76.2914, 80.1958, 81.9794

Protanomaly

76.3434, 79.8083, 81.9018

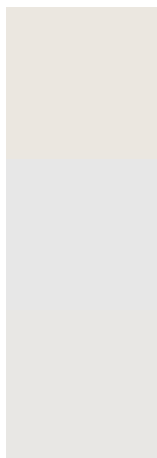
Deuteranomaly

79.7711, 80.3309, 82.5352

Tritanomaly

78.3770, 80.2162, 92.2413

Monochromacy



Original Color

76.2914, 80.1958, 81.9794

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.8582, 79.9091, 84.8246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2914, 80.1958, 81.9794 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(235, 231, 224) looks like.

```
.text, #text, p{  
    color:rgb(235, 231, 224)  
}
```

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(235, 231, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 231, 224) }
```

Border

The CSS property to change the border of an element to XYZ 76.2914, 80.1958, 81.9794 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(235, 231, 224) }
```


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

```
.border{ border-color:rgb(235, 231, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 231, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 231, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 231, 224);  
box-shadow:4px 4px 4px 4px rgb(235, 231,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2914, 80.1958, 81.9794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 231, 224) }
```

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

```
.background{ background-color: rgb(235,  
231, 224) }
```

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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