

Converting Colors

XYZ(74.7618, 79.0466, 95.9227)

Have a look what the booklet for
XYZ(74.7618, 79.0466, 95.9227)
contains.

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Color

**XYZ(74.8778, 79.1525,
96.1255)**

Conversions

Conversions Part 1

Format	Color
Hex	DEE7F3
RGB	222, 231, 243
RGB Percent	87%, 91%, 95%
CMY	0.1294, 0.0941, 0.0471
CMYK	0.09, 0.05, 0.00, 0.05
HSL	214°, 47%, 91%
HSV	214°, 9%, 95%
XYZ	74.8778, 79.1525, 96.1255
YIQ	229.6770, -9.2160, 1.8240

Conversions

Conversions Part 2

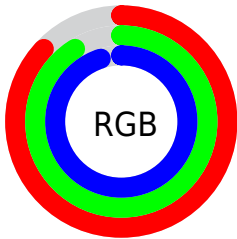
Format	Color
R _Y B	222, 228, 243
Decimal	14608371
CIE Lab	91.30, -0.73, -6.86
CIE LCh	91, 6.895, 263.946
Yxy	79.1525, 0.2993, 0.3164
Android (android.graphics.Color)	4292798451 (0xFFDEE7F3)
YUV	229.6770, 6.5682, -6.7327
Hunter-Lab	88.9677, -5.4627, -1.7827

Details

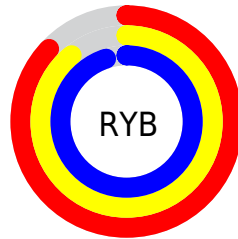
The XYZ color **74.8778, 79.1525, 96.1255** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.5701, 83.1737, 80.9690**, and the grayscale version is **74.9349, 78.8374, 85.8539**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2360, 42.4633, 53.0893** is the 20% darker color. If you saturate the color by 10%, you get **64.2328, 68.1258, 94.5594**, and if you desaturate by 10%, it is **86.9083, 91.3552, 97.8480**.

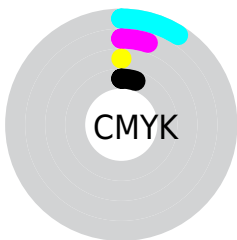
Distribution



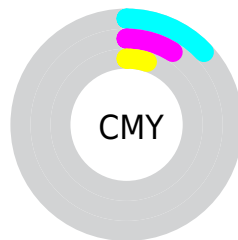
- Red (87%)
- Green (91%)
- Blue (95%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.8778, 79.1525, 96.1255 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 74.8778, 79.1525, 96.1255 by changing the saturation by 10% instead.

