

Converting Colors

XYZ(73.3094, 78.2955, 72.5767)

Have a look what the booklet for
XYZ(73.3094, 78.2955, 72.5767)
contains.

XYZ(73.3334, 78.4526, 72.9058)	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(73.3334, 78.4526,
72.9058)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E6D3
RGB	232, 230, 211
RGB Percent	91%, 90%, 83%
CMY	0.0902, 0.0980, 0.1725
CMYK	0.00, 0.01, 0.09, 0.09
HSL	54°, 31%, 87%
HSV	54°, 9%, 91%
XYZ	73.3334, 78.4526, 72.9058
YIQ	228.4320, 7.2910, -5.4850

Conversions

Conversions Part 2

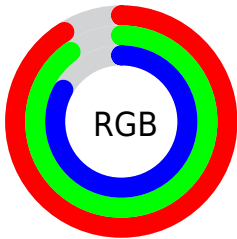
Format	Color
R _Y B	213, 232, 211
Decimal	15263443
CIE Lab	90.99, -2.56, 9.49
CIE LCh	91, 9.827, 105.081
Yxy	78.4526, 0.3264, 0.3492
Android (android.graphics.Color)	4293453523 (0xFFE8E6D3)
YUV	228.4320, -8.5940, 3.1291
Hunter-Lab	88.5735, -7.2165, 13.1992

Details

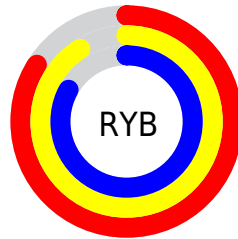
The XYZ color **73.3334, 78.4526, 72.9058** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.2236, 67.2624, 85.8900**, and the grayscale version is **74.1182, 77.9782, 84.9182**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2352, 42.2904, 37.5474** is the 20% darker color. If you saturate the color by 10%, you get **70.0235, 76.1558, 58.4738**, and if you desaturate by 10%, it is **77.0752, 80.9397, 89.5547**.

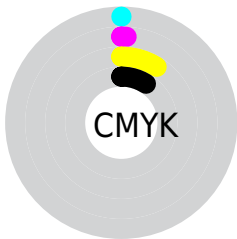
Distribution



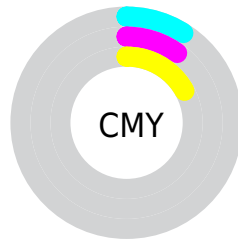
- Red (91%)
- Green (90%)
- Blue (83%)



- Red (84%)
- Yellow (91%)
- Blue (83%)



- Cyan (0%)
- Magenta (1%)
- Yellow (9%)
- Black (9%)



- Cyan (9%)
- Magenta (10%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.3334, 78.4526, 72.9058 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 73.3334, 78.4526, 72.9058 by changing the saturation by 10% instead.

73.3334, 78.4526,
72.9058

73.3334, 78.4526,
72.9058

461.2554,
489.7025, 489.7503

54.5380, 58.4459,
53.4076

122.9510,
131.1880, 125.0631

39.2643, 42.1672,
37.7383

154.5038,
164.6853, 158.5594

27.1471, 29.2322,
25.4794

191.0399,
203.4484, 197.5587

17.8209, 19.2566,
16.2123

232.9245,
247.8615, 242.4796

10.9204, 11.8558,
9.5185

280.5230,
298.3091, 293.7407

6.0802, 6.6456,
4.9795

334.2007,

2.9350, 3.2415,

355.1755, 351.7604

2.1767

394.3231,
418.8452, 416.9575

■ 1.1195, 1.2591,
0.6609

■ 0.0413, 0.1092,
0.0000

■ 73.3334, 78.4526,
72.9058

■ 73.3334, 78.4526,
72.9058

■ 70.0235, 76.1558,
58.4738

■ 77.0752, 80.9397,
89.5547

■ 67.1212, 74.0318,
46.1594

■ 80.8700, 83.4580,
106.4544

■ 64.6093, 72.0763,
35.8630

■ 81.5030, 84.7240,
106.6654

■ 62.4672, 70.2810,
27.4756

■ 82.1439, 86.0057,
106.8790

60.6719, 68.6367,
20.8772

82.7926, 87.3031,
107.0953

59.1982, 67.1332,
15.9348

83.4492, 88.6163,
107.3142

58.0173, 65.7589,
12.4967

84.1138, 89.9454,
107.5357

57.0950, 64.5002,
10.3831

84.7863, 91.2904,
107.7598

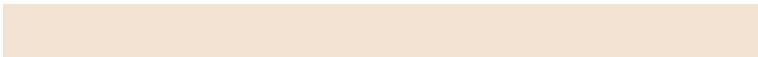
56.3787, 63.3359,
9.3168

85.4667, 92.6513,
107.9867

Harmonies

Analogous

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



75.8009, 78.4526, 72.8968



73.3334, 78.4526, 72.9058



71.2420, 78.4526, 76.1396

Triad

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



73.3334, 78.4526, 72.9058



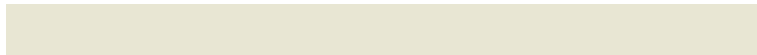
71.2512, 78.4526, 95.4582



79.2687, 78.4526, 88.9848

Complementary

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



73.3334, 78.4526, 72.9058



65.2236, 67.2624, 85.8900

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.



