

Converting Colors

XYZ(76.0912, 78.4833, 75.8849)

Have a look what the booklet for
XYZ(76.0912, 78.4833, 75.8849)
contains.

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Color

**XYZ(76.1394, 78.5968,
76.1235)**

Conversions

Conversions Part 1

Format	Color
Hex	F1E3D8
RGB	241, 227, 216
RGB Percent	95%, 89%, 85%
CMY	0.0549, 0.1098, 0.1529
CMYK	0.00, 0.06, 0.10, 0.05
HSL	26°, 47%, 90%
HSV	26°, 10%, 95%
XYZ	76.1394, 78.5968, 76.1235
YIQ	229.9320, 11.8750, -0.4530

Conversions

Conversions Part 2

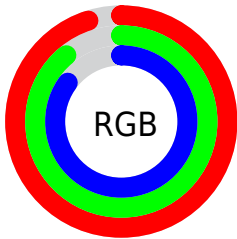
Format	Color
R _Y B	241, 236, 216
Decimal	15852504
CIE Lab	91.05, 2.94, 7.06
CIE LCh	91, 7.650, 67.426
Yxy	78.5968, 0.3298, 0.3405
Android (android.graphics.Color)	4294042584 (0xFFFF1E3D8)
YUV	229.9320, -6.8685, 9.7066
Hunter-Lab	88.6548, -1.8449, 11.1490

Details

The XYZ color **76.1394, 78.5968, 76.1235** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **72.4927, 77.5421, 94.3663**, and the grayscale version is **75.2084, 79.1251, 86.1672**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1931, 42.3925, 39.7297** is the 20% darker color. If you saturate the color by 10%, you get **69.7033, 70.3498, 59.7171**, and if you desaturate by 10%, it is **83.3261, 87.6119, 95.0364**.

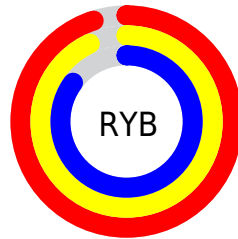
Distribution



Red (95%)

Green (89%)

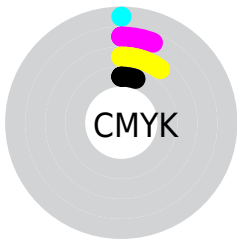
Blue (85%)



Red (95%)

Yellow (93%)

Blue (85%)

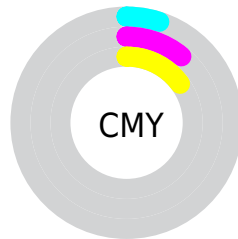


Cyan (0%)

Magenta (6%)

Yellow (10%)

Black (5%)



Cyan (5%)

Magenta (11%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.1394, 78.5968, 76.1235 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 76.1394, 78.5968, 76.1235 by changing the saturation by 10% instead.

76.1394, 78.5968,
76.1235

76.1394, 78.5968,
76.1235

470.7618,
490.1913, 501.1284

56.8443, 58.5644,
56.0265

126.9032,
131.3911, 129.6632

41.1199, 42.2625,
39.8200

159.1027,
164.9217, 163.9429

28.6009, 29.3069,
27.0855

196.3343,
203.7205, 203.7873

18.9218, 19.3131,
17.4045

238.9633,
248.1719, 249.6150

11.7175, 11.8967,
10.3583

287.3553,
298.6603, 301.8444

6.6224, 6.6734,
5.5285

341.8754,

3.2713, 3.2587,

355.5701, 360.8940

2.4964

402.8892,
419.2856, 427.1826

■ 1.2988, 1.2682,
0.8383

■ 0.1823, 0.1164,
0.0000

■ 76.1394, 78.5968,
76.1235

■ 76.1394, 78.5968,
76.1235

■ 69.7033, 70.3498,
59.7171

■ 83.3261, 87.6119,
95.0364

■ 63.9848, 62.8395,
45.7058

■ 89.7645, 96.7980,
108.5605

■ 58.9580, 56.0471,
33.9768

■ 90.0860, 97.4410,
108.6677

■ 54.5929, 49.9492,
24.4065

■ 50.8567, 44.5209,
16.8593

■ 47.7135, 39.7356,
11.1839

■ 45.1230, 35.5642,
7.2076

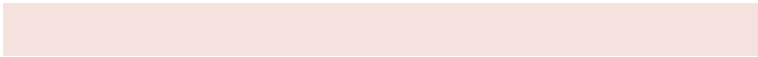
■ 43.0379, 31.9741,
4.7245

■ 41.4385, 29.0260,
3.4185

Harmonies

Analogous

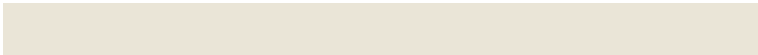
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.6938, 78.5968, 79.2728



76.1394, 78.5968, 76.1235



74.2247, 78.5968, 75.4539

Triad

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



76.1394, 78.5968, 76.1235



71.0795, 78.5968, 86.9613



76.9849, 78.5968, 94.3108

Complementary

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



76.1394, 78.5968, 76.1235



72.4927, 77.5421, 94.3663

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.



