

Converting Colors

XYZ(74.4110, 81.8077, 94.0732)

Have a look what the booklet for
XYZ(74.4110, 81.8077, 94.0732)
contains.

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Color

**XYZ(74.6216, 82.0393,
94.3403)**

Conversions

Conversions Part 1

Format	Color
Hex	D8EEF0
RGB	216, 238, 240
RGB Percent	85%, 93%, 94%
CMY	0.1529, 0.0666, 0.0588
CMYK	0.10, 0.01, 0.00, 0.06
HSL	185°, 44%, 89%
HSV	185°, 10%, 94%
XYZ	74.6216, 82.0393, 94.3403
YIQ	231.6500, -13.7540, -4.0420

Conversions

Conversions Part 2

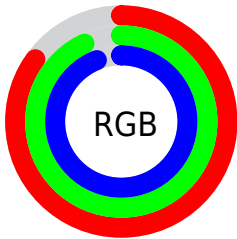
Format	Color
R _Y B	216, 227, 240
Decimal	14216944
CIE Lab	92.59, -6.81, -3.44
CIE LCh	93, 7.629, 206.794
Yxy	82.0393, 0.2973, 0.3268
Android (android.graphics.Color)	4292407024 (0xFFD8EEF0)
YUV	231.6500, 4.1166, -13.7250
Hunter-Lab	90.5755, -11.4481, 1.6485

Details

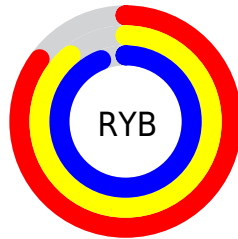
The XYZ color **74.6216, 82.0393, 94.3403** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.4016, 73.6254, 75.3095**, and the grayscale version is **76.4197, 80.3995, 87.5550**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0776, 44.4937, 51.8232** is the 20% darker color. If you saturate the color by 10%, you get **67.4651, 77.4941, 93.8415**, and if you desaturate by 10%, it is **82.8249, 87.1382, 94.8934**.

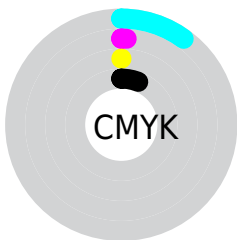
Distribution



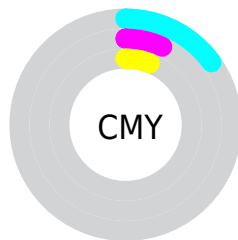
- Red (85%)
- Green (93%)
- Blue (94%)



- Red (85%)
- Yellow (89%)
- Blue (94%)



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (6%)



- Cyan (15%)
- Magenta (7%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.6216, 82.0393, 94.3403 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 74.6216, 82.0393, 94.3403 by changing the saturation by 10% instead.

