

Converting Colors

XYZ(70.1124, 74.8044, 78.5133)

Have a look what the booklet for
XYZ(70.1124, 74.8044, 78.5133)
contains.

| | |
|--|----|
| XYZ(69.9677, 74.5473, 78.4115) | 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(69.9677, 74.5473,
78.4115)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DEE1DC |
| RGB | 222, 225, 220 |
| RGB Percent | 87%, 88%, 86% |
| CMY | 0.1294, 0.1176, 0.1372 |
| CMYK | 0.01, 0.00, 0.02, 0.12 |
| HSL | 96°, 8%, 87% |
| HSV | 96°, 2%, 88% |
| XYZ | 69.9677, 74.5473, 78.4115 |
| YIQ | 223.5330, -0.1830, -2.1910 |

Conversions

Conversions Part 2

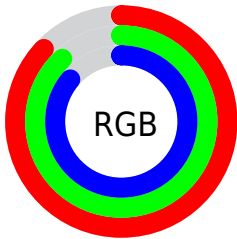
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 220, 225, 223 |
| Decimal | 14606812 |
| CIE Lab | 89.18, -1.90, 2.08 |
| CIE LCh | 89, 2.816, 132.450 |
| Yxy | 74.5473, 0.3139, 0.3344 |
| Android (android.graphics.Color) | 4292796892 (0xFFDEE1DC) |
| YUV | 223.5330, -1.7418, -1.3444 |
| Hunter-Lab | 86.3408, -6.4459, 6.5936 |

Details

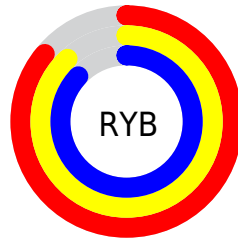
The XYZ color **69.9677, 74.5473, 78.4115** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.6180, 72.3126, 81.5264**, and the grayscale version is **70.5323, 74.2055, 80.8098**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.1026, 39.6816, 41.3011** is the 20% darker color. If you saturate the color by 10%, you get **63.2139, 71.3892, 63.5726**, and if you desaturate by 10%, it is **77.4583, 78.0431, 95.3817**.

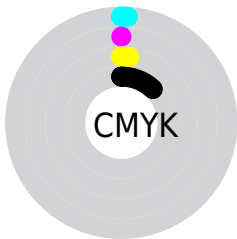
Distribution



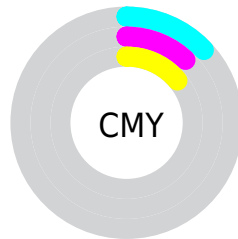
- Red (87%)
- Green (88%)
- Blue (86%)



- Red (86%)
- Yellow (88%)
- Blue (87%)



- Cyan (1%)
- Magenta (0%)
- Yellow (2%)
- Black (12%)



- Cyan (13%)
- Magenta (12%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.9677, 74.5473, 78.4115 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 69.9677, 74.5473, 78.4115 by changing the saturation by 10% instead.

■ 69.9677, 74.5473,
78.4115

■ 69.9677, 74.5473,
78.4115

449.7048,
476.3601, 509.1281

■ 51.7797, 55.2421,
57.8936

118.1892,
125.6713, 132.9212

■ 37.0531, 39.5956,
41.3090

148.9534,
158.2590, 167.7501

■ 25.4224, 27.2234,
28.2391

184.6405,
196.0429, 208.1864

■ 16.5225, 17.7411,
18.2654

225.6156,
239.4074, 254.6487

■ 9.9878, 10.7642,
10.9693

272.2443,
288.7370, 307.5554

■ 5.4531, 5.9085,
5.9323

324.8918,

■ 2.5529, 2.7895,

344.4161, 367.3252

2.7358

383.9235,
406.8290, 434.3766

■ 0.9220, 1.0229,
0.9614

■ 0.0000, 0.0000,
0.0000

■ 69.9677, 74.5473,
78.4115

■ 69.9677, 74.5473,
78.4115

■ 63.2139, 71.3892,
63.5726

■ 77.4583, 78.0431,
95.3817

■ 57.1670, 68.5489,
50.7759

■ 84.0491, 81.2158,
105.8541

■ 51.8042, 66.0187,
39.9334

■ 86.2166, 82.3333,
105.9555

■ 47.0987, 63.7869,
30.9487

■ 43.0223, 61.8413,
23.7170

■ 39.5440, 60.1683,
18.1235

■ 36.6299, 58.7535,
14.0393

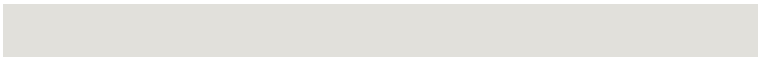
■ 34.2420, 57.5802,
11.3166

■ 32.3360, 56.6297,
9.7773

Harmonies

Analogous

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



70.5708, 74.5473, 77.5332



69.9677, 74.5473, 78.4115



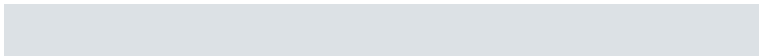
69.6037, 74.5473, 80.0346

Triad

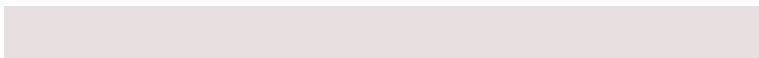
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.9677, 74.5473, 78.4115



