

Converting Colors

XYZ(74.6274, 82.1084, 96.1395)

Have a look what the booklet for
XYZ(74.6274, 82.1084, 96.1395)
contains.

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Color

**XYZ(74.6259, 82.0069,
95.9001)**

Conversions

Conversions Part 1

Format	Color
Hex	D7EEF2
RGB	215, 238, 242
RGB Percent	84%, 93%, 95%
CMY	0.1569, 0.0666, 0.0510
CMYK	0.11, 0.02, 0.00, 0.05
HSL	189°, 51%, 90%
HSV	189°, 11%, 95%
XYZ	74.6259, 82.0069, 95.9001
YIQ	231.5790, -14.9920, -3.6320

Conversions

Conversions Part 2

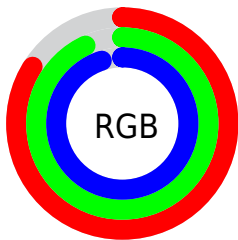
Format	Color
R _{YB}	215, 227, 242
Decimal	14151410
CIE _{Lab}	92.58, -6.74, -4.51
CIE _{LCh}	93, 8.109, 213.782
Yxy	82.0069, 0.2955, 0.3247
Android (android.graphics.Color)	4292341490 (0xFFD7EEF2)
YUV	231.5790, 5.1376, -14.5398
Hunter-Lab	90.5577, -11.3793, 0.6026

Details

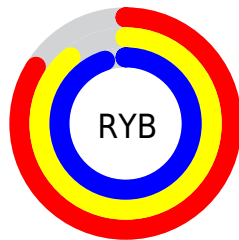
The XYZ color **74.6259, 82.0069, 95.9001** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.2158, 74.4464, 74.7495**, and the grayscale version is **76.3599, 80.3366, 87.4866**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0881, 44.4747, 52.9260** is the 20% darker color. If you saturate the color by 10%, you get **67.0067, 76.5483, 95.2493**, and if you desaturate by 10%, it is **83.3217, 88.0557, 96.6106**.

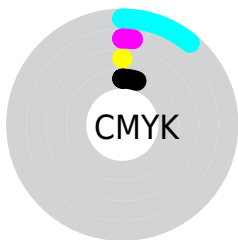
Distribution



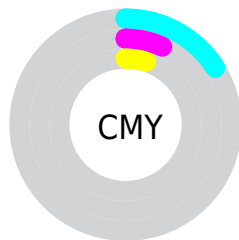
- Red (84%)
- Green (93%)
- Blue (95%)



- Red (84%)
- Yellow (89%)
- Blue (95%)



- Cyan (11%)
- Magenta (2%)
- Yellow (0%)
- Black (5%)



- Cyan (16%)
- Magenta (7%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.6259, 82.0069, 95.9001 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 74.6259, 82.0069, 95.9001 by changing the saturation by 10% instead.