■ 74.8778, 79.1525,
96.1255

■ 74.8778, 79.1525,
96.1255

466.5011,
492.0721, 568.8380

■ 55.8066, 59.0212,
72.4700

125.1282,
132.1735, 157.8275

■ 40.2843, 42.6302,
53.0535

157.0381,
165.8320, 196.7112

■ 27.9455, 29.5951,
37.4575

193.9583,
204.7684, 241.5080

■ 18.4248, 19.5314,
25.2634

236.2542,
249.3671, 292.6365

■ 11.3569, 12.0549,
16.0526

284.2910,
300.0124, 350.5152

■ 6.3765, 6.7811,
9.4066

338.4342,

■ 3.1182, 3.3256,

357.0887, 415.5626

4.9069

399.0491,
420.9805, 488.1974

■ 1.2166, 1.3040,
2.1350

■ 0.1194, 0.1443,
0.6365

■ 74.8778, 79.1525,
96.1255

■ 74.8778, 79.1525,
96.1255

■ 64.2328, 68.1258,
94.5594

■ 86.9083, 91.3552,
97.8480

■ 54.9135, 58.2273,
93.1400

■ 93.1779, 99.2512,
99.0416

■ 46.8659, 49.4204,
91.8642

■ 40.0295, 41.6624,
90.7271

■ 34.3383, 34.9076,
89.7233

■ 29.7195, 29.1061,
88.8469

■ 26.0909, 24.2024,
88.0916

■ 23.3564, 20.1334,
87.4504

■ 21.3803, 16.8146,
86.9139

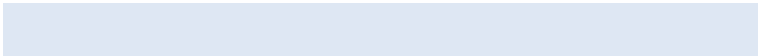
Harmonies

Analogous

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



73.2692, 79.1525, 94.2112



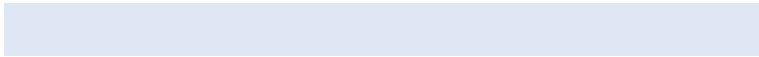
74.8778, 79.1525, 96.1255



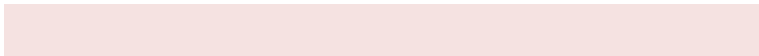
76.6060, 79.1525, 95.2937

Triad

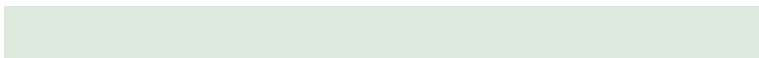
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.8778, 79.1525, 96.1255



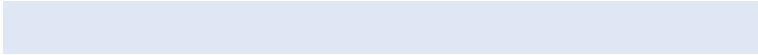
78.3492, 79.1525, 82.3314



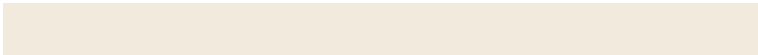
72.5445, 79.1525, 80.6359

Complementary

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



74.8778, 79.1525, 96.1255



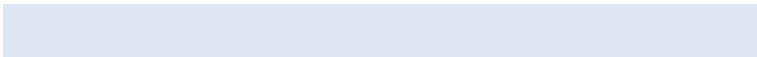
79.5701, 83.1737, 80.9690

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.



73.8747, 79.1525, 77.6735



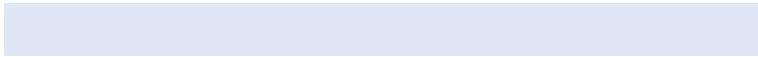
74.8778, 79.1525, 96.1255



77.2297, 79.1525, 78.6255

Square

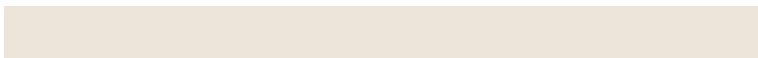
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.8778, 79.1525, 96.1255



78.6278, 79.1525, 87.2038



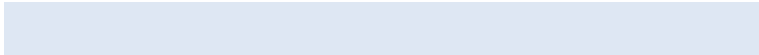
75.5875, 79.1525, 76.9520



71.9356, 79.1525, 85.1714

Rectangle

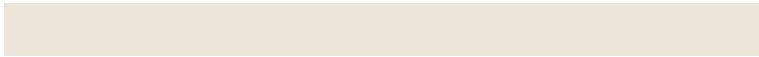
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.8778, 79.1525, 96.1255