70.4576, 74.5473, 84.8277



72.1519, 74.5473, 80.3570

Complementary

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



69.9677, 74.5473, 78.4115



69.6180, 72.3126, 81.5264

Split Complementary

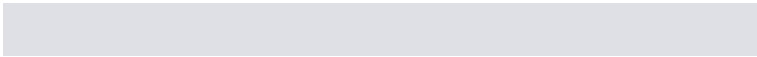
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.1211, 74.5473, 82.3147



69.9677, 74.5473, 78.4115



71.1399, 74.5473, 84.9174

Square

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



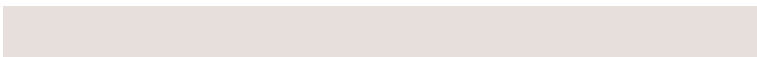
69.9677, 74.5473, 78.4115



69.8854, 74.5473, 83.7479



71.7497, 74.5473, 83.9911



71.8335, 74.5473, 78.6442

Rectangle

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



69.9677, 74.5473, 78.4115



69.5442, 74.5473, 81.3310



71.7497, 74.5473, 83.9911



72.1821, 74.5473, 81.0078

Sweetspot

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



69.9698, 74.5505, 78.4131



94.0812, 99.5477, 106.7258



70.3601, 73.9532, 78.2773



20.1475, 21.3121, 22.8666



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.



69.9698, 74.5505, 78.4131



92.1732, 98.6564, 102.4637



69.4272, 74.2631, 78.7342



14.8768, 15.9925, 16.4099



18.0651, 32.3454, 5.2912



1.3512, 2.2931, 0.3714

Inverse Universe

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



69.6180, 72.3126, 81.5264



91.5419, 94.6405, 108.0504



70.1697, 72.6049, 81.1964



14.7491, 15.1799, 17.5403



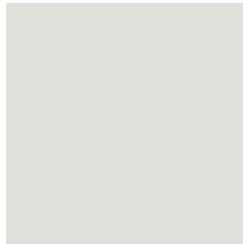
13.7305, 6.1737, 41.5163



1.0519, 0.4796, 2.8824

Previews

White Background



This preview shows how the XYZ color 69.9677, 74.5473, 78.4115 looks on a white background.

Color Contrast Check

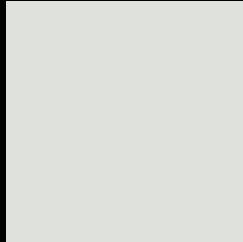
Large Text (above 18pt) WCAG AA × Fail

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 69.9677, 74.5473, 78.4115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

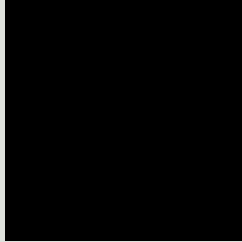
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

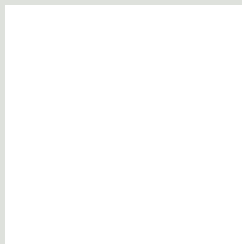
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.9677, 74.5473, 78.4115

Background



This preview shows how black text looks on a background with the XYZ color 69.9677, 74.5473, 78.4115.

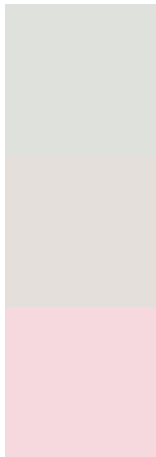


This preview shows how white text looks on a background with the XYZ color 69.9677, 74.5473,

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

69.9677, 74.5473, 78.4115

Protanopia

71.4870, 74.5478, 77.6392

Deuteranopia

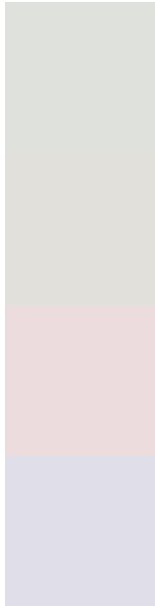
76.0037, 74.4925, 79.4799



Tritanopia

72.9008, 74.5414, 92.9837

Trichromacy



Original Color

69.9677, 74.5473, 78.4115

Protanomaly

70.8059, 74.5945, 77.6841

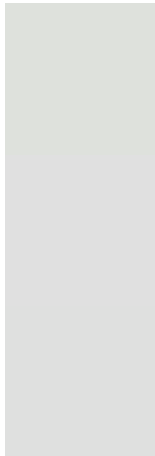
Deuteranomaly

73.5694, 74.4114, 78.8919

Tritanomaly

71.8361, 74.5058, 87.6857

Monochromacy



Original Color

69.9677, 74.5473, 78.4115

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.4064, 74.3270, 80.4478

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.9677, 74.5473, 78.4115 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(222, 225, 220) looks like.

```
.text, #text, p{  
    color:rgb(222, 225, 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(222, 225, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 225, 220) }
```

Border

The CSS property to change the border of an element to XYZ 69.9677, 74.5473, 78.4115 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(222, 225, 220) }
```


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

```
.border{ border-color:rgb(222, 225, 220) }
```

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

Here you see how a box with a 4 pixel rgb(222, 225, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 225, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 225, 220);  
box-shadow:4px 4px 4px 4px rgb(222, 225,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 69.9677, 74.5473, 78.4115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 225, 220) }
```

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

```
.background{ background-color: rgb(222,  
225, 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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