

Converting Colors

XYZ(69.9178, 79.6044, 75.1223)

Have a look what the booklet for
XYZ(69.9178, 79.6044, 75.1223)
contains.

XYZ(69.8624, 79.5695, 75.2946)	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(69.8624, 79.5695,
75.2946)**

Conversions

Conversions Part 1

Format	Color
Hex	D5EDD6
RGB	213, 237, 214
RGB Percent	84%, 93%, 84%
CMY	0.1647, 0.0706, 0.1608
CMYK	0.10, 0.00, 0.10, 0.07
HSL	122°, 40%, 88%
HSV	122°, 10%, 93%
XYZ	69.8624, 79.5695, 75.2946
YIQ	227.2020, -6.9210, -12.2410

Conversions

Conversions Part 2

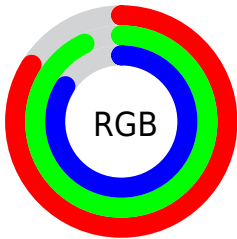
Format	Color
R_{YB}	213, 236, 237
Decimal	14020054
CIE _{Lab}	91.49, -12.09, 8.47
CIE _{LCh}	91, 14.759, 144.982
Yxy	79.5695, 0.3109, 0.3541
Android (android.graphics.Color)	4292210134 (0xFFD5EDD6)
YUV	227.2020, -6.5086, -12.4552
Hunter-Lab	89.2017, -16.3026, 12.3949

Details

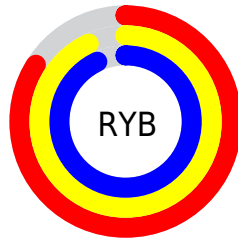
The XYZ color **69.8624, 79.5695, 75.2946** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.8626, 71.6512, 89.2979**, and the grayscale version is **73.2120, 77.0247, 83.8799**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.8824, 42.8201, 39.1221** is the 20% darker color. If you saturate the color by 10%, you get **60.7825, 75.2031, 60.7690**, and if you desaturate by 10%, it is **80.3558, 84.6225, 92.0011**.

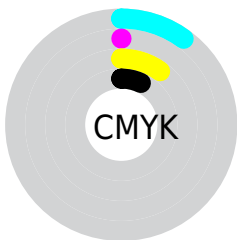
Distribution



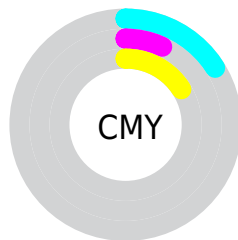
- Red (84%)
- Green (93%)
- Blue (84%)



- Red (84%)
- Yellow (93%)
- Blue (93%)



- Cyan (10%)
- Magenta (0%)
- Yellow (10%)
- Black (7%)



- Cyan (16%)
- Magenta (7%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.8624, 79.5695, 75.2946 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 69.8624, 79.5695, 75.2946 by changing the saturation by 10% instead.

69.8624, 79.5695,
75.2946

69.8624, 79.5695,
75.2946

449.3407,
493.4808, 498.2119

51.6936, 59.3642,
55.3511

118.0398,
132.7603, 128.4802

36.9842, 42.9063,
39.2824

148.7792,
166.5146, 162.5594

25.3688, 29.8116,
26.6700

184.4393,
205.5539, 202.1876

16.4823, 19.6957,
17.0953

225.3857,
250.2627, 247.7833

9.9591, 12.1740,
10.1398

271.9837,
301.0254, 299.7650

5.4339, 6.8623,
5.3849

324.5986,

2.5414, 3.3761,

358.2264, 358.5513

2.4122

383.5958,
422.2501, 424.5608

■ 0.9162, 1.3311,
0.7931

■ 0.0000, 0.1651,
0.0000

■ 69.8624, 79.5695,
75.2946

■ 69.8624, 79.5695,
75.2946

■ 60.7825, 75.2031,
60.7690

■ 80.3558, 84.6225,
92.0011

■ 53.0496, 71.4839,
48.3292

■ 89.5757, 89.0514,
107.0752

■ 46.6015, 68.3844,
37.8813

■ 41.3685, 65.8707,
29.3218

■ 37.2746, 63.9061,
22.5381

■ 34.2347, 62.4495,
17.4053

■ 32.1523, 61.4540,
13.7828

■ 30.9130, 60.8642,
11.5064

■ 30.3398, 60.5930,
10.3801

Harmonies

Analogous

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



72.6169, 79.5695, 69.1972



69.8624, 79.5695, 75.2946



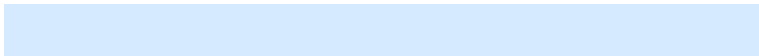
68.6547, 79.5695, 84.8399

Triad

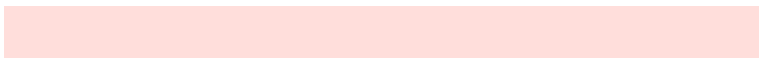
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.8624, 79.5695, 75.2946



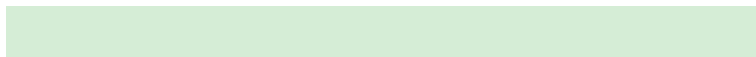
74.9981, 79.5695, 108.9362



82.3706, 79.5695, 78.1864

Complementary

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



69.8624, 79.5695, 75.2946



73.8626, 71.6512, 89.2979

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.



