

Converting Colors

XYZ(74.2435, 77.1694, 78.0000)

Have a look what the booklet for
XYZ(74.2435, 77.1694, 78.0000)
contains.

XYZ(74.2435, 77.1694, 78.0000)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.2435, 77.1694,
78.0000)**

Conversions

Conversions Part 1

Format	Color
Hex	EBE2DB
RGB	235, 226, 219
RGB Percent	92%, 89%, 86%
CMY	0.0784, 0.1137, 0.1412
CMYK	0.00, 0.04, 0.07, 0.08
HSL	26°, 29%, 89%
HSV	26°, 7%, 92%
XYZ	74.2435, 77.1694, 78.0000
YIQ	227.8930, 7.6110, -0.2690

Conversions

Conversions Part 2

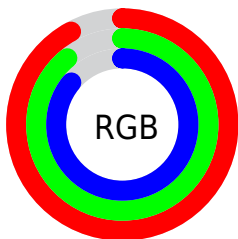
Format	Color
R _Y B	235, 231, 219
Decimal	15459035
CIE Lab	90.40, 1.86, 4.49
CIE LCh	90, 4.863, 67.508
Yxy	77.1694, 0.3236, 0.3364
Android (android.graphics.Color)	4293649115 (0xFFEBE2DB)
YUV	227.8930, -4.3842, 6.2328
Hunter-Lab	87.8461, -2.8707, 8.8477

Details

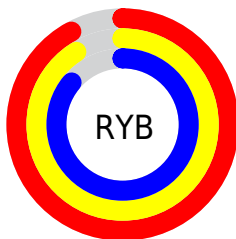
The XYZ color **74.2435, 77.1694, 78.0000** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.9521, 76.5437, 89.5802**, and the grayscale version is **73.6936, 77.5314, 84.4317**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8542, 41.3899, 41.0105** is the 20% darker color. If you saturate the color by 10%, you get **67.9108, 69.1098, 61.6878**, and if you desaturate by 10%, it is **81.2943, 85.9642, 96.7082**.

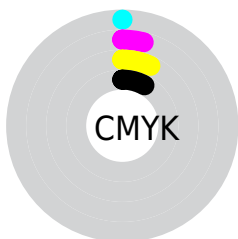
Distribution



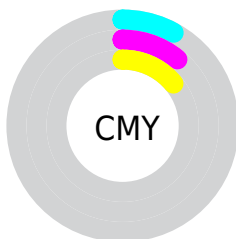
- Red (92%)
- Green (89%)
- Blue (86%)



- Red (92%)
- Yellow (91%)
- Blue (86%)



- Cyan (0%)
- Magenta (4%)
- Yellow (7%)
- Black (8%)



- Cyan (8%)
- Magenta (11%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.2435, 77.1694, 78.0000 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 74.2435, 77.1694, 78.0000 by changing the saturation by 10% instead.

