

Converting Colors

XYZ(75.8929, 78.2740, 78.8186)

Have a look what the booklet for
XYZ(75.8929, 78.2740, 78.8186)
contains.

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Color

**XYZ(75.9840, 78.4562,
78.8489)**

Conversions

Conversions Part 1

Format	Color
Hex	EFE3DC
RGB	239, 227, 220
RGB Percent	94%, 89%, 86%
CMY	0.0627, 0.1098, 0.1372
CMYK	0.00, 0.05, 0.08, 0.06
HSL	22°, 37%, 90%
HSV	22°, 8%, 94%
XYZ	75.9840, 78.4562, 78.8489
YIQ	229.7900, 9.3990, 0.3670

Conversions

Conversions Part 2

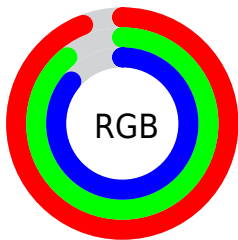
Format	Color
R _Y B	239, 231, 220
Decimal	15721436
CIE Lab	90.99, 2.90, 4.86
CIE LCh	91, 5.658, 59.213
Yxy	78.4562, 0.3257, 0.3363
Android (android.graphics.Color)	4293911516 (0xFFEFE3DC)
YUV	229.7900, -4.8265, 8.0772
Hunter-Lab	88.5755, -1.8819, 9.2236

Details

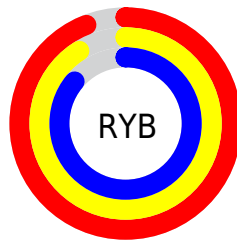
The XYZ color **75.9840, 78.4562, 78.8489** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.9517, 79.1596, 93.0441**, and the grayscale version is **75.0901, 79.0006, 86.0317**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0725, 42.2889, 41.5951** is the 20% darker color. If you saturate the color by 10%, you get **69.0949, 69.3862, 62.0363**, and if you desaturate by 10%, it is **83.6918, 88.4376, 98.1689**.

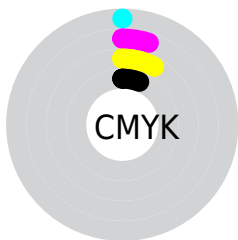
Distribution



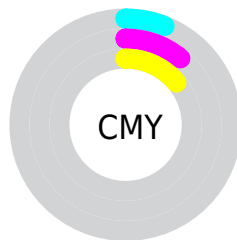
- Red (94%)
- Green (89%)
- Blue (86%)



- Red (94%)
- Yellow (91%)
- Blue (86%)



- Cyan (0%)
- Magenta (5%)
- Yellow (8%)
- Black (6%)



- Cyan (6%)
- Magenta (11%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.9840, 78.4562, 78.8489 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 75.9840, 78.4562, 78.8489 by changing the saturation by 10% instead.

75.9840, 78.4562,
78.8489

75.9840, 78.4562,
78.8489

470.2382,
489.7148, 510.6491

56.7164, 58.4488,
58.2510

126.6848,
131.1930, 133.5429

41.0168, 42.1696,
41.5944

158.8486,
164.6912, 168.4760

28.5200, 29.2341,
28.4607

196.0420,
203.4552, 209.0246

18.8604, 19.2580,
18.4311

238.6301,
247.8693, 255.6073

11.6729, 11.8568,
11.0873

286.9785,
298.3179, 308.6425

6.5920, 6.6463,
6.0107

341.4524,

3.2523, 3.2419,

355.1854, 368.5489

2.7827

402.4171,
418.8562, 435.7449

■ 1.2885, 1.2593,
0.9848

■ 0.1746, 0.1093,
0.0000

■ 75.9840, 78.4562,
78.8489

■ 75.9840, 78.4562,
78.8489

■ 69.0949, 69.3862,
62.0363

■ 83.6918, 88.4376,
98.1689

■ 62.9897, 61.1910,
47.6223

■ 89.4071, 97.0910,
108.6359

■ 57.6404, 53.8469,
35.4977

■ 53.0148, 47.3248,
25.5425

■ 49.0782, 41.5940,
17.6258

■ 45.7928, 36.6217,
11.6027

■ 43.1163, 32.3722,
7.3082

■ 41.0003, 28.8065,
4.5488

■ 39.3821, 25.8781,
3.0600

Harmonies

Analogous

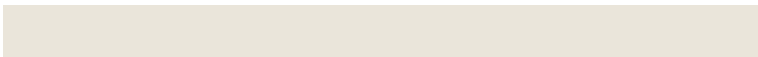
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.9917, 78.4562, 81.6461



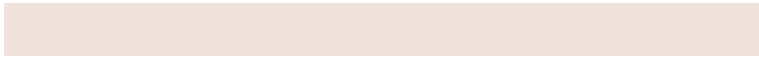
75.9840, 78.4562, 78.8489



74.6080, 78.4562, 77.8041

Triad

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



75.9840, 78.4562, 78.8489



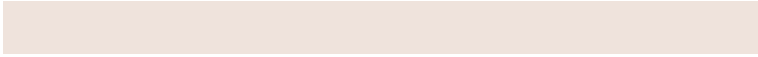
71.8593, 78.4562, 85.3175



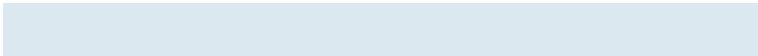
75.9179, 78.4562, 92.4717

Complementary

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



75.9840, 78.4562, 78.8489



73.9517, 79.1596, 93.0441

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.



