

Converting Colors

XYZ(75.6123, 78.2561, 79.0367)

Have a look what the booklet for
XYZ(75.6123, 78.2561, 79.0367)
contains.

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Color

**XYZ(75.6472, 78.2826,
78.8332)**

Conversions

Conversions Part 1

Format	Color
Hex	EEE3DC
RGB	238, 227, 220
RGB Percent	93%, 89%, 86%
CMY	0.0667, 0.1098, 0.1372
CMYK	0.00, 0.05, 0.08, 0.07
HSL	23°, 35%, 90%
HSV	23°, 8%, 93%
XYZ	75.6472, 78.2826, 78.8332
YIQ	229.4910, 8.8030, 0.1550

Conversions

Conversions Part 2

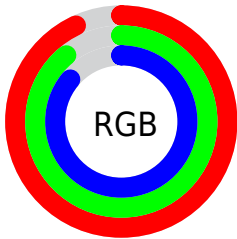
Format	Color
R _Y B	238, 231, 220
Decimal	15655900
CIE Lab	90.91, 2.55, 4.74
CIE LCh	91, 5.379, 61.705
Yxy	78.2826, 0.3250, 0.3363
Android (android.graphics.Color)	4293845980 (0xFFEEE3DC)
YUV	229.4910, -4.6791, 7.4624
Hunter-Lab	88.4775, -2.2201, 9.1070

Details

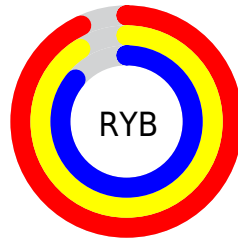
The XYZ color **75.6472, 78.2826, 78.8332** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.5235, 78.5391, 92.1741**, and the grayscale version is **74.8685, 78.7675, 85.7778**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8355, 42.1667, 41.5840** is the 20% darker color. If you saturate the color by 10%, you get **68.9074, 69.4928, 62.1266**, and if you desaturate by 10%, it is **83.1760, 87.9304, 98.0187**.

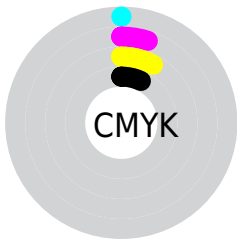
Distribution



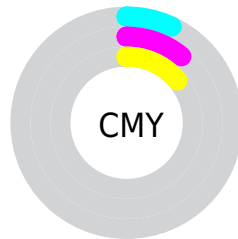
- Red (93%)
- Green (89%)
- Blue (86%)



- Red (93%)
- Yellow (91%)
- Blue (86%)



- Cyan (0%)
- Magenta (5%)
- Yellow (8%)
- Black (7%)



- Cyan (7%)
- Magenta (11%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.6472, 78.2826, 78.8332 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 75.6472, 78.2826, 78.8332 by changing the saturation by 10% instead.

75.6472, 78.2826,
78.8332

75.6472, 78.2826,
78.8332

469.1021,
489.1260, 510.5946

56.4393, 58.3062,
58.2382

126.2111,
130.9484, 133.5205

40.7936, 42.0548,
41.5842

158.2978,
164.4066, 168.4500

28.3448, 29.1442,
28.4527

195.4082,
203.1275, 208.9946

18.7275, 19.1900,
18.4252

237.9075,
247.4954, 255.5729

11.5764, 11.8076,
11.0831

286.1612,
297.8949, 308.6035

6.5261, 6.6128,
6.0079

340.5347,

3.2112, 3.2212,

354.7102, 368.5050

2.7810

401.3932,
418.3258, 435.6958

■ 1.2664, 1.2483,
0.9839

■ 0.1579, 0.1006,
0.0000

■ 75.6472, 78.2826,
78.8332

■ 75.6472, 78.2826,
78.8332

■ 68.9074, 69.4928,
62.1266

■ 83.1760, 87.9304,
98.0187

■ 62.9229, 61.5267,
47.7916

■ 89.0702, 96.9173,
108.6202

■ 57.6672, 54.3624,
35.7208

■ 53.1094, 47.9733,
25.7961

■ 49.2164, 42.3312,
17.8890

■ 45.9518, 37.4059,
11.8566

■ 43.2754, 33.1647,
7.5373

■ 41.1408, 29.5715,
4.7413

■ 39.4892, 26.5844,
3.2166

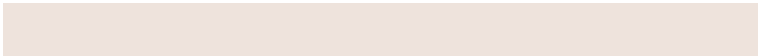
Harmonies

Analogous

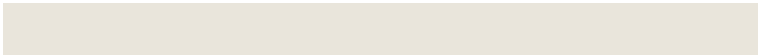
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.6441, 78.2826, 81.3745



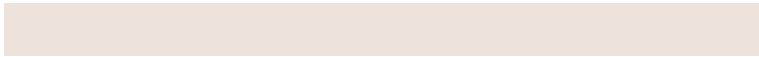
75.6472, 78.2826, 78.8332



74.3278, 78.2826, 77.9930

Triad

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



75.6472, 78.2826, 78.8332



71.8311, 78.2826, 85.4586



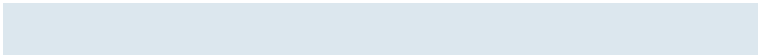
75.7830, 78.2826, 91.7440

Complementary

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



75.6472, 78.2826, 78.8332



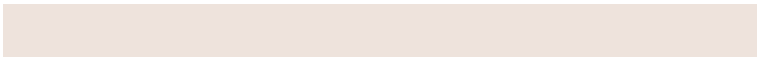
73.5235, 78.5391, 92.1741

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.



