

Converting Colors

XYZ(74.2292, 79.2449, 94.9238)

Have a look what the booklet for
XYZ(74.2292, 79.2449, 94.9238)
contains.

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Color

**XYZ(74.2490, 79.2797,
94.6083)**

Conversions

Conversions Part 1

Format	Color
Hex	DCE8F1
RGB	220, 232, 241
RGB Percent	86%, 91%, 95%
CMY	0.1372, 0.0902, 0.0549
CMYK	0.09, 0.04, 0.00, 0.05
HSL	206°, 43%, 90%
HSV	206°, 9%, 95%
XYZ	74.2490, 79.2797, 94.6083
YIQ	229.4380, -10.0410, 0.2550

Conversions

Conversions Part 2

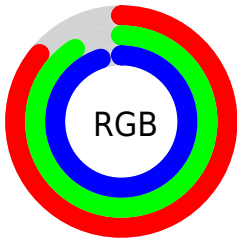
Format	Color
R _Y B	220, 228, 241
Decimal	14477553
CIE Lab	91.36, -2.27, -5.74
CIE LCh	91, 6.176, 248.423
Yxy	79.2797, 0.2992, 0.3195
Android (android.graphics.Color)	4292667633 (0xFFDCE8F1)
YUV	229.4380, 5.7001, -8.2771
Hunter-Lab	89.0391, -6.9689, -0.6710

Details

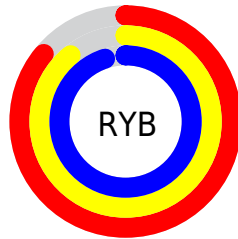
The XYZ color **74.2490, 79.2797, 94.6083** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.2136, 79.9063, 79.0654**, and the grayscale version is **74.7652, 78.6588, 85.6595**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7993, 42.5528, 52.0148** is the 20% darker color. If you saturate the color by 10%, you get **64.6533, 70.1464, 93.3524**, and if you desaturate by 10%, it is **85.0716, 89.3032, 95.9739**.

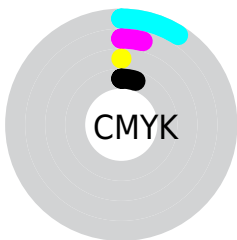
Distribution



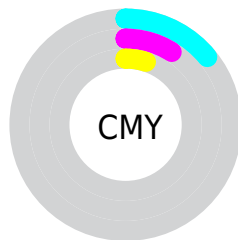
- Red (86%)
- Green (91%)
- Blue (95%)



- Red (86%)
- Yellow (89%)
- Blue (95%)



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



- Cyan (14%)
- Magenta (9%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.2490, 79.2797, 94.6083 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 74.2490, 79.2797, 94.6083 by changing the saturation by 10% instead.

■ 74.2490, 79.2797,
94.6083

■ 74.2490, 79.2797,
94.6083

464.3694,
492.5020, 563.8625

■ 55.2899, 59.1258,
71.2139

124.2423,
132.3525, 155.7143

■ 39.8686, 42.7144,
52.0339

156.0072,
166.0403, 194.2629

■ 27.6199, 29.6611,
36.6497

192.7714,
205.0081, 238.7001

■ 18.1783, 19.5815,
24.6427

234.9003,
249.6404, 289.4443

■ 11.1785, 12.0912,
15.5945

282.7591,
300.3215, 346.9141

■ 6.2552, 6.8058,
9.0864

336.7134,

■ 3.0430, 3.3410,

357.4359, 411.5281

4.7000

397.1283,
421.3680, 483.7047

■ 1.1766, 1.3122,
2.0167

■ 0.0877, 0.1506,
0.5655

■ 74.2490, 79.2797,
94.6083

■ 74.2490, 79.2797,
94.6083

■ 64.6533, 70.1464,
93.3524

■ 85.0716, 89.3032,
95.9739

■ 56.2299, 61.8645,
92.1978

■ 92.1338, 97.6438,
97.2115

■ 48.9300, 54.4066,
91.1430

■ 92.8774, 99.1310,
97.4594

■ 42.6988, 47.7398,
90.1846

■ 37.4762, 41.8285,
89.3189

■ 33.1958, 36.6335,
88.5417

■ 29.7821, 32.1111,
87.8487

■ 27.1466, 28.2104,
87.2347

■ 25.1607, 24.8598,
86.6927

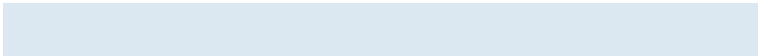
Harmonies

Analogous

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



73.0141, 79.2797, 91.8035



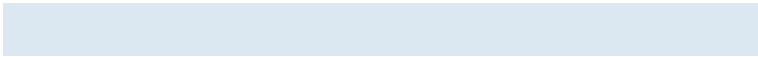
74.2490, 79.2797, 94.6083



75.7957, 79.2797, 95.1539

Triad

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



74.2490, 79.2797, 94.6083



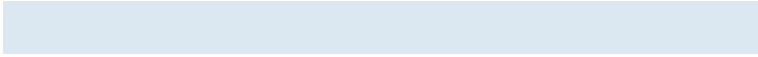
78.3768, 79.2797, 85.0627



73.4937, 79.2797, 79.7287

Complementary

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



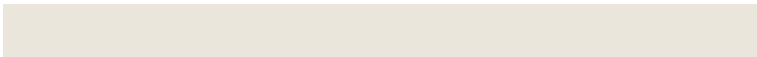
74.2490, 79.2797, 94.6083



77.2136, 79.9063, 79.0654

Split Complementary

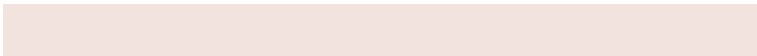
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.9119, 79.2797, 78.0545



