

Converting Colors

XYZ(75.7092, 78.2745, 79.7229)

Have a look what the booklet for
XYZ(75.7092, 78.2745, 79.7229)
contains.

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Color

**XYZ(75.7801, 78.3358,
79.5329)**

Conversions

Conversions Part 1

Format	Color
Hex	EEE3DD
RGB	238, 227, 221
RGB Percent	93%, 89%, 87%
CMY	0.0667, 0.1098, 0.1333
CMYK	0.00, 0.05, 0.07, 0.07
HSL	21°, 33%, 90%
HSV	21°, 7%, 93%
XYZ	75.7801, 78.3358, 79.5329
YIQ	229.6050, 8.4820, 0.4660

Conversions

Conversions Part 2

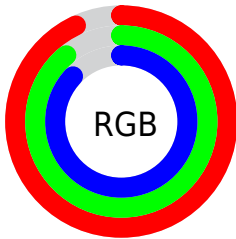
Format	Color
R _Y B	238, 230, 221
Decimal	15655901
CIE Lab	90.93, 2.72, 4.25
CIE LCh	91, 5.043, 57.403
Yxy	78.3358, 0.3243, 0.3353
Android (android.graphics.Color)	4293845981 (0xFFEEE3DD)
YUV	229.6050, -4.2423, 7.3624
Hunter-Lab	88.5075, -2.0565, 8.6772

Details

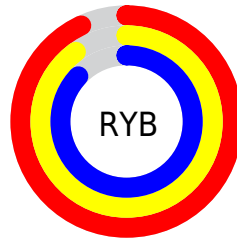
The XYZ color **75.7801, 78.3358, 79.5329** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.1078, 79.2570, 92.2819**, and the grayscale version is **74.9497, 78.8530, 85.8709**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9269, 42.2033, 42.0654** is the 20% darker color. If you saturate the color by 10%, you get **68.8080, 69.1110, 62.6577**, and if you desaturate by 10%, it is **83.5826, 88.5003, 98.9046**.

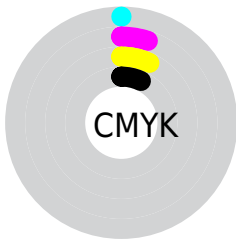
Distribution



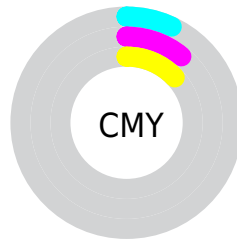
- Red (93%)
- Green (89%)
- Blue (87%)



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



- Cyan (0%)
- Magenta (5%)
- Yellow (7%)
- Black (7%)



- Cyan (7%)
- Magenta (11%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.7801, 78.3358, 79.5329 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 75.7801, 78.3358, 79.5329 by changing the saturation by 10% instead.

75.7801, 78.3358,
79.5329

75.7801, 78.3358,
79.5329

469.5506,
489.3065, 513.0225

56.5486, 58.3499,
58.8102

126.3980,
131.0234, 134.5143

40.8817, 42.0900,
42.0413

158.5152,
164.4938, 169.6100

28.4139, 29.1718,
28.8078

195.6583,
203.2279, 210.3337

18.7799, 19.2108,
18.6912

238.1928,
247.6100, 257.1041

11.6144, 11.8227,
11.2728

286.4838,
298.0245, 310.3396

6.5520, 6.6231,
6.1342

340.8969,

3.2274, 3.2275,

354.8558, 370.4588

2.8567

401.7974,
418.4884, 437.8803

■ 1.2751, 1.2516,
1.0219

■ 0.1645, 0.1033,
0.0000

■ 75.7801, 78.3358,
79.5329

■ 75.7801, 78.3358,
79.5329

■ 68.8080, 69.1110,
62.6577

■ 83.5826, 88.5003,
98.9046

■ 62.6311, 60.7883,
48.1714

■ 89.0702, 96.9173,
108.6202

■ 57.2213, 53.3428,
35.9664

■ 52.5462, 46.7443,
25.9245

■ 48.5707, 40.9609,
17.9170

■ 45.2568, 35.9586,
11.8010

■ 42.5620, 31.7003,
7.4151

■ 40.4380, 28.1455,
4.5702

■ 38.8252, 25.2475,
3.0222

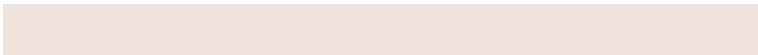
Harmonies

Analogous

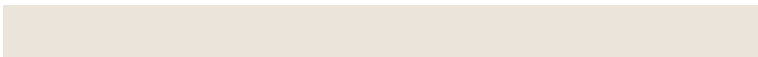
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.6465, 78.3358, 82.1136



75.7801, 78.3358, 79.5329



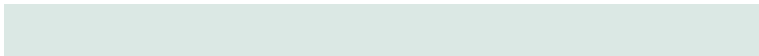
74.5666, 78.3358, 78.4921

Triad

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



75.7801, 78.3358, 79.5329



72.0412, 78.3358, 84.9777



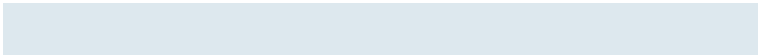
75.5862, 78.3358, 91.6598

Complementary

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



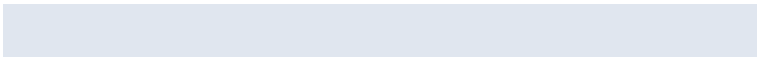
75.7801, 78.3358, 79.5329



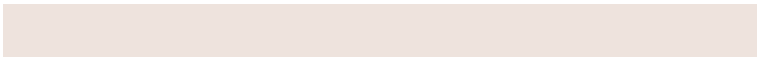
74.1078, 79.2570, 92.2819

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.



