

Converting Colors

XYZ(73.4705, 78.6071, 94.4854)

Have a look what the booklet for
XYZ(73.4705, 78.6071, 94.4854)
contains.

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Color

**XYZ(73.3665, 78.4081,
94.4865)**

Conversions

Conversions Part 1

Format	Color
Hex	DAE7F1
RGB	218, 231, 241
RGB Percent	85%, 91%, 95%
CMY	0.1451, 0.0941, 0.0549
CMYK	0.10, 0.04, 0.00, 0.05
HSL	206°, 45%, 90%
HSV	206°, 10%, 95%
XYZ	73.3665, 78.4081, 94.4865
YIQ	228.2530, -10.9580, 0.3540

Conversions

Conversions Part 2

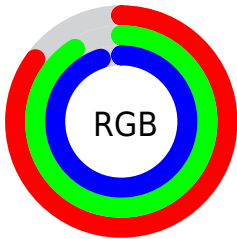
Format	Color
R _Y B	218, 226, 241
Decimal	14346225
CIE Lab	90.97, -2.40, -6.34
CIE LCh	91, 6.781, 249.266
Yxy	78.4081, 0.2979, 0.3184
Android (android.graphics.Color)	4292536305 (0xFFDAE7F1)
YUV	228.2530, 6.2843, -8.9919
Hunter-Lab	88.5483, -7.0639, -1.2822

Details

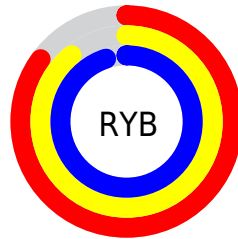
The XYZ color **73.3665, 78.4081, 94.4865** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.6742, 79.2490, 77.5864**, and the grayscale version is **73.8910, 77.7391, 84.6579**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1912, 41.9493, 51.9304** is the 20% darker color. If you saturate the color by 10%, you get **63.8330, 69.2726, 93.2269**, and if you desaturate by 10%, it is **84.1279, 88.4413, 95.8571**.

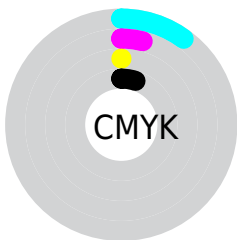
Distribution



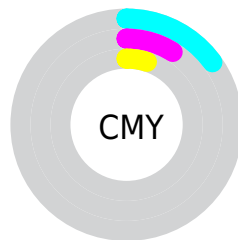
- Red (85%)
- Green (91%)
- Blue (95%)



- Red (85%)
- Yellow (89%)
- Blue (95%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (5%)



- Cyan (15%)
- Magenta (9%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.3665, 78.4081, 94.4865 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 73.3665, 78.4081, 94.4865 by changing the saturation by 10% instead.

■ 73.3665, 78.4081,
94.4865

■ 73.3665, 78.4081,
94.4865

461.3682,
489.5517, 563.4620

■ 54.5651, 58.4093,
71.1131

122.9977,
131.1253, 155.5445

■ 39.2861, 42.1378,
51.9521

154.5582,
164.6124, 194.0661

■ 27.1641, 29.2092,
36.5849

191.1026,
203.3644, 238.4743

■ 17.8337, 19.2391,
24.5930

232.9960,
247.7657, 289.1876

■ 10.9297, 11.8432,
15.5579

280.6039,
298.2007, 346.6245

■ 6.0865, 6.6370,
9.0609

334.2917,

■ 2.9389, 3.2361,

355.0538, 411.2035

4.6836

394.4247,
418.7093, 483.3431

■ 1.1215, 1.2562,
2.0073

■ 0.0430, 0.1069,
0.5598

■ 73.3665, 78.4081,
94.4865

■ 73.3665, 78.4081,
94.4865

■ 63.8330, 69.2726,
93.2269

■ 84.1279, 88.4413,
95.8571

■ 55.4725, 60.9956,
92.0699

■ 91.9135, 97.2032,
97.1380

■ 48.2358, 53.5494,
91.0140

■ 92.8774, 99.1310,
97.4593

■ 42.0676, 46.9004,
90.0558

■ 36.9071, 41.0127,
89.1913

■ 32.6872, 35.8464,
88.4165

■ 29.3313, 31.3569,
87.7268

■ 26.7493, 27.4922,
87.1170

■ 24.7989, 24.1735,
86.5792

Harmonies

Analogous

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



72.0077, 78.4081, 91.4731



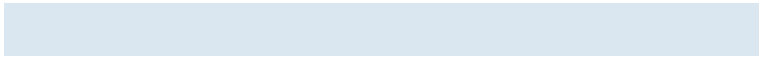
73.3665, 78.4081, 94.4865



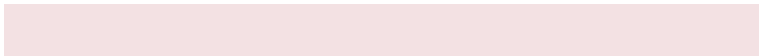
75.0553, 78.4081, 95.0085

Triad

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



73.3665, 78.4081, 94.4865



77.8171, 78.4081, 83.8657



72.4627, 78.4081, 78.2879

Complementary

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



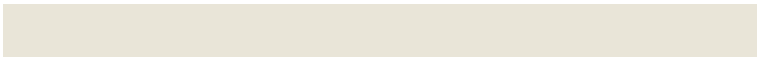
73.3665, 78.4081, 94.4865



76.6742, 79.2490, 77.5864

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.



73.9963, 78.4081, 76.4122



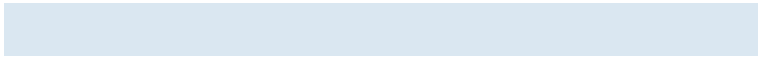
73.3665, 78.4081, 94.4865



77.0994, 78.4081, 79.5505

Square

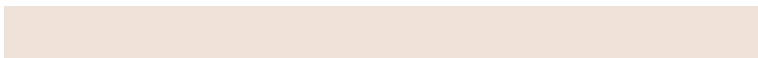
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.3665, 78.4081, 94.4865



77.6422, 78.4081, 88.7506



75.6947, 78.4081, 76.8654



71.4915, 78.4081, 82.0824

Rectangle

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



73.3665, 78.4081, 94.4865



76.1436, 78.4081, 93.8544



75.6947, 78.4081, 76.8654



72.9286, 78.4081, 77.4188

Sweetspot

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



73.3688, 78.4114, 94.4882



91.2398, 96.4747, 108.4204



74.3690, 83.4169, 85.5572



19.3158, 20.4513, 23.1794



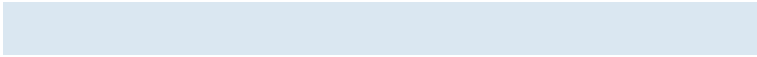
0.0000, 0.0000, 0.0000



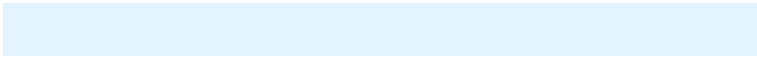
20.3446, 21.4041, 23.3091

Same Dimension

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



73.3688, 78.4114, 94.4882



81.7061, 87.5294, 107.1962



70.2628, 72.1994, 93.4529



15.6389, 16.7118, 20.1231



13.5402, 13.3047, 46.9823



1.2252, 1.3044, 3.9414

Inverse Universe

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



75.7726, 74.6147, 86.0135



84.8442, 82.6303, 96.1200



79.9350, 85.7706, 78.6733



16.1472, 15.9086, 18.3311



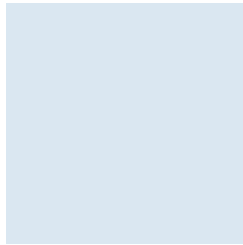
22.1601, 11.1365, 14.0255



1.8934, 0.9464, 1.4293

Previews

White Background



This preview shows how the XYZ color 73.3665, 78.4081, 94.4865 looks on a white background.

Color Contrast Check

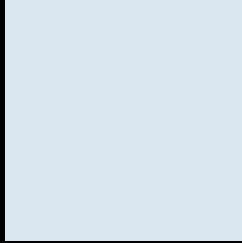
Large Text (above 18pt) WCAG AA × Fail

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 73.3665, 78.4081, 94.4865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

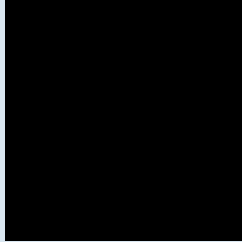
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

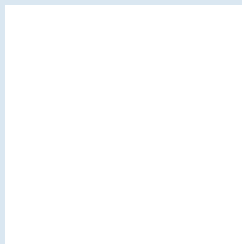
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.3665, 78.4081, 94.4865

Background



This preview shows how black text looks on a background with the XYZ color 73.3665, 78.4081, 94.4865.

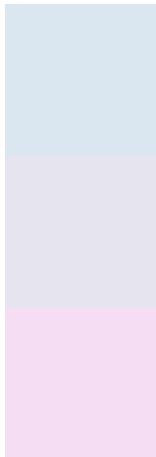


This preview shows how white text looks on a background with the XYZ color 73.3665, 78.4081,

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

73.3665, 78.4081, 94.4865

Protanopia

75.9565, 78.5418, 92.8181

Deuteranopia

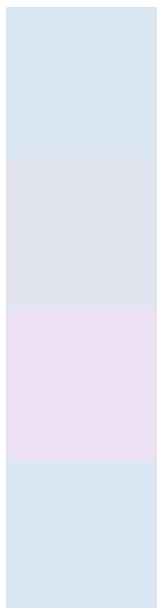
79.9551, 78.1261, 95.6598



Tritanopia

74.4535, 78.4310, 100.0215

Trichromacy



Original Color

73.3665, 78.4081, 94.4865

Protanomaly

75.1115, 78.4986, 93.6310

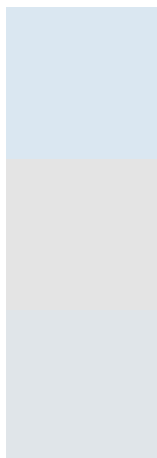
Deuteranomaly

77.2132, 77.9234, 94.9755

Tritanomaly

73.9917, 78.2463, 97.5895

Monochromacy



Original Color

73.3665, 78.4081, 94.4865

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.4678, 77.7691, 88.2296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3665, 78.4081, 94.4865 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(218, 231, 241)` looks like.

```
.text, #text, p{  
    color:rgb(218, 231, 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(218, 231, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 231, 241) }
```

Border

The CSS property to change the border of an element to XYZ 73.3665, 78.4081, 94.4865 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(218, 231, 241) }
```


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

```
.border{ border-color:rgb(218, 231, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 231, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 231, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 231, 241);  
box-shadow:4px 4px 4px 4px rgb(218, 231,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3665, 78.4081, 94.4865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 231, 241) }
```

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

```
.background{ background-color: rgb(218,  
231, 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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