77.5913, 79.1525, 93.3093



75.5875, 79.1525, 76.9520



72.9211, 79.1525, 79.4302

Sweetspot

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



74.8801, 79.1558, 96.1273



90.9130, 95.8211, 108.3114



77.0131, 85.5669, 90.2250



19.2276, 20.2750, 23.1500



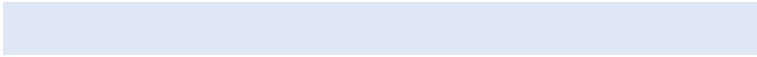
0.0000, 0.0000, 0.0000



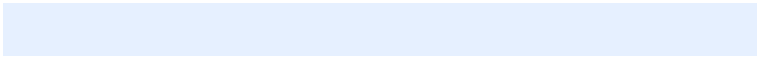
20.3446, 21.4041, 23.3091

Same Dimension

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



74.8801, 79.1558, 96.1273



81.8105, 86.5356, 106.9989



72.8552, 74.4667, 95.3289



16.1654, 17.0950, 20.9902



11.7336, 9.2609, 47.7071



1.1311, 1.0136, 4.2263

Inverse Universe

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



77.5091, 77.0684, 86.3957



85.1904, 83.8927, 94.4784



81.7175, 88.1830, 81.8227



16.7940, 16.6005, 18.6620



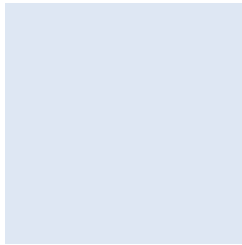
21.7271, 11.0343, 8.5371



1.9600, 0.9900, 1.0157

Previews

White Background



This preview shows how the XYZ color 74.8778, 79.1525, 96.1255 looks on a white background.

Color Contrast Check

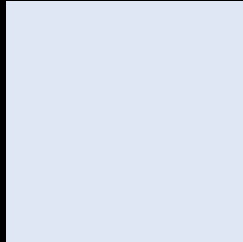
Large Text (above 18pt) WCAG AA × Fail

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 74.8778, 79.1525, 96.1255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

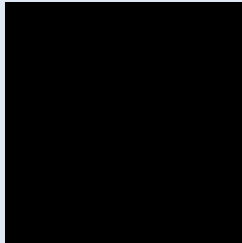
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

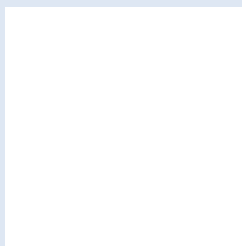
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.8778, 79.1525, 96.1255

Background



This preview shows how black text looks on a background with the XYZ color 74.8778, 79.1525, 96.1255.



This preview shows how white text looks on a background with the XYZ color 74.8778, 79.1525,

96.1255.

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

74.8778, 79.1525, 96.1255

Protanopia

77.0013, 79.4384, 95.2791

Deuteranopia

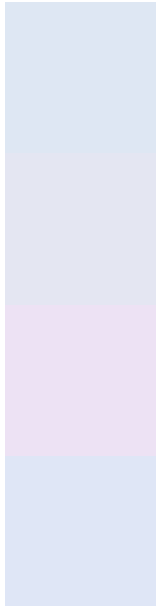
80.5253, 78.7804, 97.3482



Tritanopia

75.6715, 79.0589, 100.0785

Trichromacy



Original Color

74.8778, 79.1525, 96.1255

Protanomaly

76.3187, 79.4984, 95.3267

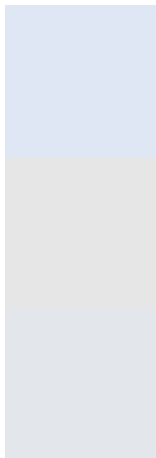
Deuteranomaly

78.4505, 78.9289, 96.6880

Tritanomaly

75.3628, 78.9354, 98.4528

Monochromacy



Original Color

74.8778, 79.1525, 96.1255

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.9708, 78.9227, 89.8795

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8778, 79.1525, 96.1255 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, 231, 243)` looks like.

```
.text, #text, p{  
    color:rgb(222, 231, 243)  
}
```

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, 231, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 231, 243) }
```

Border

The CSS property to change the border of an element to XYZ 74.8778, 79.1525, 96.1255 is called "border". The border property can be set on classes, ids or directly on the HTML element.

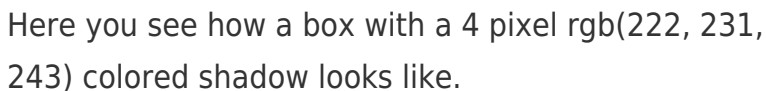
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(222, 231, 243) }
```


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

```
.border{ border-color:rgb(222, 231, 243) }
```

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



Here you see how a box with a 4 pixel `rgb(222, 231, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 231, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 231, 243); box-shadow:4px 4px 4px 4px rgb(222, 231, 243) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8778, 79.1525, 96.1255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 231, 243) }
```

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

```
.background{ background-color: rgb(222,  
231, 243) }
```

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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