77.9936, 78.4526, 95.4288



73.3334, 78.4526, 72.9058



73.3463, 78.4526, 99.3045

Square

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



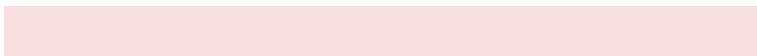
73.3334, 78.4526, 72.9058



70.0581, 78.4526, 89.0232



75.8140, 78.4526, 99.2935



79.2650, 78.4526, 81.9184

Rectangle

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



73.3334, 78.4526, 72.9058



70.3266, 78.4526, 79.7974



75.8140, 78.4526, 99.2935



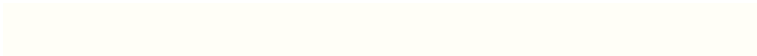
78.9742, 78.4526, 91.3039

Sweetspot

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



73.3355, 78.4560, 72.9075



93.6111, 99.0541, 102.4647



68.5969, 68.5546, 72.6354



19.9561, 21.1483, 21.5728



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.



73.3355, 78.4560, 72.9075



90.0138, 96.6345, 86.5450



71.2320, 78.2007, 72.9691



15.4784, 16.5707, 15.2871



31.3143, 35.2028, 5.1444



2.3483, 2.6699, 0.3916

Inverse Universe

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



65.2236, 67.2624, 85.8900



77.9026, 79.9225, 105.9284



67.1947, 67.5381, 85.8393



13.6924, 14.1063, 18.1454



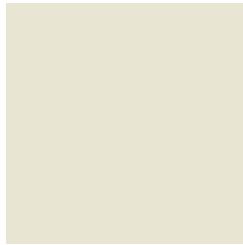
8.2860, 3.6342, 42.6479



0.6501, 0.3442, 3.1641

Previews

White Background



This preview shows how the XYZ color 73.3334, 78.4526, 72.9058 looks on a white background.

Color Contrast Check

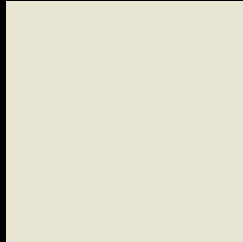
Large Text (above 18pt) WCAG AA × Fail

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 73.3334, 78.4526, 72.9058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

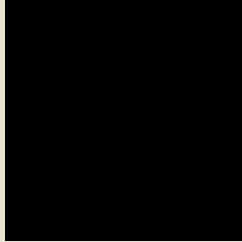
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

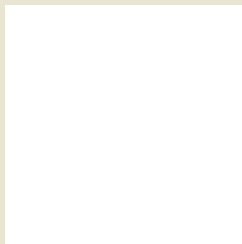
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.3334, 78.4526, 72.9058

Background



This preview shows how black text looks on a background with the XYZ color 73.3334, 78.4526, 72.9058.



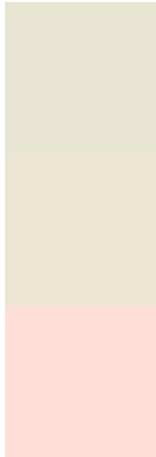
This preview shows how white text looks on a background with the XYZ color 73.3334, 78.4526,

72.9058.

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

73.3334, 78.4526, 72.9058

Protanopia

74.6362, 78.3171, 72.1557

Deuteranopia

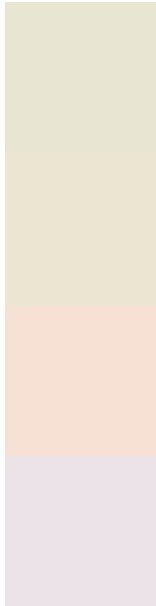
79.4989, 78.3576, 74.5528



Tritanopia

78.0279, 78.3260, 95.7999

Trichromacy



Original Color

73.3334, 78.4526, 72.9058

Protanomaly

74.2442, 78.5246, 72.2164

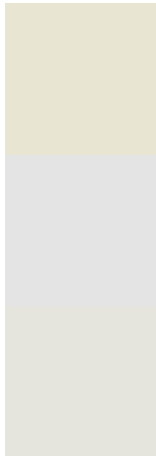
Deuteranomaly

77.2932, 78.4287, 74.0152

Tritanomaly

76.1538, 78.3699, 86.7145

Monochromacy



Original Color

73.3334, 78.4526, 72.9058

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.5172, 77.9706, 80.2823

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3334, 78.4526, 72.9058 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(232, 230, 211)` looks like.

```
.text, #text, p{  
    color:rgb(232, 230, 211)  
}
```

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(232, 230, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 230, 211) }
```

Border

The CSS property to change the border of an element to XYZ 73.3334, 78.4526, 72.9058 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(232, 230, 211) }
```


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

```
.border{ border-color:rgb(232, 230, 211) }
```

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

Here you see how a box with a 4 pixel rgb(232, 230, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 230, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 230, 211);  
box-shadow:4px 4px 4px 4px rgb(232, 230,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3334, 78.4526, 72.9058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 230, 211) }
```

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

```
.background{ background-color: rgb(232,  
230, 211) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor