

Converting Colors

XYZ(70.7110, 75.3983, 81.5980)

Have a look what the booklet for
XYZ(70.7110, 75.3983, 81.5980)
contains.

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Color

**XYZ(70.4697, 75.1467,
81.3116)**

Conversions

Conversions Part 1

Format	Color
Hex	DDE2E0
RGB	221, 226, 224
RGB Percent	87%, 89%, 88%
CMY	0.1333, 0.1137, 0.1216
CMYK	0.02, 0.00, 0.01, 0.11
HSL	156°, 8%, 88%
HSV	156°, 2%, 89%
XYZ	70.4697, 75.1467, 81.3116
YIQ	224.2770, -2.3380, -1.6820

Conversions

Conversions Part 2

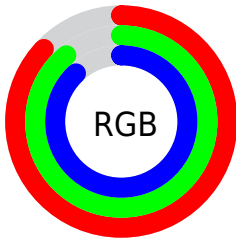
Format	Color
R_YB	221, 224, 226
Decimal	14541536
CIE Lab	89.46, -2.04, 0.38
CIE LCh	89, 2.070, 169.454
Yxy	75.1467, 0.3105, 0.3311
Android (android.graphics.Color)	4292731616 (0xFFDDE2E0)
YUV	224.2770, -0.1366, -2.8739
Hunter-Lab	86.6872, -6.5965, 5.0677

Details

The XYZ color **70.4697, 75.1467, 81.3116** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.5426, 73.2113, 80.2290**, and the grayscale version is **71.0536, 74.7539, 81.4070**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.4502, 40.0974, 43.3018** is the 20% darker color. If you saturate the color by 10%, you get **62.8518, 71.3597, 74.7182**, and if you desaturate by 10%, it is **79.0835, 79.4438, 88.2958**.

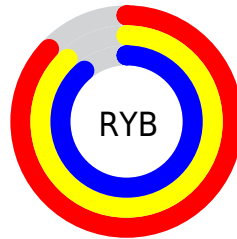
Distribution



Red (87%)

Green (89%)

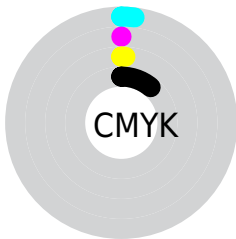
Blue (88%)



Red (87%)

Yellow (88%)

Blue (89%)

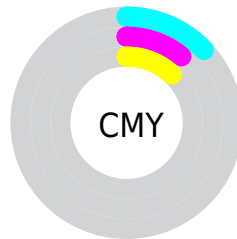


Cyan (2%)

Magenta (0%)

Yellow (1%)

Black (11%)



Cyan (13%)

Magenta (11%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.4697, 75.1467, 81.3116 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 70.4697, 75.1467, 81.3116 by changing the saturation by 10% instead.

■ 70.4697, 75.1467,
81.3116

■ 70.4697, 75.1467,
81.3116

451.4382,
478.4216, 519.1650

■ 52.1905, 55.7331,
60.2658

118.9010,
126.5200, 137.0362

■ 37.3818, 39.9890,
43.2062

149.7838,
159.2485, 172.5521

■ 25.6783, 27.5299,
29.7143

185.5985,
197.1840, 213.7284

■ 16.7145, 17.9716,
19.3716

226.7104,
240.7110, 260.9836

■ 10.1252, 10.9296,
11.7596

273.4851,
290.2139, 314.7363

■ 5.5450, 6.0195,
6.4597

326.2877,

■ 2.6084, 2.8570,

346.0770, 375.4051

3.0533

385.4836,
408.6848, 443.4085

■ 0.9503, 1.0575,
1.1219

■ 0.0000, 0.0000,
0.0000

■ 70.4697, 75.1467,
81.3116

■ 70.4697, 75.1467,
81.3116

■ 62.8518, 71.3597,
74.7182

■ 79.0835, 79.4438,
88.2958

■ 56.1857, 68.0539,
68.5037

■ 84.4802, 82.0726,
95.4740

■ 50.4334, 65.2118,
62.6625

■ 85.8745, 82.6303,
102.8163

■ 45.5515, 62.8112,
57.1869

■ 86.4878, 82.8756,
106.0459

■ 41.4934, 60.8282,
52.0692

■ 38.2077, 59.2365,
47.3012

■ 35.6369, 58.0066,
42.8742

■ 33.7152, 57.1046,
38.7789

■ 32.3635, 56.4899,
35.0053

Harmonies

Analogous

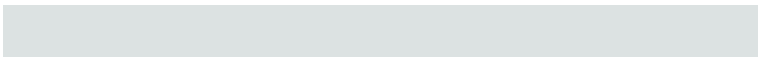
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.6858, 75.1467, 80.0188



70.4697, 75.1467, 81.3116



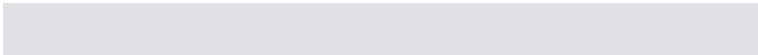
70.5086, 75.1467, 82.7562

Triad

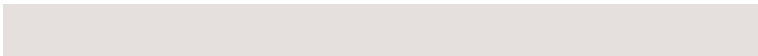
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.4697, 75.1467, 81.3116



