

Converting Colors

XYZ(76.3933, 79.5591, 79.7378)

Have a look what the booklet for
XYZ(76.3933, 79.5591, 79.7378)
contains.

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Color

**XYZ(76.3304, 79.4362,
79.7163)**

Conversions

Conversions Part 1

Format	Color
Hex	EEE5DD
RGB	238, 229, 221
RGB Percent	93%, 90%, 87%
CMY	0.0667, 0.1019, 0.1333
CMYK	0.00, 0.04, 0.07, 0.07
HSL	28°, 33%, 90%
HSV	28°, 7%, 93%
XYZ	76.3304, 79.4362, 79.7163
YIQ	230.7790, 7.9320, -0.5800

Conversions

Conversions Part 2

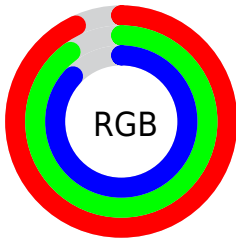
Format	Color
R _Y B	238, 236, 221
Decimal	15656413
CIE Lab	91.43, 1.69, 4.97
CIE LCh	91, 5.248, 71.238
Yxy	79.4362, 0.3241, 0.3373
Android (android.graphics.Color)	4293846493 (0xFFEEE5DD)
YUV	230.7790, -4.8210, 6.3328
Hunter-Lab	89.1270, -3.1007, 9.3592

Details

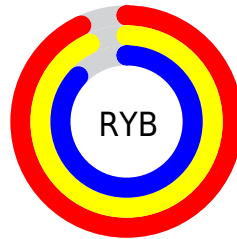
The XYZ color **76.3304, 79.4362, 79.7163** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.5482, 78.1378, 92.0957**, and the grayscale version is **75.8238, 79.7725, 86.8723**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3104, 42.9704, 42.1932** is the 20% darker color. If you saturate the color by 10%, you get **70.0229, 71.5406, 63.0626**, and if you desaturate by 10%, it is **83.3448, 88.0243, 98.8253**.

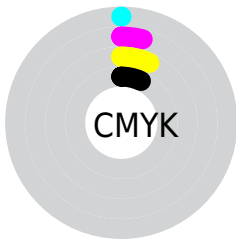
Distribution



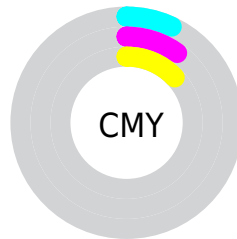
- Red (93%)
- Green (90%)
- Blue (87%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (7%)
- Black (7%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.3304, 79.4362, 79.7163 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 76.3304, 79.4362, 79.7163 by changing the saturation by 10% instead.


 76.3304, 79.4362,
79.7163

 76.3304, 79.4362,
79.7163

471.4050,
493.0308, 513.6578

 57.0015, 59.2545,
58.9601

127.1717,
132.5728, 134.7746

 41.2466, 42.8180,
42.1612


159.4148,
166.2964, 169.9138

 28.7003, 29.7424,
28.9010


196.6933,
205.3029, 210.6844

 18.9974, 19.6431,
18.7610

239.3727,
249.9765, 257.5050

 11.7724, 12.1359,
11.3227

287.8181,
300.7017, 310.7941

 6.6600, 6.8363,
6.1674

342.3951,

 3.2948, 3.3599,

357.8629, 370.9702

2.8767

403.4689,
421.8445, 438.4519

■ 1.3115, 1.3224,
1.0320

■ 0.1918, 0.1585,
0.0000

■ 76.3304, 79.4362,
79.7163

■ 76.3304, 79.4362,
79.7163

■ 70.0229, 71.5406,
63.0626

■ 83.3448, 88.0243,
98.8253

■ 64.3915, 64.3088,
48.7581

■ 88.8139, 96.4045,
108.5347

■ 59.4127, 57.7253,
36.6968

■ 89.0704, 96.9174,
108.6202

■ 55.0591, 51.7699,
26.7621

■ 51.3010, 46.4214,
18.8270

■ 48.1060, 41.6569,
12.7507

■ 45.4377, 37.4516,
8.3736

■ 43.2544, 33.7780,
5.5089

■ 41.5035, 30.6039,
3.9150

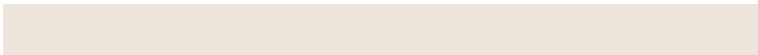
Harmonies

Analogous

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



77.4486, 79.4362, 81.7361



76.3304, 79.4362, 79.7163



75.0025, 79.4362, 79.4801

Triad

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



76.3304, 79.4362, 79.7163



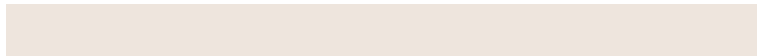
73.0117, 79.4362, 87.9333



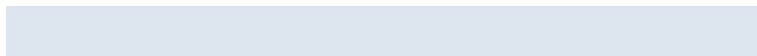
77.2066, 79.4362, 92.1396

Complementary

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



76.3304, 79.4362, 79.7163



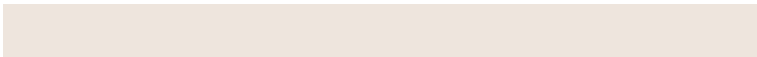
73.5482, 78.1378, 92.0957

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.