74.2435, 77.1694,
78.0000

74.2435, 77.1694,
78.0000

464.3507,
485.3414, 507.6947

55.2853, 57.3919,
57.5575

124.2346,
129.3786, 132.3360

39.8650, 41.3200,
41.0407

155.9982,
162.5791, 167.0666

27.6170, 28.5692,
28.0309

192.7610,
201.0227, 207.3970

18.1761, 18.7552,
18.1097

234.8884,
245.0938, 253.7457

11.1770, 11.4935,
10.8585

282.7457,
295.1769, 306.5313

6.2542, 6.3998,
5.8588

336.6983,

3.0424, 3.0897,

351.6562, 366.1723

2.6920

397.1115,
414.9163, 433.0873

■ 1.1762, 1.1787,
0.9394

■ 0.0875, 0.0442,
0.0000

■ 74.2435, 77.1694,
78.0000

■ 74.2435, 77.1694,
78.0000

■ 67.9108, 69.1098,
61.6878

■ 81.2943, 85.9642,
96.7082

■ 62.2652, 61.7556,
47.6688

■ 87.2571, 94.7740,
108.3020

■ 57.2830, 55.0896,
35.8397

■ 88.0713, 96.4024,
108.5734

■ 52.9366, 49.0900,
26.0877

■ 49.1959, 43.7338,
18.2896

■ 46.0284, 38.9963,
12.3090

■ 43.3977, 34.8508,
7.9916

■ 41.2620, 31.2680,
5.1570

■ 39.5699, 28.2137,
3.5756

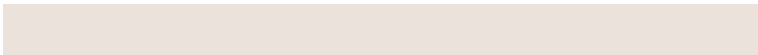
Harmonies

Analogous

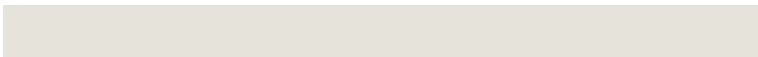
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.2138, 77.1694, 80.0208



74.2435, 77.1694, 78.0000



73.0427, 77.1694, 77.5715

Triad

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



74.2435, 77.1694, 78.0000



71.0580, 77.1694, 84.9005



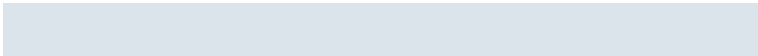
74.7771, 77.1694, 89.4378

Complementary

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



74.2435, 77.1694, 78.0000



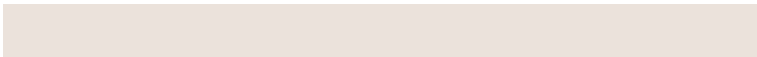
71.9521, 76.5437, 89.5802

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.



73.6525, 77.1694, 90.8255



74.2435, 77.1694, 78.0000



71.5117, 77.1694, 88.1593

Square

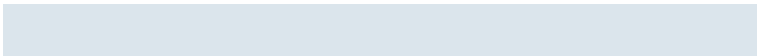
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.2435, 77.1694, 78.0000



71.2123, 77.1694, 81.4936



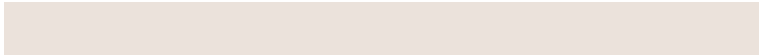
72.4581, 77.1694, 90.3512



75.5243, 77.1694, 86.6069

Rectangle

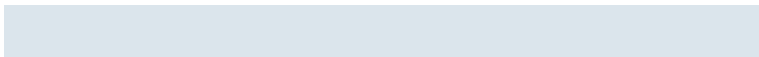
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.2435, 77.1694, 78.0000



72.2747, 77.1694, 78.2354



72.4581, 77.1694, 90.3512



74.4302, 77.1694, 90.0921

Sweetspot

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



74.2456, 77.1728, 78.0017



93.3317, 97.8600, 104.3300



73.6063, 73.9315, 83.8390



19.9949, 20.9686, 22.3788



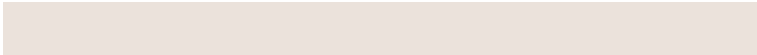
0.0000, 0.0000, 0.0000



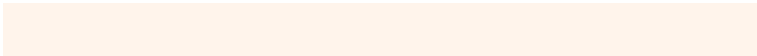
20.3446, 21.4041, 23.3091

Same Dimension

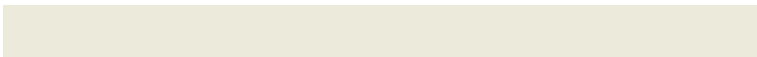
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.2456, 77.1728, 78.0017



