

Converting Colors

XYZ(74.8207, 79.6587, 95.7272)

Have a look what the booklet for
XYZ(74.8207, 79.6587, 95.7272)
contains.

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Color

**XYZ(74.7024, 79.4962,
95.4115)**

Conversions

Conversions Part 1

Format	Color
Hex	DDE8F2
RGB	221, 232, 242
RGB Percent	87%, 91%, 95%
CMY	0.1333, 0.0902, 0.0510
CMYK	0.09, 0.04, 0.00, 0.05
HSL	209°, 45%, 91%
HSV	209°, 9%, 95%
XYZ	74.7024, 79.4962, 95.4115
YIQ	229.8510, -9.7660, 0.7780

Conversions

Conversions Part 2

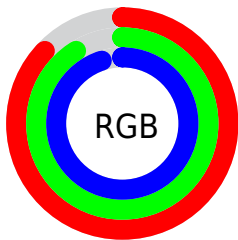
Format	Color
R _{YB}	221, 228, 242
Decimal	14543090
CIE _{Lab}	91.46, -1.76, -6.11
CIE _{LCh}	91, 6.360, 253.969
Y _{xy}	79.4962, 0.2993, 0.3185
Android (android.graphics.Color)	4292733170 (0xFFDDE8F2)
Y _{UV}	229.8510, 5.9895, -7.7623
Hunter-Lab	89.1606, -6.4766, -1.0342

Details

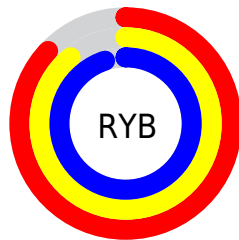
The XYZ color **74.7024, 79.4962, 95.4115** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.2453, 81.2489, 79.9665**, and the grayscale version is **75.0679, 78.9772, 86.0062**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1141, 42.7028, 52.5826** is the 20% darker color. If you saturate the color by 10%, you get **64.7221, 69.6961, 94.0471**, and if you desaturate by 10%, it is **85.9619, 90.2756, 96.8999**.

Distribution



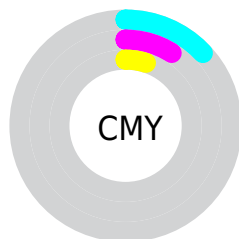
- Red (87%)
- Green (91%)
- Blue (95%)



- Red (87%)
- Yellow (89%)
- Blue (95%)



- Cyan (9%)
- Magenta (4%)
- Yellow (0%)
- Black (5%)



- Cyan (13%)
- Magenta (9%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.7024, 79.4962, 95.4115 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 74.7024, 79.4962, 95.4115 by changing the saturation by 10% instead.