71.7502, 75.1467, 84.4853



72.0609, 75.1467, 79.7168

Complementary

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



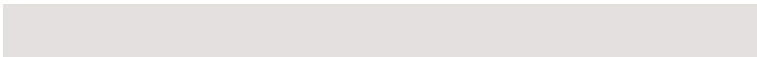
70.4697, 75.1467, 81.3116



70.5426, 73.2113, 80.2290

Split Complementary

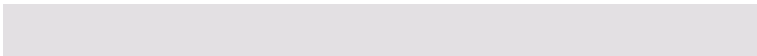
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.3487, 75.1467, 80.8948



70.4697, 75.1467, 81.3116



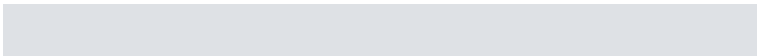
72.1687, 75.1467, 83.6520

Square

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



70.4697, 75.1467, 81.3116



71.2463, 75.1467, 84.6001



72.3883, 75.1467, 82.3345



71.6034, 75.1467, 79.1053

Rectangle

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



70.4697, 75.1467, 81.3116



70.6739, 75.1467, 83.6106



72.3883, 75.1467, 82.3345



72.1807, 75.1467, 80.0590

Sweetspot

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



70.4718, 75.1499, 81.3132



93.9541, 99.4540, 107.9928



70.7072, 75.3179, 79.2188



20.1216, 21.2930, 23.1245



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.



70.4718, 75.1499, 81.3132



91.8020, 98.3821, 106.1939



70.6320, 75.0328, 82.7154



14.8021, 15.9372, 17.1631



18.0906, 32.0611, 18.7322



1.2978, 2.2398, 1.5295

Inverse Universe

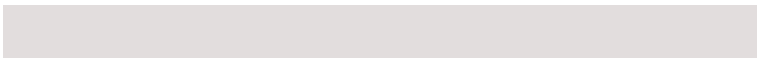
The Inverse Universe completely reimagines the original color for something new.



70.5426, 73.2113, 80.2290



91.9281, 94.9239, 104.2598



70.3841, 73.3243, 78.8510



14.8276, 15.2375, 16.7718



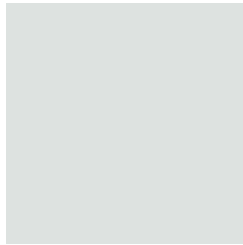
19.0132, 9.6723, 6.7355



1.3613, 0.6878, 0.6952

Previews

White Background



This preview shows how the XYZ color 70.4697, 75.1467, 81.3116 looks on a white background.

Color Contrast Check

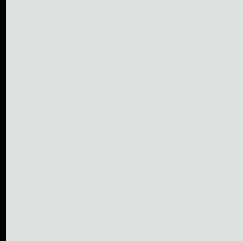
Large Text (above 18pt) WCAG AA × Fail

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 70.4697, 75.1467, 81.3116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

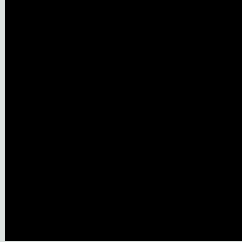
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

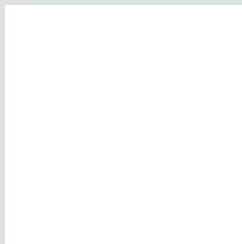
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.4697, 75.1467, 81.3116

Background



This preview shows how black text looks on a background with the XYZ color 70.4697, 75.1467, 81.3116.



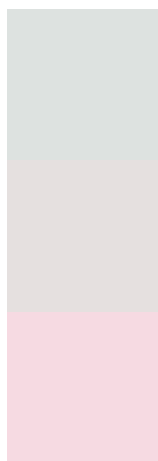
This preview shows how white text looks on a background with the XYZ color 70.4697, 75.1467,

81.3116.

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

70.4697, 75.1467, 81.3116

Protanopia

72.2880, 75.2970, 80.5358

Deuteranopia

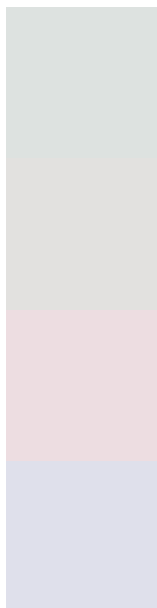
76.8049, 75.2266, 82.4236



Tritanopia

73.0053, 74.9735, 93.8426

Trichromacy



Original Color

70.4697, 75.1467, 81.3116

Protanomaly

71.6085, 75.3469, 80.5813

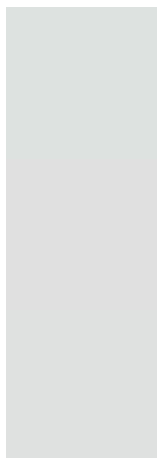
Deuteranomaly

74.3721, 75.1537, 81.8204

Tritanomaly

72.0825, 74.9974, 89.2741

Monochromacy



Original Color

70.4697, 75.1467, 81.3116

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.8112, 74.9202, 81.2499

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.4697, 75.1467, 81.3116 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(221, 226, 224) looks like.

```
.text, #text, p{  
    color:rgb(221, 226, 224)  
}
```

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(221, 226, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 226, 224) }
```

Border

The CSS property to change the border of an element to XYZ 70.4697, 75.1467, 81.3116 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(221, 226, 224) }
```


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

```
.border{ border-color:rgb(221, 226, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 226, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 226, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 226, 224); box-shadow:4px 4px 4px 4px rgb(221, 226, 224) }
```

Background

The CSS property to change the background color of an element to XYZ 70.4697, 75.1467, 81.3116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 226, 224) }
```

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

```
.background{ background-color: rgb(221,  
226, 224) }
```

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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