83.0591, 79.5695, 88.4606



69.8624, 79.5695, 75.2946



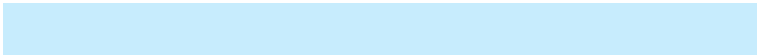
78.7221, 79.5695, 106.7868

Square

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



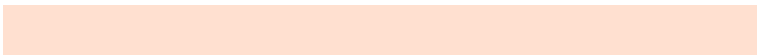
69.8624, 79.5695, 75.2946



71.5565, 79.5695, 104.7192



81.7033, 79.5695, 99.0663



79.8520, 79.5695, 70.7674

Rectangle

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



69.8624, 79.5695, 75.2946



68.8593, 79.5695, 92.0997



81.7033, 79.5695, 99.0663



82.8272, 79.5695, 81.3960

Sweetspot

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



69.8646, 79.5729, 75.2963



91.1332, 98.1146, 102.6725



76.9564, 83.2435, 74.9635



19.2878, 20.8954, 21.6286



0.0000, 0.0000, 0.0000



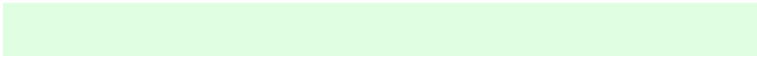
20.3446, 21.4041, 23.3091

Same Dimension

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



69.8646, 79.5729, 75.2963



80.3075, 92.9044, 85.4175



71.4273, 80.1980, 83.5254



14.8938, 16.8723, 16.1234



16.5754, 33.0846, 5.7290



1.3105, 2.6015, 0.4971

Inverse Universe

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



73.8626, 71.6512, 89.2979



85.8487, 81.9247, 104.8237



72.2036, 70.9877, 80.5621



15.6861, 15.3023, 18.8984



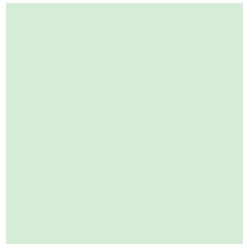
26.6598, 12.8666, 40.8715



2.1019, 1.0137, 3.2539

Previews

White Background



This preview shows how the XYZ color 69.8624, 79.5695, 75.2946 looks on a white background.

Color Contrast Check

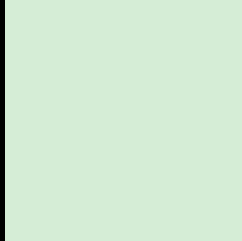
Large Text (above 18pt) WCAG AA × Fail

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 69.8624, 79.5695, 75.2946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

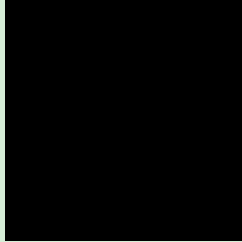
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

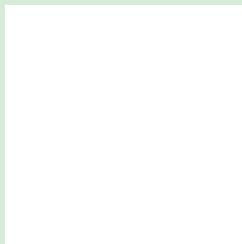
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.8624, 79.5695, 75.2946

Background



This preview shows how black text looks on a background with the XYZ color 69.8624, 79.5695, 75.2946.



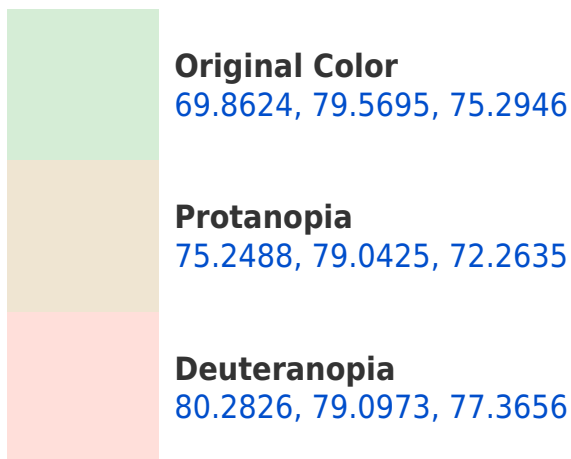
This preview shows how white text looks on a background with the XYZ color 69.8624, 79.5695,

75.2946.

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

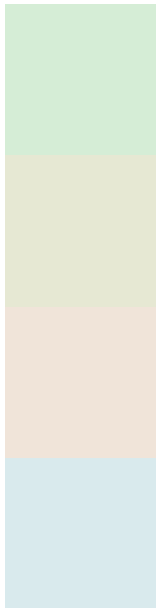




Tritanopia

75.3253, 79.6754, 101.8513

Trichromacy



Original Color

69.8624, 79.5695, 75.2946

Protanomaly

73.2476, 79.2394, 73.0622

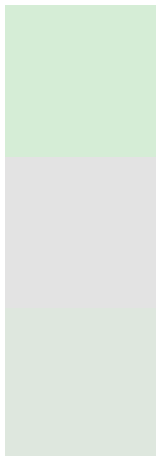
Deuteranomaly

76.2030, 79.0218, 76.8821

Tritanomaly

73.3242, 79.7118, 91.6421

Monochromacy



Original Color

69.8624, 79.5695, 75.2946

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

71.8849, 77.9553, 80.3654

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.8624, 79.5695, 75.2946 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(213, 237, 214) looks like.

```
.text, #text, p{  
    color:rgb(213, 237, 214)  
}
```

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(213, 237, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 237, 214) }
```

Border

The CSS property to change the border of an element to XYZ 69.8624, 79.5695, 75.2946 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(213, 237, 214) }
```


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

```
.border{ border-color:rgb(213, 237, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 237, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 237, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 237, 214);  
box-shadow:4px 4px 4px 4px rgb(213, 237,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 69.8624, 79.5695, 75.2946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 237, 214) }
```

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

```
.background{ background-color: rgb(213,  
237, 214) }
```

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