74.3452, 78.3358, 92.4787



75.7801, 78.3358, 79.5329



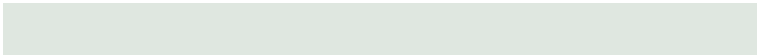
72.3073, 78.3358, 88.5563

Square

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



75.7801, 78.3358, 79.5329



72.4159, 78.3358, 81.5793



73.1471, 78.3358, 91.3276



76.5337, 78.3358, 89.1205

Rectangle

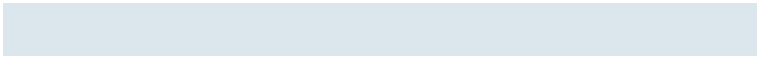
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.7801, 78.3358, 79.5329



73.7273, 78.3358, 78.7888



73.1471, 78.3358, 91.3276



75.1891, 78.3358, 92.1485

Sweetspot

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



75.7823, 78.3392, 79.5346



93.1963, 97.5892, 104.2849



75.6899, 75.7202, 87.0083



19.9673, 20.9134, 22.3696



0.0000, 0.0000, 0.0000



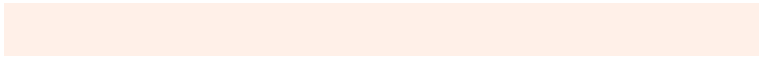
20.3446, 21.4041, 23.3091

Same Dimension

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



75.7823, 78.3392, 79.5346



87.0186, 89.5011, 89.0702



78.1493, 83.0732, 80.3236



16.2295, 16.6722, 16.5124



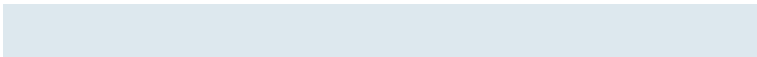
21.5530, 13.9041, 1.5478



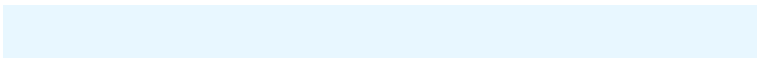
1.8834, 1.3374, 0.1589

Inverse Universe

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



74.1078, 79.2570, 92.2819



84.5733, 90.8409, 107.6843



71.7873, 74.6161, 91.5085



15.7503, 16.9348, 20.1602



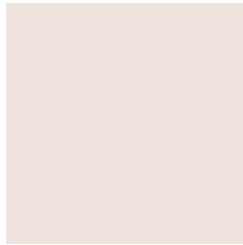
15.1772, 16.5787, 47.5280



1.3558, 1.5656, 3.9849

Previews

White Background



This preview shows how the XYZ color 75.7801, 78.3358, 79.5329 looks on a white background.

Color Contrast Check

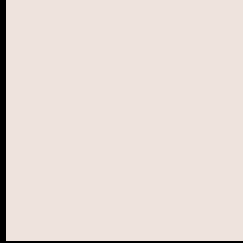
Large Text (above 18pt) WCAG AA × Fail

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 75.7801, 78.3358, 79.5329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

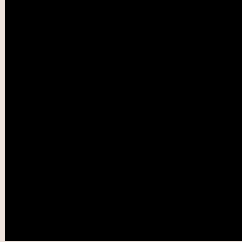
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

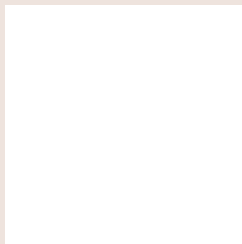
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.7801, 78.3358, 79.5329

Background



This preview shows how black text looks on a background with the XYZ color 75.7801, 78.3358, 79.5329.

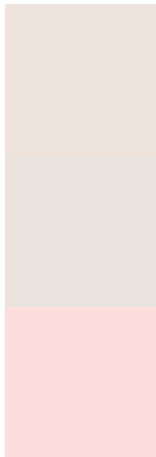


This preview shows how white text looks on a background with the XYZ color 75.7801, 78.3358,

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

75.7801, 78.3358, 79.5329

Protanopia

75.1892, 78.4229, 80.2815

Deuteranopia

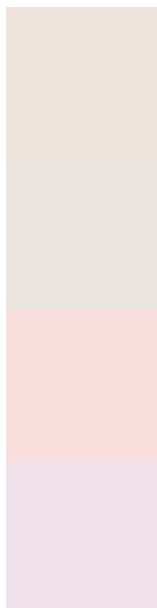
79.9143, 78.0577, 79.9619



Tritanopia

78.8085, 78.3630, 94.1910

Trichromacy



Original Color

75.7801, 78.3358, 79.5329

Protanomaly

75.5203, 78.5936, 80.2970

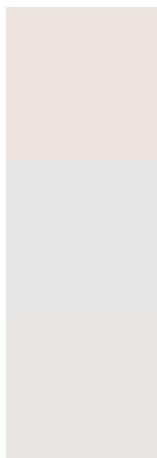
Deuteranomaly

78.2839, 78.0057, 80.0378

Tritanomaly

77.7117, 78.3162, 88.8626

Monochromacy



Original Color

75.7801, 78.3358, 79.5329

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.4887, 78.9083, 83.9252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7801, 78.3358, 79.5329 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, 227, 221) looks like.

```
.text, #text, p{  
    color:rgb(238, 227, 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, 227, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 227, 221) }
```

Border

The CSS property to change the border of an element to XYZ 75.7801, 78.3358, 79.5329 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, 227, 221) }
```


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

```
.border{ border-color:rgb(238, 227, 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, 227, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 227, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 227, 221);  
box-shadow:4px 4px 4px 4px rgb(238, 227,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7801, 78.3358, 79.5329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 227, 221) }
```

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

```
.background{ background-color: rgb(238,  
227, 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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