

Converting Colors

XYZ(70.4711, 74.4738, 78.3097)

Have a look what the booklet for
XYZ(70.4711, 74.4738, 78.3097)
contains.

XYZ(70.3144, 74.3259, 78.3505)	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(70.3144, 74.3259,
78.3505)**

Conversions

Conversions Part 1

Format	Color
Hex	E0E0DC
RGB	224, 224, 220
RGB Percent	88%, 88%, 86%
CMY	0.1216, 0.1215, 0.1372
CMYK	0.00, 0.00, 0.02, 0.12
HSL	60°, 6%, 87%
HSV	60°, 2%, 88%
XYZ	70.3144, 74.3259, 78.3505
YIQ	223.5440, 1.2840, -1.2440

Conversions

Conversions Part 2

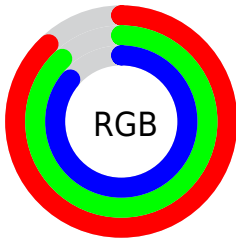
Format	Color
R _Y B	220, 224, 220
Decimal	14737628
CIE Lab	89.08, -0.71, 1.94
CIE LCh	89, 2.069, 109.973
Yxy	74.3259, 0.3153, 0.3333
Android (android.graphics.Color)	4292927708 (0xFFE0E0DC)
YUV	223.5440, -1.7472, 0.3999
Hunter-Lab	86.2125, -5.2882, 6.4656

Details

The XYZ color **70.3144, 74.3259, 78.3505** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.5657, 71.7858, 80.7671**, and the grayscale version is **70.5394, 74.2130, 80.8179**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.3417, 39.5276, 41.2588** is the 20% darker color. If you saturate the color by 10%, you get **67.5383, 73.2171, 63.7578**, and if you desaturate by 10%, it is **73.4923, 75.6002, 95.0402**.

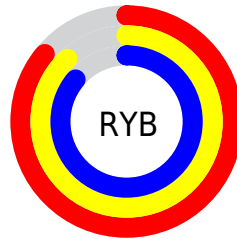
Distribution



Red (88%)

Green (88%)

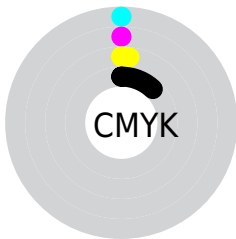
Blue (86%)



Red (86%)

Yellow (88%)

Blue (86%)

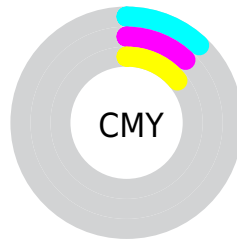


Cyan (0%)

Magenta (0%)

Yellow (2%)

Black (12%)



Cyan (12%)

Magenta (12%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.3144, 74.3259, 78.3505 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 70.3144, 74.3259, 78.3505 by changing the saturation by 10% instead.

■ 70.3144, 74.3259,
78.3505

■ 70.3144, 74.3259,
78.3505

450.9024,
475.5974, 508.9158

■ 52.0634, 55.0608,
57.8438

118.6808,
125.3577, 132.8345

■ 37.2801, 39.4504,
41.2692

149.5270,
157.8932, 167.6488

■ 25.5991, 27.1103,
28.2082

185.3022,
195.6209, 208.0694

■ 16.6551, 17.6561,
18.2423

226.3719,
238.9253, 254.5149

■ 10.0826, 10.7034,
10.9528

273.1014,
288.1908, 307.4037

■ 5.5165, 5.8677,
5.9213

325.8561,

■ 2.5912, 2.7648,

343.8017, 367.1544

2.7293

385.0013,
406.1424, 434.1856

■ 0.9415, 1.0102,
0.9581

■ 0.0000, 0.0000,
0.0000

■ 70.3144, 74.3259,
78.3505

■ 70.3144, 74.3259,
78.3505

■ 67.5383, 73.2171,
63.7578

■ 73.4923, 75.6002,
95.0402

■ 65.1420, 72.2578,
51.1746

■ 75.4616, 76.3887,
105.3750

■ 63.1110, 71.4445,
40.5143

■ 75.4683, 76.3922,
105.3753

■ 61.4271, 70.7702,
31.6824

■ 75.4751, 76.3957,
105.3756

60.0709, 70.2270,
24.5761

75.4819, 76.3992,
105.3759

59.0210, 69.8062,
19.0827

75.4887, 76.4027,
105.3763

58.2534, 69.4984,
15.0759

75.4954, 76.4062,
105.3766

57.7406, 69.2925,
12.4109

75.5022, 76.4097,
105.3769

57.4496, 69.1753,
10.9137

75.5090, 76.4132,
105.3772

Harmonies

Analogous

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



70.8132, 74.3259, 78.2288



70.3144, 74.3259, 78.3505



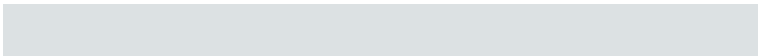
69.9059, 74.3259, 79.1583

Triad

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



70.3144, 74.3259, 78.3505



70.0238, 74.3259, 83.0698



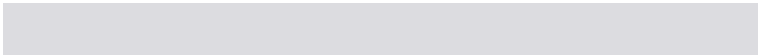
71.6021, 74.3259, 81.4119

Complementary

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



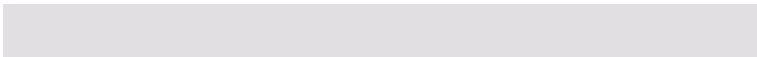
70.3144, 74.3259, 78.3505



68.5657, 71.7858, 80.7671

Split Complementary

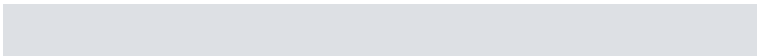
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.3884, 74.3259, 82.7245



