

Converting Colors

XYZ(76.6116, 80.1345, 80.1703)

Have a look what the booklet for
XYZ(76.6116, 80.1345, 80.1703)
contains.

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Color

**XYZ(76.6079, 79.9912,
79.8088)**

Conversions

Conversions Part 1

Format	Color
Hex	EEE6DD
RGB	238, 230, 221
RGB Percent	93%, 90%, 87%
CMY	0.0667, 0.0980, 0.1333
CMYK	0.00, 0.03, 0.07, 0.07
HSL	32°, 33%, 90%
HSV	32°, 7%, 93%
XYZ	76.6079, 79.9912, 79.8088
YIQ	231.3660, 7.6570, -1.1030

Conversions

Conversions Part 2

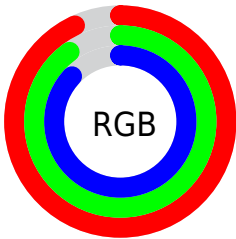
Format	Color
R _Y B	236, 238, 221
Decimal	15656669
CIE Lab	91.68, 1.17, 5.33
CIE LCh	92, 5.458, 77.572
Yxy	79.9912, 0.3240, 0.3384
Android (android.graphics.Color)	4293846749 (0xFFEEE6DD)
YUV	231.3660, -5.1104, 5.8180
Hunter-Lab	89.4378, -3.6221, 9.6997

Details

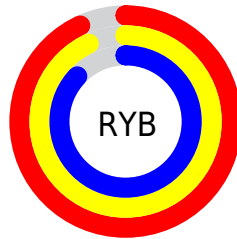
The XYZ color **76.6079, 79.9912, 79.8088** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.2708, 77.5828, 92.0032**, and the grayscale version is **76.2630, 80.2346, 87.3755**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5043, 43.3582, 42.2579** is the 20% darker color. If you saturate the color by 10%, you get **70.6438, 72.7825, 63.2696**, and if you desaturate by 10%, it is **83.2261, 87.7869, 98.7858**.

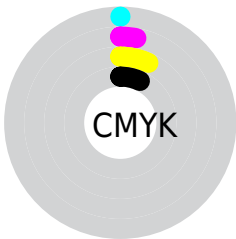
Distribution



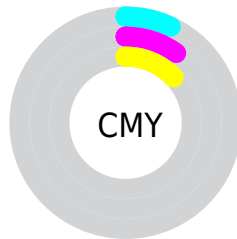
- Red (93%)
- Green (90%)
- Blue (87%)



- Red (93%)
- Yellow (93%)
- Blue (87%)



- Cyan (0%)
- Magenta (3%)
- Yellow (7%)
- Black (7%)



- Cyan (7%)
- Magenta (10%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.6079, 79.9912, 79.8088 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 76.6079, 79.9912, 79.8088 by changing the saturation by 10% instead.

76.6079, 79.9912,
79.8088

76.6079, 79.9912,
79.8088

472.3386,
494.9032, 513.9780

57.2299, 59.7111,
59.0358

127.5616,
133.3534, 134.9059

41.4307, 43.1858,
42.2217

159.8681,
167.2042, 170.0670

28.8450, 30.0309,
28.9481

197.2148,
206.3475, 210.8612

19.1073, 19.8621,
18.7963

239.9670,
251.1675, 257.7071

11.8523, 12.2948,
11.3479

288.4901,
302.0487, 311.0232

6.7146, 6.9448,
6.1842

343.1495,

3.3290, 3.4276,

359.3754, 371.2280

2.8868

404.3106,
423.5321, 438.7401

■ 1.3301, 1.3588,
1.0371

■ 0.2055, 0.1861,
0.0000

■ 76.6079, 79.9912,
79.8088

■ 76.6079, 79.9912,
79.8088

■ 70.6438, 72.7825,
63.2696

■ 83.2261, 87.7869,
98.7858

■ 65.3047, 66.1352,
49.0626

■ 88.2448, 95.2661,
108.3450

■ 60.5687, 60.0373,
37.0821

■ 89.0704, 96.9174,
108.6202

■ 56.4102, 54.4721,
27.2125

■ 52.8013, 49.4219,
19.3271

■ 49.7114, 44.8677,
13.2858

■ 47.1064, 40.7889,
8.9298

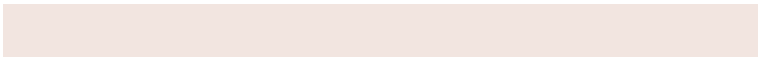
■ 44.9465, 37.1624,
6.0730

■ 43.1817, 33.9604,
4.4744

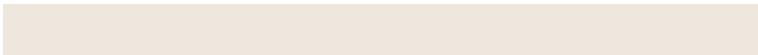
Harmonies

Analogous

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



77.8531, 79.9912, 81.5492



76.6079, 79.9912, 79.8088



75.2224, 79.9912, 79.9773

Triad

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



76.6079, 79.9912, 79.8088



73.5009, 79.9912, 89.4365



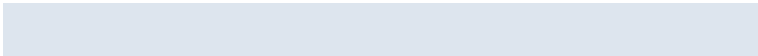
78.0262, 79.9912, 92.3825

Complementary

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



76.6079, 79.9912, 79.8088



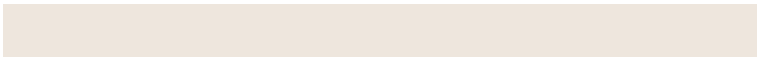
73.2708, 77.5828, 92.0032

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.