74.4828, 78.2826, 92.9151



75.6472, 78.2826, 78.8332



72.2104, 78.2826, 89.2186

Square

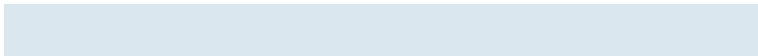
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.6472, 78.2826, 78.8332



72.1345, 78.2826, 81.7479



73.1770, 78.2826, 91.9774



76.7232, 78.2826, 88.8228

Rectangle

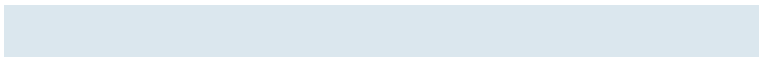
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.6472, 78.2826, 78.8332



73.4458, 78.2826, 78.4895



73.1770, 78.2826, 91.9774



75.3730, 78.2826, 92.3593

Sweetspot

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



75.6494, 78.2860, 78.8349



93.2538, 97.7042, 104.3041



75.2920, 75.1398, 86.2114



19.9790, 20.9369, 22.3735



0.0000, 0.0000, 0.0000



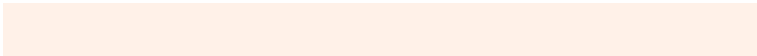
20.3446, 21.4041, 23.3091

Same Dimension

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



75.6494, 78.2860, 78.8349



87.2621, 89.9881, 89.1514



78.1457, 83.2787, 79.6670



16.2772, 16.7676, 16.5283



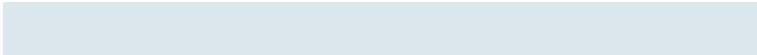
21.9531, 14.7042, 1.6811



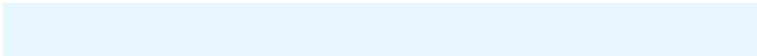
1.9202, 1.4110, 0.1711

Inverse Universe

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



73.5235, 78.5391, 92.1741



84.3219, 90.3380, 107.6005



71.0967, 73.6856, 91.3652



15.7010, 16.8361, 20.1438



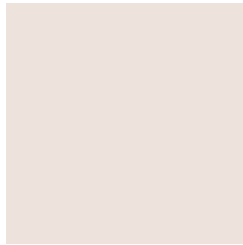
14.4212, 15.0667, 47.2760



1.2960, 1.4460, 3.9650

Previews

White Background



This preview shows how the XYZ color 75.6472, 78.2826, 78.8332 looks on a white background.

Color Contrast Check

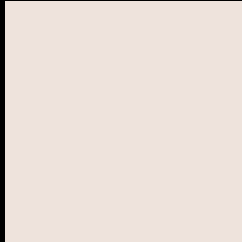
Large Text (above 18pt) WCAG AA × Fail

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 75.6472, 78.2826, 78.8332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

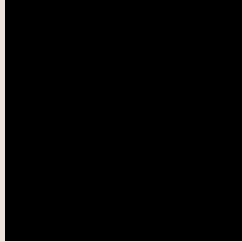
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

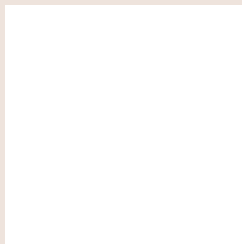
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.6472, 78.2826, 78.8332

Background



This preview shows how black text looks on a background with the XYZ color 75.6472, 78.2826, 78.8332.



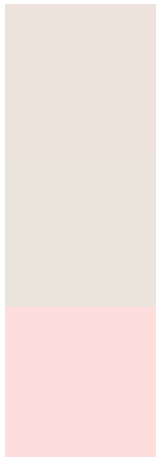
This preview shows how white text looks on a background with the XYZ color 75.6472, 78.2826,

78.8332.

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

75.6472, 78.2826, 78.8332

Protanopia

75.0555, 78.3694, 79.5776

Deuteranopia

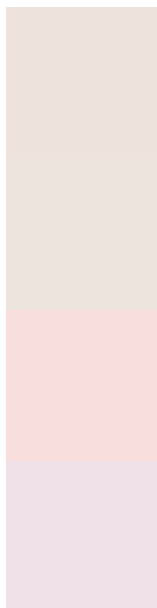
79.7806, 78.0042, 79.2580



Tritanopia

78.8085, 78.3630, 94.1910

Trichromacy



Original Color

75.6472, 78.2826, 78.8332

Protanomaly

75.3866, 78.5401, 79.5931

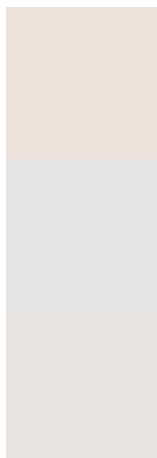
Deuteranomaly

78.1502, 77.9523, 79.3339

Tritanomaly

77.5684, 78.2589, 88.1080

Monochromacy



Original Color

75.6472, 78.2826, 78.8332

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.7496, 78.1336, 83.0931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6472, 78.2826, 78.8332 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, 220) looks like.

```
.text, #text, p{  
    color:rgb(238, 227, 220)  
}
```

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, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 227, 220) }
```

Border

The CSS property to change the border of an element to XYZ 75.6472, 78.2826, 78.8332 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, 220) }
```


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

```
.border{ border-color:rgb(238, 227, 220) }
```

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, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 227, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 227, 220);  
box-shadow:4px 4px 4px 4px rgb(238, 227,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6472, 78.2826, 78.8332 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, 220) }
```

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

```
.background{ background-color: rgb(238,  
227, 220) }
```

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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