88.3872, 91.6542, 91.3271



76.4519, 81.5853, 78.7371



15.6080, 16.1390, 15.8112



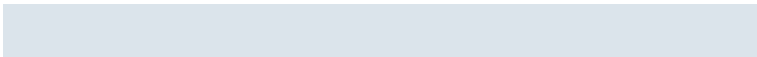
21.8824, 15.4591, 1.8306



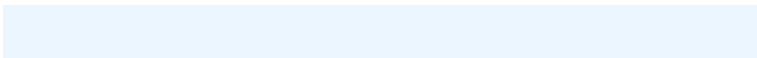
1.8125, 1.4024, 0.1752

Inverse Universe

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



71.9521, 76.5437, 89.5802



85.1559, 90.7680, 107.6395



69.8206, 72.2808, 88.8698



14.9338, 15.9541, 19.2146



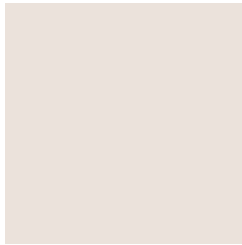
13.0765, 12.8001, 45.5244



1.1223, 1.1961, 3.6066

Previews

White Background



This preview shows how the XYZ color 74.2435, 77.1694, 78.0000 looks on a white background.

Color Contrast Check

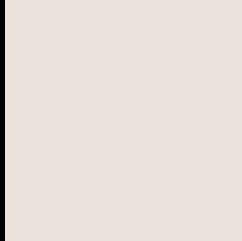
Large Text (above 18pt) WCAG AA × Fail

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 74.2435, 77.1694, 78.0000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

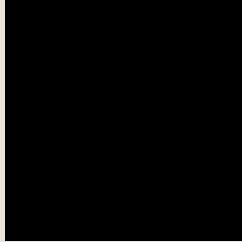
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

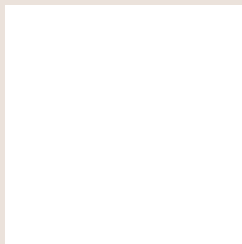
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.2435, 77.1694, 78.0000

Background



This preview shows how black text looks on a background with the XYZ color 74.2435, 77.1694, 78.0000.



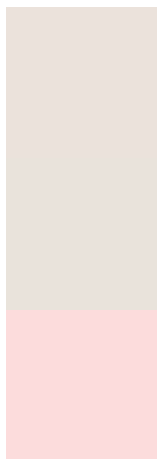
This preview shows how white text looks on a background with the XYZ color 74.2435, 77.1694,

78.0000.

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

74.2435, 77.1694, 78.0000

Protanopia

73.8595, 77.3763, 78.0601

Deuteranopia

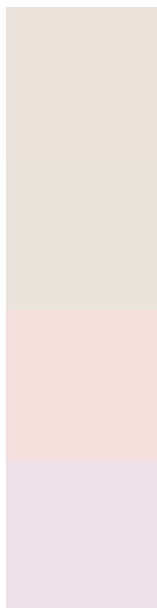
78.6564, 77.0492, 78.4365



Tritanopia

77.3757, 77.2438, 93.2695

Trichromacy



Original Color

74.2435, 77.1694, 78.0000

Protanomaly

74.1870, 77.5451, 78.0755

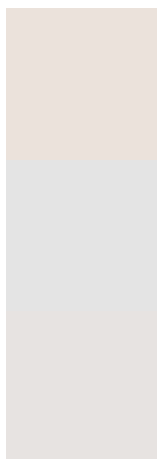
Deuteranomaly

77.0456, 77.0027, 78.5124

Tritanomaly

76.1462, 77.1420, 87.2205

Monochromacy



Original Color

74.2435, 77.1694, 78.0000

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.0147, 77.3633, 82.2658

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2435, 77.1694, 78.0000 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(235, 226, 219) looks like.

```
.text, #text, p{  
    color:rgb(235, 226, 219)  
}
```

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(235, 226, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 226, 219) }
```

Border

The CSS property to change the border of an element to XYZ 74.2435, 77.1694, 78.0000 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(235, 226, 219) }
```


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

```
.border{ border-color:rgb(235, 226, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 226, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 226, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 226, 219);  
box-shadow:4px 4px 4px 4px rgb(235, 226,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2435, 77.1694, 78.0000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 226, 219) }
```

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

```
.background{ background-color: rgb(235,  
226, 219) }
```

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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