76.0031, 79.4362, 93.9058



76.3304, 79.4362, 79.7163



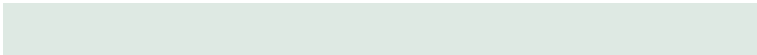
73.5877, 79.4362, 91.4299

Square

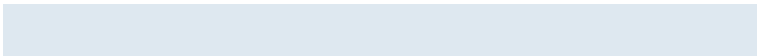
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.3304, 79.4362, 79.7163



73.0970, 79.4362, 84.1494



74.6791, 79.4362, 93.6423



77.9586, 79.4362, 88.8788

Rectangle

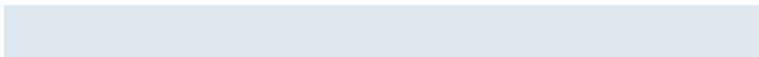
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.3304, 79.4362, 79.7163



74.1782, 79.4362, 80.3575



74.6791, 79.4362, 93.6423



76.8409, 79.4362, 92.9321

Sweetspot

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



76.3326, 79.4397, 79.7180



93.3847, 97.9660, 104.3477



75.4098, 75.6082, 85.5325



20.0057, 20.9902, 22.3824



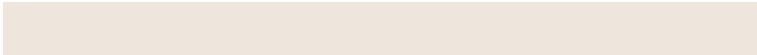
0.0000, 0.0000, 0.0000



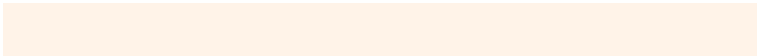
20.3446, 21.4041, 23.3091

Same Dimension

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



76.3326, 79.4397, 79.7180



87.8200, 91.1038, 89.3373



78.7220, 84.2184, 80.5145



16.3865, 16.9861, 16.5647



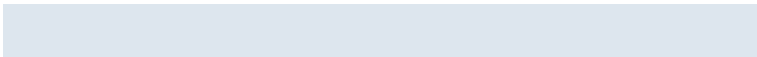
23.0348, 16.8677, 2.0417



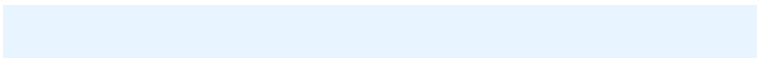
2.0151, 1.6009, 0.2028

Inverse Universe

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



73.5482, 78.1378, 92.0957



83.7542, 89.2027, 107.4113



71.2589, 73.5591, 91.3326



15.5897, 16.6135, 20.1067



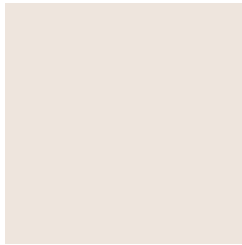
12.8990, 12.0222, 46.7685



1.1726, 1.1993, 3.9239

Previews

White Background



This preview shows how the XYZ color 76.3304, 79.4362, 79.7163 looks on a white background.

Color Contrast Check

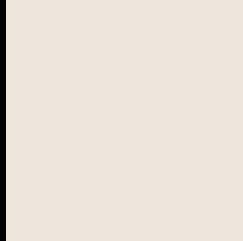
Large Text (above 18pt) WCAG AA × Fail

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 76.3304, 79.4362, 79.7163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

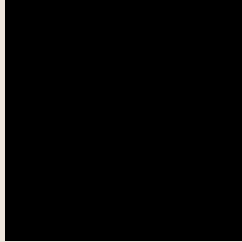
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

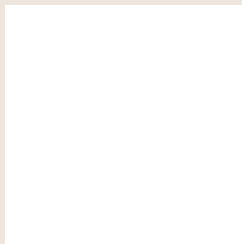
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.3304, 79.4362, 79.7163

Background



This preview shows how black text looks on a background with the XYZ color 76.3304, 79.4362, 79.7163.



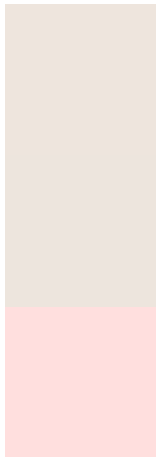
This preview shows how white text looks on a background with the XYZ color 76.3304, 79.4362,

79.7163.

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

76.3304, 79.4362, 79.7163

Protanopia

75.9955, 79.2636, 79.7006

Deuteranopia

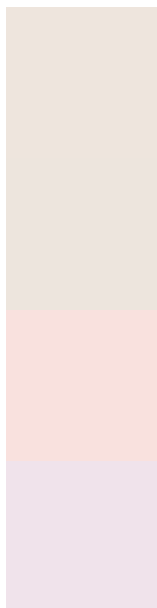
80.8125, 79.3093, 80.1562



Tritanopia

79.6496, 79.5645, 95.9535

Trichromacy



Original Color

76.3304, 79.4362, 79.7163

Protanomaly

75.9955, 79.2636, 79.7006

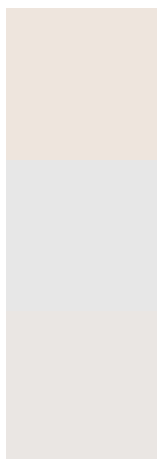
Deuteranomaly

79.1770, 79.2641, 80.2337

Tritanomaly

78.3997, 79.4616, 89.8028

Monochromacy



Original Color

76.3304, 79.4362, 79.7163

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.0936, 79.6321, 84.0330

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.3304, 79.4362, 79.7163 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, 229, 221) looks like.

```
.text, #text, p{  
    color:rgb(238, 229, 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, 229, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 229, 221) }
```

Border

The CSS property to change the border of an element to XYZ 76.3304, 79.4362, 79.7163 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, 229, 221) }
```


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

```
.border{ border-color:rgb(238, 229, 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, 229, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 229, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 229, 221);  
box-shadow:4px 4px 4px 4px rgb(238, 229,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 76.3304, 79.4362, 79.7163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 229, 221) }
```

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

```
.background{ background-color: rgb(238,  
229, 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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