74.5326, 78.4562, 93.5290



75.9840, 78.4562, 78.8489



72.2002, 78.4562, 89.3196

Square

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



75.9840, 78.4562, 78.8489



72.2371, 78.4562, 81.4648



73.1742, 78.4562, 92.3579



76.9531, 78.4562, 89.5125

Rectangle

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



75.9840, 78.4562, 78.8489



73.6707, 78.4562, 78.2155



73.1742, 78.4562, 92.3579



75.4771, 78.4562, 93.0654

Sweetspot

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



75.9862, 78.4596, 78.8506



93.2210, 97.6386, 104.2932



75.7611, 75.3664, 86.9240



19.9723, 20.9235, 22.3713



0.0000, 0.0000, 0.0000



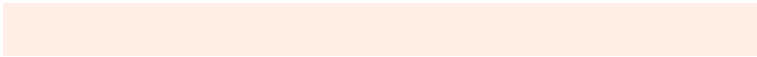
20.3446, 21.4041, 23.3091

Same Dimension

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



75.9862, 78.4596, 78.8506



86.2901, 88.6198, 87.0527



78.6459, 83.7791, 79.7372



16.2500, 16.7131, 16.5192



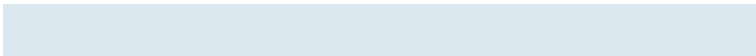
21.7194, 14.2370, 1.6033



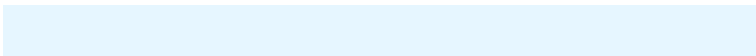
1.8988, 1.3683, 0.1640

Inverse Universe

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



73.9517, 79.1596, 93.0441



83.3570, 89.6286, 107.5144



71.3595, 73.9751, 92.1800



15.7291, 16.8923, 20.1531



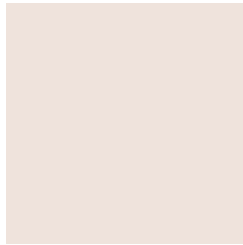
14.8457, 15.9157, 47.4175



1.3297, 1.5134, 3.9762

Previews

White Background



This preview shows how the XYZ color 75.9840, 78.4562, 78.8489 looks on a white background.

Color Contrast Check

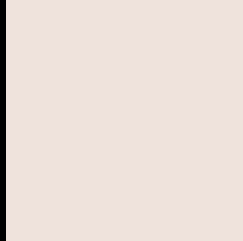
Large Text (above 18pt) WCAG AA × Fail

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 75.9840, 78.4562, 78.8489 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

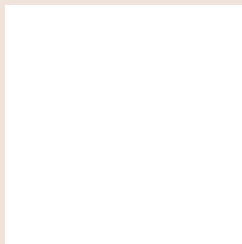
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.9840, 78.4562, 78.8489

Background



This preview shows how black text looks on a background with the XYZ color 75.9840, 78.4562, 78.8489.



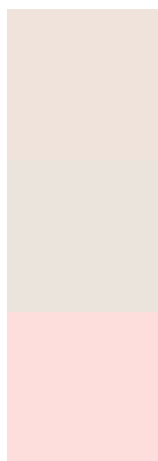
This preview shows how white text looks on a background with the XYZ color 75.9840, 78.4562,

78.8489.

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

75.9840, 78.4562, 78.8489

Protanopia

75.0555, 78.3694, 79.5776

Deuteranopia

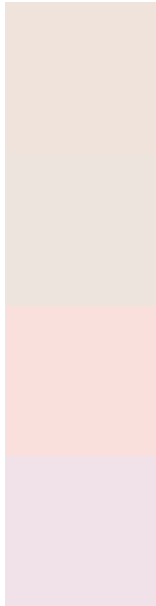
80.0455, 78.5338, 79.3463



Tritanopia

79.1508, 78.5394, 94.2070

Trichromacy



Original Color

75.9840, 78.4562, 78.8489

Protanomaly

75.3866, 78.5401, 79.5931

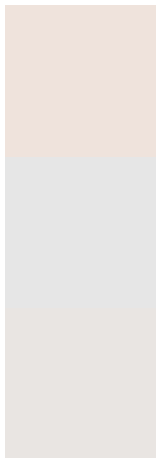
Deuteranomaly

78.7737, 78.6715, 79.4399

Tritanomaly

77.9088, 78.4344, 88.1239

Monochromacy



Original Color

75.9840, 78.4562, 78.8489

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.3511, 78.8532, 83.2003

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9840, 78.4562, 78.8489 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(239, 227, 220) looks like.

```
.text, #text, p{  
    color:rgb(239, 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(239, 227, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 227, 220) }
```

Border

The CSS property to change the border of an element to XYZ 75.9840, 78.4562, 78.8489 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(239, 227, 220) }
```


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

```
.border{ border-color:rgb(239, 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(239, 227, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 227, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 227, 220);  
box-shadow:4px 4px 4px 4px rgb(239, 227,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9840, 78.4562, 78.8489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 227, 220) }
```

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

```
.background{ background-color: rgb(239,  
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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