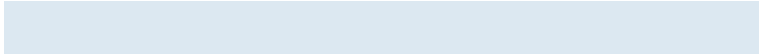
74.2490, 79.2797, 94.6083



77.7412, 79.2797, 81.0634

Square

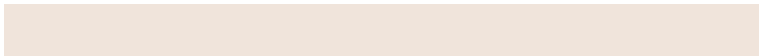
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



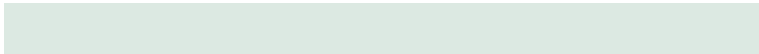
74.2490, 79.2797, 94.6083



78.1933, 79.2797, 89.5385



76.4678, 79.2797, 78.5345



72.5823, 79.2797, 83.1837

Rectangle

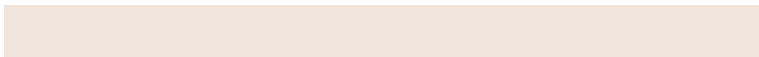
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.2490, 79.2797, 94.6083



76.7980, 79.2797, 94.1455



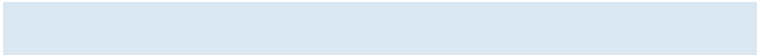
76.4678, 79.2797, 78.5345



73.9262, 79.2797, 78.9446

Sweetspot

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



74.2513, 79.2830, 94.6101



91.2547, 96.5046, 108.4253



75.0798, 83.7708, 86.1595



19.3198, 20.4594, 23.1807



0.0000, 0.0000, 0.0000



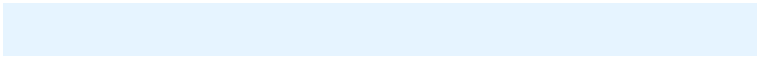
20.3446, 21.4041, 23.3091

Same Dimension

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



74.2513, 79.2830, 94.6101



82.8963, 88.7072, 107.3608



71.4487, 73.6778, 93.6759



15.6473, 16.7288, 20.1259



13.6556, 13.5355, 47.0208



1.2345, 1.3231, 3.9445

Inverse Universe

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



76.4361, 75.7150, 86.9336



85.7385, 84.1120, 97.3644



80.1350, 85.7489, 80.0392



16.1514, 15.9103, 18.3537



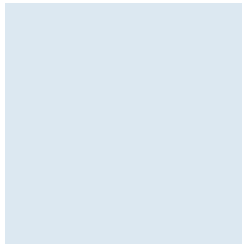
22.2184, 11.1598, 14.3323



1.8981, 0.9483, 1.4542

Previews

White Background



This preview shows how the XYZ color 74.2490, 79.2797, 94.6083 looks on a white background.

Color Contrast Check

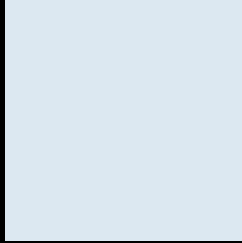
Large Text (above 18pt) WCAG AA × Fail

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 74.2490, 79.2797, 94.6083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

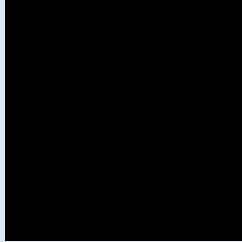
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

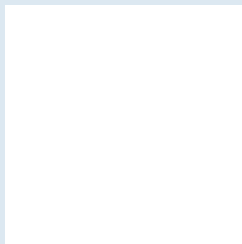
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.2490, 79.2797, 94.6083

Background



This preview shows how black text looks on a background with the XYZ color 74.2490, 79.2797, 94.6083.

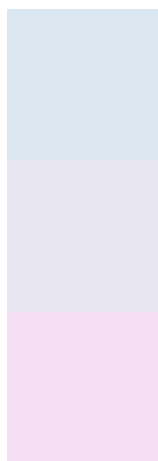


This preview shows how white text looks on a background with the XYZ color 74.2490, 79.2797,

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

74.2490, 79.2797, 94.6083

Protanopia

76.5543, 79.2595, 92.9251

Deuteranopia

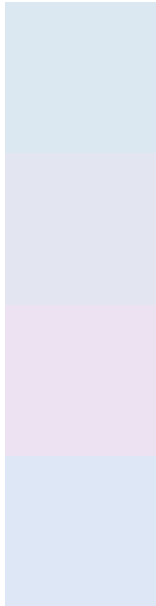
80.9231, 79.0206, 95.7814



Tritanopia

75.4936, 79.3635, 100.9623

Trichromacy



Original Color

74.2490, 79.2797, 94.6083

Protanomaly

75.7035, 79.2158, 93.7382

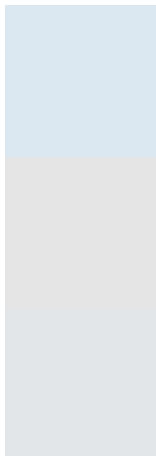
Deuteranomaly

78.1484, 78.8080, 95.0970

Tritanomaly

75.0293, 79.1778, 98.5172

Monochromacy



Original Color

74.2490, 79.2797, 94.6083

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.3688, 78.6456, 88.3513

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2490, 79.2797, 94.6083 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(220, 232, 241)` looks like.

```
.text, #text, p{  
    color:rgb(220, 232, 241)  
}
```

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(220, 232, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 232, 241) }
```

Border

The CSS property to change the border of an element to XYZ 74.2490, 79.2797, 94.6083 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(220, 232, 241) }
```


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

```
.border{ border-color:rgb(220, 232, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 232, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 232, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 232, 241);  
box-shadow:4px 4px 4px 4px rgb(220, 232,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2490, 79.2797, 94.6083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 232, 241) }
```

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

```
.background{ background-color: rgb(220,  
232, 241) }
```

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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