75.1852, 78.5968, 96.5706



76.1394, 78.5968, 76.1235



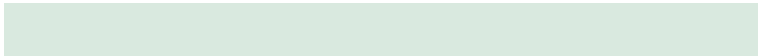
71.7917, 78.5968, 92.2102

Square

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



76.1394, 78.5968, 76.1235



71.3251, 78.5968, 81.5581



73.2866, 78.5968, 95.7858



78.1878, 78.5968, 89.7290

Rectangle

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



76.1394, 78.5968, 76.1235



73.0055, 78.5968, 76.4762



73.2866, 78.5968, 95.7858



76.4285, 78.5968, 95.3760

Sweetspot

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



76.1416, 78.6003, 76.1252



92.4915, 96.8149, 102.0915



75.1389, 73.5362, 85.2204



19.6535, 20.5431, 21.4719



0.0000, 0.0000, 0.0000



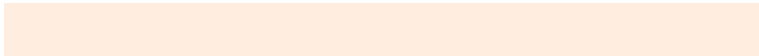
20.3446, 21.4041, 23.3091

Same Dimension

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



76.1416, 78.6003, 76.1252



85.2854, 87.7365, 83.2456



79.6354, 85.5880, 77.2898



16.3453, 16.9038, 16.5510



22.6002, 15.9985, 1.8969



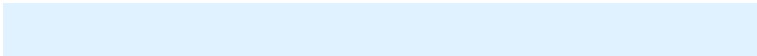
1.9776, 1.5259, 0.1903

Inverse Universe

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



72.4927, 77.5421, 94.3663



80.5272, 86.3565, 107.0320



69.1822, 70.9211, 93.2628



15.6313, 16.6968, 20.1205



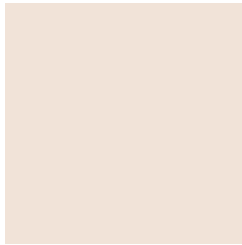
13.4387, 13.1016, 46.9484



1.2169, 1.2878, 3.9387

Previews

White Background



This preview shows how the XYZ color 76.1394, 78.5968, 76.1235 looks on a white background.

Color Contrast Check

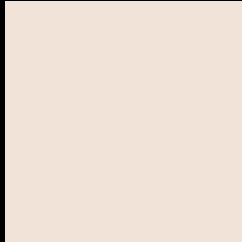
Large Text (above 18pt) WCAG AA × Fail

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 76.1394, 78.5968, 76.1235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

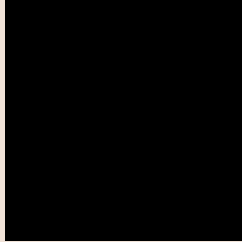
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

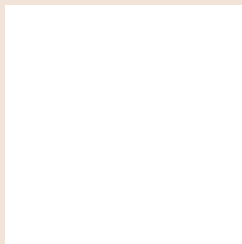
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.1394, 78.5968, 76.1235

Background



This preview shows how black text looks on a background with the XYZ color 76.1394, 78.5968, 76.1235.

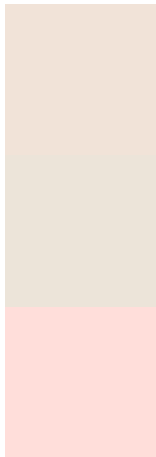


This preview shows how white text looks on a background with the XYZ color 76.1394, 78.5968,

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

76.1394, 78.5968, 76.1235

Protanopia

74.8599, 78.3294, 76.8192

Deuteranopia

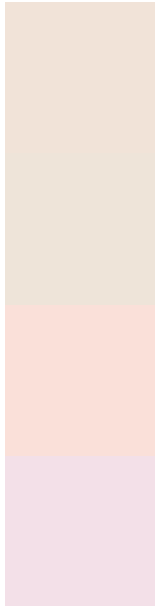
80.0162, 78.5645, 77.2768



Tritanopia

79.5731, 78.3593, 94.1500

Trichromacy



Original Color

76.1394, 78.5968, 76.1235

Protanomaly

75.5277, 78.6737, 76.8504

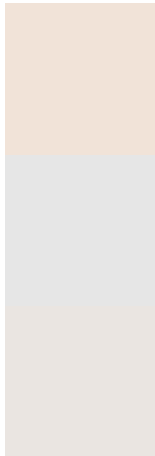
Deuteranomaly

78.6044, 78.6451, 76.6828

Tritanomaly

78.1833, 78.1922, 87.3158

Monochromacy



Original Color

76.1394, 78.5968, 76.1235

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.5416, 78.9673, 82.4949

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.1394, 78.5968, 76.1235 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(241, 227, 216) looks like.

```
.text, #text, p{  
    color:rgb(241, 227, 216)  
}
```

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(241, 227, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 227, 216) }
```

Border

The CSS property to change the border of an element to XYZ 76.1394, 78.5968, 76.1235 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(241, 227, 216) }
```


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

```
.border{ border-color:rgb(241, 227, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 227, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 227, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 227, 216);  
box-shadow:4px 4px 4px 4px rgb(241, 227,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 76.1394, 78.5968, 76.1235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 227, 216) }
```

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

```
.background{ background-color: rgb(241,  
227, 216) }
```

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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