■ 74.7024, 79.4962,
95.4115

■ 74.7024, 79.4962,
95.4115

465.9070,
493.2334, 566.4995

■ 55.6624, 59.3039,
71.8787

124.8812,
132.6572, 156.8335

■ 40.1683, 42.8578,
52.5734

156.7507,
166.3946, 195.5597

■ 27.8546, 29.7735,
37.0769

193.6274,
205.4159, 240.1876

■ 18.3560, 19.6668,
24.9708

235.8768,
250.1054, 291.1355

■ 11.3071, 12.1530,
15.8365

283.8640,
300.8475, 348.8222

■ 6.3426, 6.8480,
9.2554

337.9546,

■ 3.0971, 3.3672,

358.0266, 413.6660

4.8091

398.5138,
422.0271, 486.0856

■ 1.2053, 1.3263,
2.0789

■ 0.1106, 0.1614,
0.6032

■ 74.7024, 79.4962,
95.4115

■ 74.7024, 79.4962,
95.4115

■ 64.7221, 69.6961,
94.0471

■ 85.9619, 90.2756,
96.8999

■ 55.9649, 60.8339,
92.7981

■ 93.0273, 99.1909,
98.2484

■ 48.3804, 52.8797,
91.6625

■ 41.9119, 45.7977,
90.6365

■ 36.4976, 39.5497,
89.7159

■ 32.0690, 34.0934,
88.8961

■ 28.5487, 29.3819,
88.1723

■ 25.8457, 25.3609,
87.5386

■ 23.8293, 21.9555,
86.9876

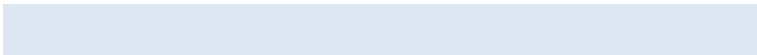
Harmonies

Analogous

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



73.3406, 79.4962, 92.8956



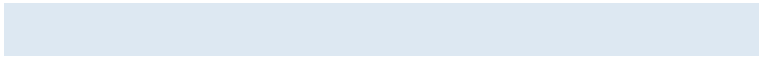
74.7024, 79.4962, 95.4115



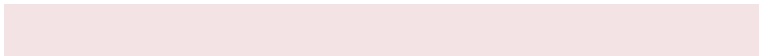
76.3126, 79.4962, 95.5002

Triad

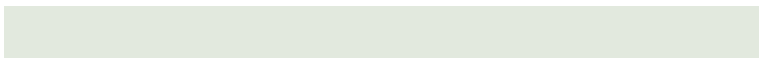
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.7024, 79.4962, 95.4115



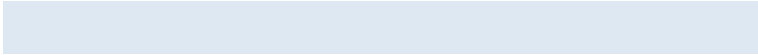
78.6198, 79.4962, 84.4237



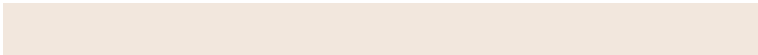
73.4183, 79.4962, 80.2991

Complementary

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



74.7024, 79.4962, 95.4115



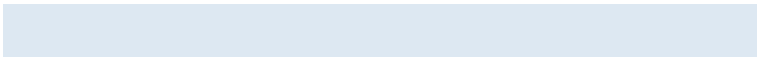
78.2453, 81.2489, 79.9665

Split Complementary

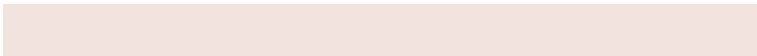
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.8099, 79.4962, 78.1919



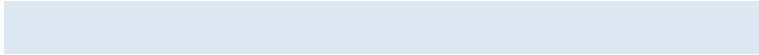
74.7024, 79.4962, 95.4115



77.8212, 79.4962, 80.5151

Square

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



74.7024, 79.4962, 95.4115



78.5901, 79.4962, 89.0431



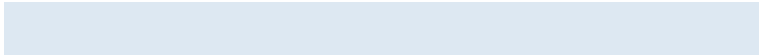
76.4216, 79.4962, 78.2696



72.6064, 79.4962, 84.1193

Rectangle

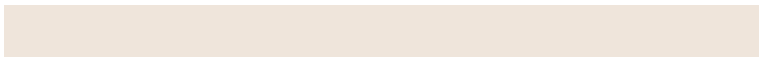
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.7024, 79.4962, 95.4115