■ 74.6216, 82.0393,
94.3403

■ 74.6216, 82.0393,
94.3403

465.6332,
501.7791, 562.9812

■ 55.5960, 61.3979,
70.9922

124.7674,
136.2291, 155.3406

■ 40.1149, 44.5464,
51.8540

156.6182,
170.5463, 193.8299

■ 27.8127, 31.1003,
36.5073

193.4750,
210.1910, 238.2033

■ 18.3243, 20.6752,
24.5334

235.7028,
255.5474, 288.8794

■ 11.2841, 12.8868,
15.5140

283.6672,
307.0001, 346.2766

■ 6.3270, 7.3507,
9.0303

337.7335,

■ 3.0874, 3.6823,

364.9333, 410.8137

4.6638

398.2671,
429.7315, 482.9090

■ 1.2002, 1.4975,
1.9961

■ 0.1065, 0.2870,
0.5529

■ 74.6216, 82.0393,
94.3403

■ 74.6216, 82.0393,
94.3403

■ 67.4651, 77.4941,
93.8415

■ 82.8249, 87.1382,
94.8934

■ 61.3036, 73.4691,
93.3893

■ 88.7200, 91.0545,
95.3386

■ 56.0914, 69.9430,
92.9834

■ 89.3175, 92.2495,
95.5378

■ 51.7766, 66.8891,
92.6214

■ 89.9215, 93.4574,
95.7391

48.3022, 64.2778,
92.3005

90.5320, 94.6784,
95.9426

45.6046, 62.0764,
92.0177

91.1490, 95.9125,
96.1483

43.6112, 60.2474,
91.7697

91.7726, 97.1598,
96.3562

42.2354, 58.7461,
91.5525

92.4028, 98.4202,
96.5662

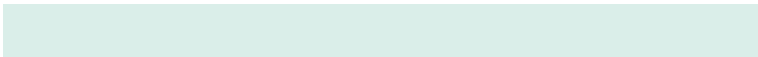
41.3315, 57.4975,
91.3591

92.7284, 99.0714,
96.6748

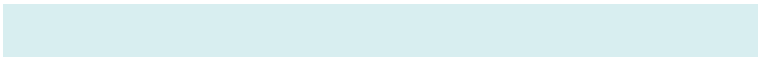
Harmonies

Analogous

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



74.2305, 82.0393, 88.7174



74.6216, 82.0393, 94.3403



75.9063, 82.0393, 98.7787

Triad

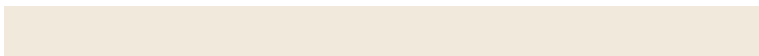
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.6216, 82.0393, 94.3403



81.2099, 82.0393, 95.4417



78.1894, 82.0393, 78.8615

Complementary

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



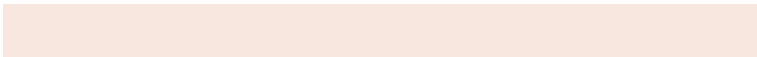
74.6216, 82.0393, 94.3403



73.4016, 73.6254, 75.3095

Split Complementary

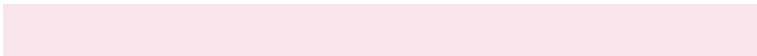
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.0828, 82.0393, 80.4980



74.6216, 82.0393, 94.3403



81.8452, 82.0393, 89.9390

Square

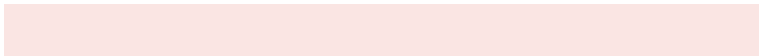
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.6216, 82.0393, 94.3403



79.7073, 82.0393, 99.4333



81.4292, 82.0393, 84.4942



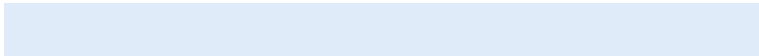
76.2697, 82.0393, 79.9295

Rectangle

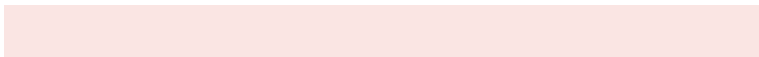
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



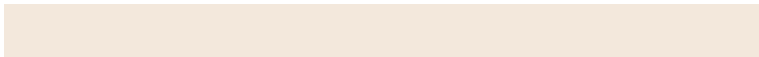
74.6216, 82.0393, 94.3403



77.1080, 82.0393, 100.3854



81.4292, 82.0393, 84.4942



78.8503, 82.0393, 79.1118

Sweetspot

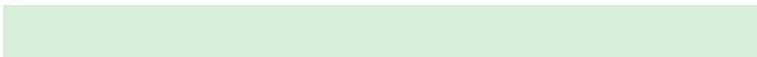
The Sweet Spot groups the original color and five complimentary colors.