76.8419, 79.9912, 94.6268



76.6079, 79.9912, 79.8088



74.2341, 79.9912, 92.8905

Square

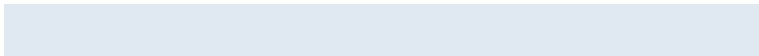
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.6079, 79.9912, 79.8088



73.4400, 79.9912, 85.4542



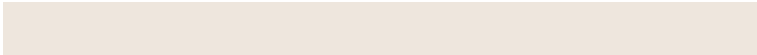
75.4535, 79.9912, 94.8155



78.6787, 79.9912, 88.7604

Rectangle

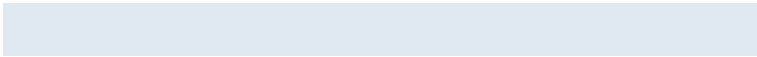
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.6079, 79.9912, 79.8088



74.4055, 79.9912, 81.1495



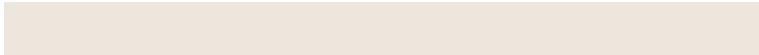
75.4535, 79.9912, 94.8155



77.6764, 79.9912, 93.3278

Sweetspot

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



76.6101, 79.9947, 79.8105



93.4792, 98.1549, 104.3792



75.2906, 75.5605, 84.9050



20.0249, 21.0286, 22.3888



0.0000, 0.0000, 0.0000



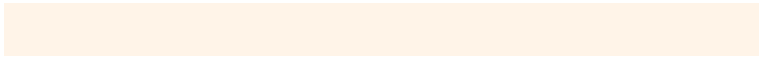
20.3446, 21.4041, 23.3091

Same Dimension

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



76.6101, 79.9947, 79.8105



88.2251, 91.9141, 89.4724



78.7916, 84.4988, 80.5649



16.4659, 17.1449, 16.5912



23.9687, 18.7356, 2.3530



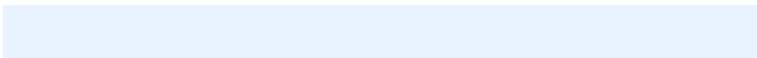
2.0935, 1.7577, 0.2289

Inverse Universe

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



73.2708, 77.5828, 92.0032



83.3490, 88.3923, 107.2762



71.1954, 73.3039, 91.2867



15.5103, 16.4547, 20.0802



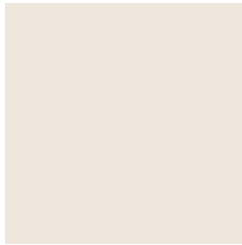
11.9661, 10.1565, 46.4576



1.0943, 1.0425, 3.8978

Previews

White Background



This preview shows how the XYZ color 76.6079, 79.9912, 79.8088 looks on a white background.

Color Contrast Check

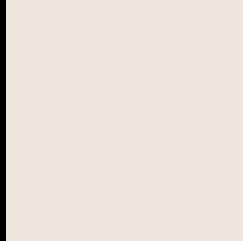
Large Text (above 18pt) WCAG AA × Fail

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 76.6079, 79.9912, 79.8088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

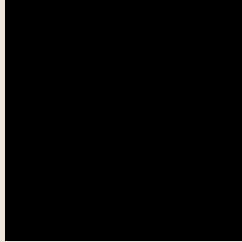
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

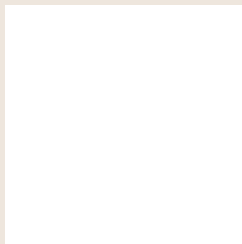
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.6079, 79.9912, 79.8088

Background



This preview shows how black text looks on a background with the XYZ color 76.6079, 79.9912, 79.8088.



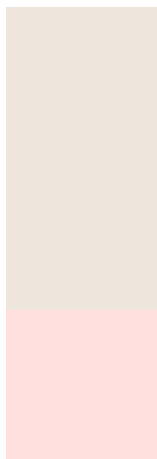
This preview shows how white text looks on a background with the XYZ color 76.6079, 79.9912,

79.8088.

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

76.6079, 79.9912, 79.8088

Protanopia

76.6079, 79.9912, 79.8088

Deuteranopia

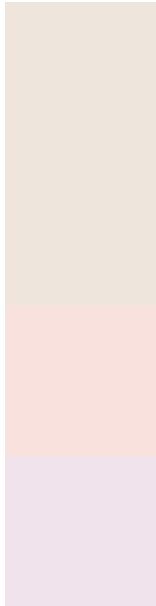
81.2149, 79.8990, 80.9536



Tritanopia

79.8011, 79.6251, 96.7512

Trichromacy



Original Color

76.6079, 79.9912, 79.8088

Protanomaly

76.6079, 79.9912, 79.8088

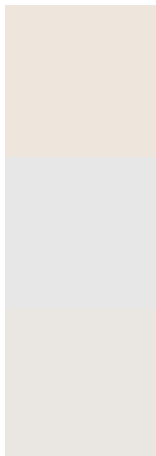
Deuteranomaly

79.4481, 79.8064, 80.3240

Tritanomaly

78.5446, 79.5196, 90.5659

Monochromacy



Original Color

76.6079, 79.9912, 79.8088

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.3727, 80.1903, 84.1260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.6079, 79.9912, 79.8088 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(238, 230, 221) looks like.

```
.text, #text, p{  
    color:rgb(238, 230, 221)  
}
```

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(238, 230, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 230, 221) }
```

Border

The CSS property to change the border of an element to XYZ 76.6079, 79.9912, 79.8088 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(238, 230, 221) }
```


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

```
.border{ border-color:rgb(238, 230, 221) }
```

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

Here you see how a box with a 4 pixel rgb(238, 230, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 230, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 230, 221);  
box-shadow:4px 4px 4px 4px rgb(238, 230,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 76.6079, 79.9912, 79.8088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 230, 221) }
```

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

```
.background{ background-color: rgb(238,  
230, 221) }
```

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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