77.3113, 79.4962, 94.1635



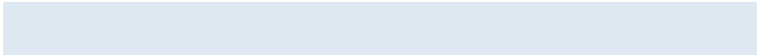
76.4216, 79.4962, 78.2696



73.8329, 79.4962, 79.3731

Sweetspot

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



74.7047, 79.4995, 95.4133



91.1406, 96.2764, 108.3873



75.9678, 84.6360, 87.7870



19.2890, 20.3978, 23.1705



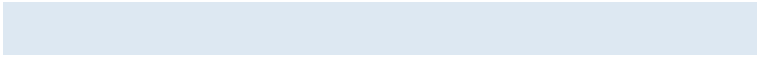
0.0000, 0.0000, 0.0000



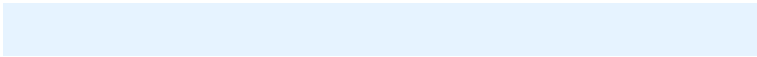
20.3446, 21.4041, 23.3091

Same Dimension

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



74.7047, 79.4995, 95.4133



82.5320, 87.9787, 107.2394



71.8888, 73.8676, 94.4746



15.5827, 16.5995, 20.1043



12.8112, 11.8467, 46.7393



1.1654, 1.1847, 3.9215

Inverse Universe

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



77.0417, 76.4179, 87.0375



85.5546, 84.0384, 96.3962



81.2145, 87.1874, 80.9563



16.1188, 15.8972, 18.1818



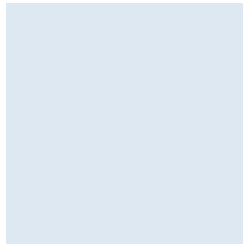
21.7921, 10.9893, 12.0879



1.8632, 0.9343, 1.2703

Previews

White Background



This preview shows how the XYZ color 74.7024, 79.4962, 95.4115 looks on a white background.

Color Contrast Check

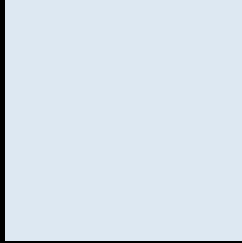
Large Text (above 18pt) WCAG AA × Fail

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 74.7024, 79.4962, 95.4115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

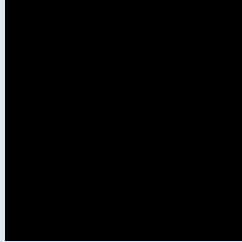
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

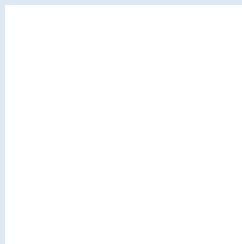
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.7024, 79.4962, 95.4115

Background



This preview shows how black text looks on a background with the XYZ color 74.7024, 79.4962, 95.4115.



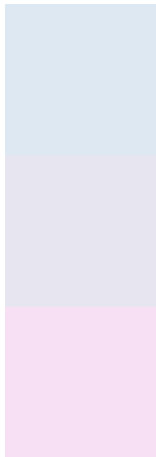
This preview shows how white text looks on a background with the XYZ color 74.7024, 79.4962,

95.4115.

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

74.7024, 79.4962, 95.4115

Protanopia

76.7025, 79.3188, 93.7055

Deuteranopia

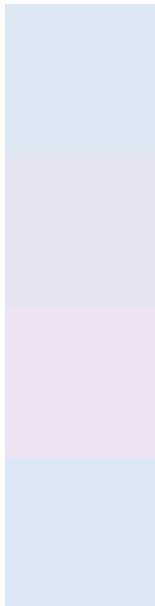
81.3426, 79.6171, 96.6684



Tritanopia

75.7990, 79.5210, 100.9766

Trichromacy



Original Color

74.7024, 79.4962, 95.4115

Protanomaly

75.8526, 79.2754, 94.5229

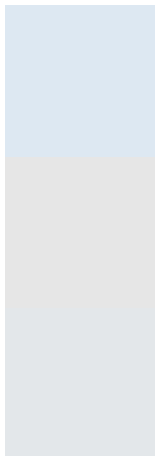
Deuteranomaly

78.9066, 79.5864, 95.9969

Tritanomaly

75.3347, 79.3352, 98.5314

Monochromacy



Original Color

74.7024, 79.4962, 95.4115

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.1058, 79.4232, 89.2136

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7024, 79.4962, 95.4115 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(221, 232, 242)` looks like.

```
.text, #text, p{  
    color:rgb(221, 232, 242)  
}
```

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, 232, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 232, 242) }
```

Border

The CSS property to change the border of an element to XYZ 74.7024, 79.4962, 95.4115 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(221, 232, 242) }
```


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

```
.border{ border-color:rgb(221, 232, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 232, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 232, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 232, 242);  
box-shadow:4px 4px 4px 4px rgb(221, 232,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7024, 79.4962, 95.4115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 232, 242) }
```

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

```
.background{ background-color: rgb(221,  
232, 242) }
```

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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