74.6240, 82.0427, 94.3421



92.0887, 98.1725, 108.7033



72.0829, 81.9615, 78.0778



19.5454, 20.9105, 23.2559



0.0000, 0.0000, 0.0000



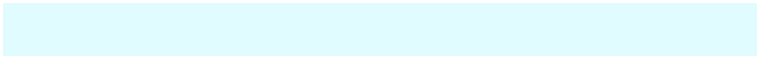
20.3446, 21.4041, 23.3091

Same Dimension

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



74.6240, 82.0427, 94.3421



83.8679, 93.0380, 108.1456



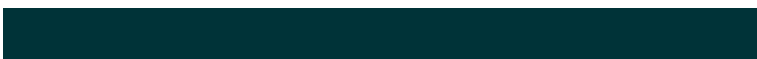
71.3536, 75.5021, 93.2520



16.1283, 17.6908, 20.2862



22.6730, 31.5703, 50.0266



1.9191, 2.6922, 4.1727

Inverse Universe

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



75.9255, 73.8116, 91.1384



85.6461, 81.8437, 103.7570



76.5168, 79.8558, 76.3478



16.3942, 16.0074, 19.6322



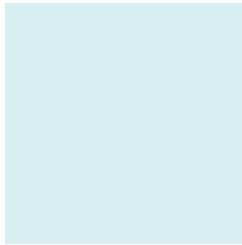
26.7699, 12.9804, 38.3005



2.2436, 1.0865, 3.2738

Previews

White Background



This preview shows how the XYZ color 74.6216, 82.0393, 94.3403 looks on a white background.

Color Contrast Check

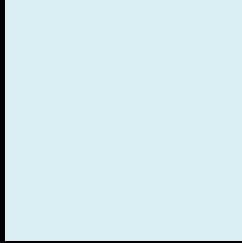
Large Text (above 18pt) WCAG AA × Fail

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 74.6216, 82.0393, 94.3403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

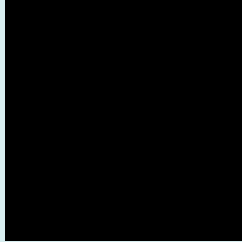
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

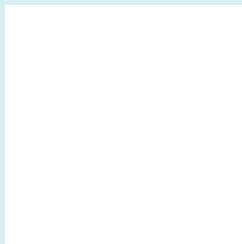
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.6216, 82.0393, 94.3403

Background



This preview shows how black text looks on a background with the XYZ color 74.6216, 82.0393, 94.3403.



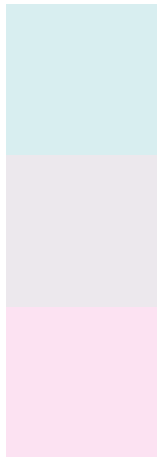
This preview shows how white text looks on a background with the XYZ color 74.6216, 82.0393,

94.3403.

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

74.6216, 82.0393, 94.3403

Protanopia

78.7347, 81.6605, 91.7331

Deuteranopia

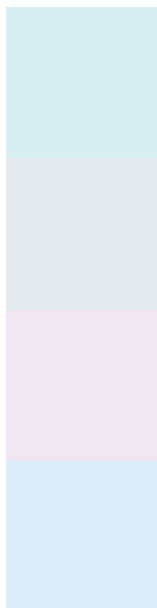
83.3683, 81.4990, 95.3413



Tritanopia

77.0983, 82.2067, 105.5699

Trichromacy



Original Color

74.6216, 82.0393, 94.3403

Protanomaly

77.1685, 81.6767, 92.5869

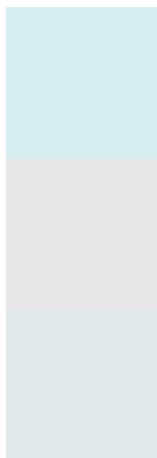
Deuteranomaly

79.7706, 81.2952, 94.7063

Tritanomaly

76.2965, 82.3134, 101.4893

Monochromacy



Original Color

74.6216, 82.0393, 94.3403

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.7822, 81.0125, 90.2401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6216, 82.0393, 94.3403 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(216, 238, 240)` looks like.

```
.text, #text, p{  
    color:rgb(216, 238, 240)  
}
```

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(216, 238, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 238, 240) }
```

Border

The CSS property to change the border of an element to XYZ 74.6216, 82.0393, 94.3403 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(216, 238, 240) }
```


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

```
.border{ border-color:rgb(216, 238, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 238, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 238, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 238, 240); box-shadow:4px 4px 4px 4px rgb(216, 238, 240) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6216, 82.0393, 94.3403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 238, 240) }
```

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

```
.background{ background-color: rgb(216,  
238, 240) }
```

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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