70.3144, 74.3259, 78.3505



70.4761, 74.3259, 83.6891

Square

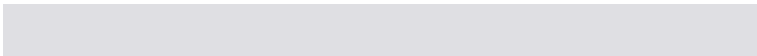
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



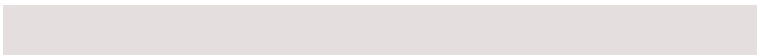
70.3144, 74.3259, 78.3505



69.7386, 74.3259, 81.8789



70.9757, 74.3259, 83.5620



71.5583, 74.3259, 79.9850

Rectangle

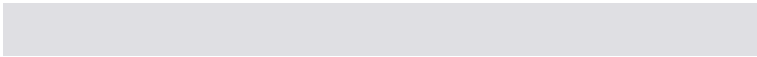
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



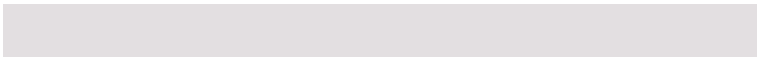
70.3144, 74.3259, 78.3505



69.7389, 74.3259, 79.9825



70.9757, 74.3259, 83.5620



71.5579, 74.3259, 81.8814

Sweetspot

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



70.3165, 74.3291, 78.3521



94.6412, 99.8364, 106.7520



69.2542, 72.2028, 77.9977



20.2614, 21.3708, 22.8720



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.



70.3165, 74.3291, 78.3521



94.2378, 99.6749, 104.6326



69.7008, 74.0117, 78.3233



15.3356, 16.2151, 17.0608



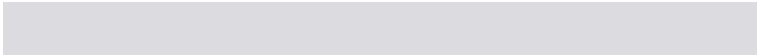
33.3700, 40.2354, 6.0074



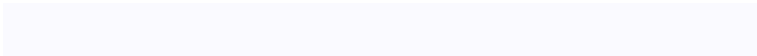
2.3135, 2.7891, 0.4164

Inverse Universe

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



68.5657, 71.7858, 80.7671



91.5948, 95.8355, 108.2783



69.1741, 72.0995, 80.7955



14.9322, 15.6290, 17.6174



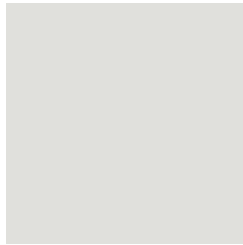
7.8337, 3.1337, 41.2403



0.5434, 0.2174, 2.8586

Previews

White Background



This preview shows how the XYZ color 70.3144, 74.3259, 78.3505 looks on a white background.

Color Contrast Check

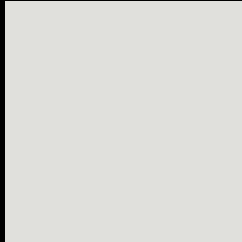
Large Text (above 18pt) WCAG AA × Fail

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 70.3144, 74.3259, 78.3505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

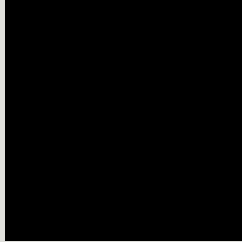
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

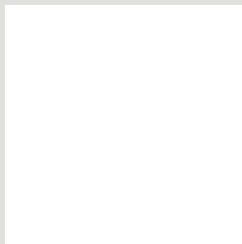
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.3144, 74.3259, 78.3505

Background



This preview shows how black text looks on a background with the XYZ color 70.3144, 74.3259, 78.3505.

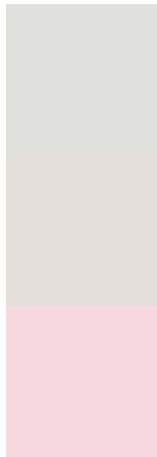


This preview shows how white text looks on a background with the XYZ color 70.3144, 74.3259,

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

70.3144, 74.3259, 78.3505

Protanopia

71.4870, 74.5478, 77.6392

Deuteranopia

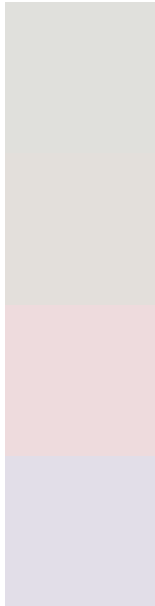
75.7467, 73.9785, 79.3942



Tritanopia

73.1150, 74.2758, 92.1444

Trichromacy



Original Color

70.3144, 74.3259, 78.3505

Protanomaly

70.8524, 74.2207, 77.6095

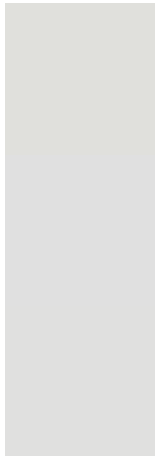
Deuteranomaly

73.6426, 74.0606, 78.8204

Tritanomaly

72.0508, 74.2375, 86.8757

Monochromacy



Original Color

70.3144, 74.3259, 78.3505

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.7154, 74.4863, 80.4622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.3144, 74.3259, 78.3505 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(224, 224, 220) looks like.

```
.text, #text, p{  
    color:rgb(224, 224, 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(224, 224, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 224, 220) }
```

Border

The CSS property to change the border of an element to XYZ 70.3144, 74.3259, 78.3505 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(224, 224, 220) }
```


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

```
.border{ border-color:rgb(224, 224, 220) }
```

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

Here you see how a box with a 4 pixel rgb(224, 224, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 224, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 224, 220);  
box-shadow:4px 4px 4px 4px rgb(224, 224,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 70.3144, 74.3259, 78.3505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 224, 220) }
```

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

```
.background{ background-color: rgb(224,  
224, 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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