■ 74.6259, 82.0069,
95.9001

■ 74.6259, 82.0069,
95.9001

465.6478,
501.6708, 568.1003

■ 55.5996, 61.3712,
72.2833

124.7734,
136.1837, 157.5138

■ 40.1177, 44.5248,
52.9019

156.6253,
170.4936, 196.3478

■ 27.8149, 31.0833,
37.3373

193.4831,
210.1303, 241.0913

■ 18.3259, 20.6623,
25.1709

235.7121,
255.4783, 292.1629

■ 11.2854, 12.8774,
15.9843

283.6777,
306.9220, 349.9810

■ 6.3278, 7.3442,
9.3588

337.7453,

■ 3.0880, 3.6783,

364.8457, 414.9643

4.8759

398.2802,
429.6338, 487.5312

■ 1.2005, 1.4953,
2.1172

■ 0.1067, 0.2854,
0.6260

■ 74.6259, 82.0069,
95.9001

■ 74.6259, 82.0069,
95.9001

■ 67.0067, 76.5483,
95.2493

■ 83.3217, 88.0557,
96.6106

■ 60.4110, 71.6457,
94.6507

■ 89.9710, 93.0783,
97.2296

■ 54.7915, 67.2769,
94.1036

■ 91.0663, 95.2689,
97.5947

■ 50.0946, 63.4139,
93.6055

■ 92.1826, 97.5017,
97.9668

■ 46.2613, 60.0263,
93.1537

■ 93.0273, 99.1909,
98.2484

■ 43.2259, 57.0799,
92.7450

■ 40.9126, 54.5355,
92.3758

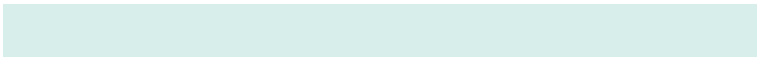
■ 39.2308, 52.3462,
92.0418

■ 38.1417, 50.6399,
91.7699

Harmonies

Analogous

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



73.9719, 82.0069, 90.0592



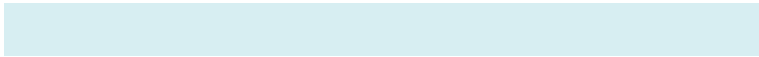
74.6259, 82.0069, 95.9001



76.1689, 82.0069, 100.1109

Triad

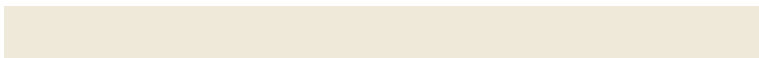
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.6259, 82.0069, 95.9001



81.6366, 82.0069, 94.5164



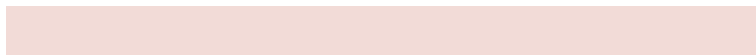
77.6781, 82.0069, 78.2068

Complementary

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



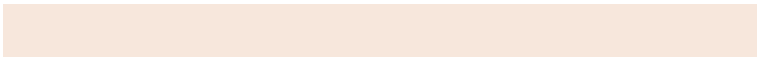
74.6259, 82.0069, 95.9001



74.2158, 74.4464, 74.7495

Split Complementary

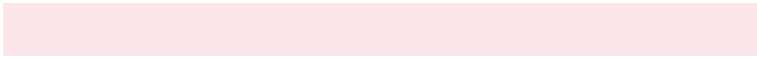
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.7487, 82.0069, 79.2813



74.6259, 82.0069, 95.9001



82.0581, 82.0069, 88.5283

Square

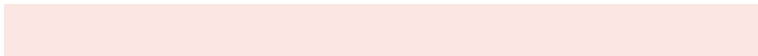
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.6259, 82.0069, 95.9001



80.2197, 82.0069, 99.2871



81.3613, 82.0069, 82.9938



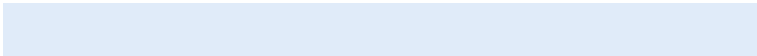
75.7139, 82.0069, 79.9905

Rectangle

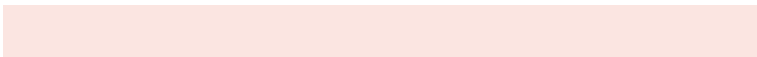
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



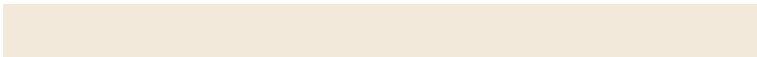
74.6259, 82.0069, 95.9001



77.5071, 82.0069, 101.3305



81.3613, 82.0069, 82.9938



78.3847, 82.0069, 78.2461

Sweetspot

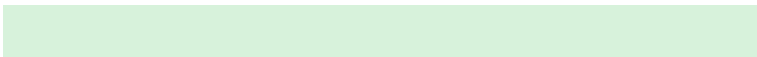
The Sweet Spot groups the original color and five complimentary colors.



74.6283, 82.0103, 95.9019



91.9311, 97.8575, 108.6508



72.5115, 83.0462, 78.9514



19.5027, 20.8252, 23.2417



0.0000, 0.0000, 0.0000



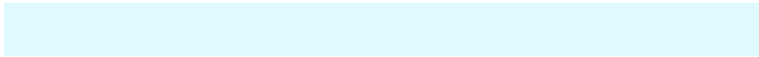
20.3446, 21.4041, 23.3091

Same Dimension

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



74.6283, 82.0103, 95.9019



82.3428, 91.1549, 107.8625



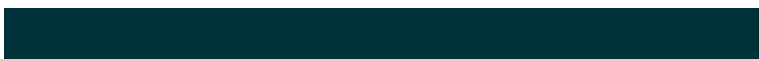
70.9510, 74.6558, 94.6762



16.0364, 17.5069, 20.2556



20.5693, 27.3629, 49.3253



1.7649, 2.3837, 4.1213

Inverse Universe

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



76.3529, 73.6529, 91.0850



84.5914, 80.3309, 101.5659



77.7698, 81.5545, 75.9342



16.3478, 15.9888, 19.3877



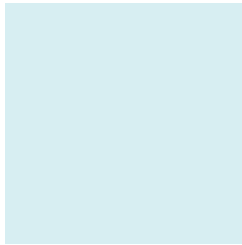
25.7081, 12.5557, 32.7089



2.1658, 1.0554, 2.8638

Previews

White Background



This preview shows how the XYZ color 74.6259, 82.0069, 95.9001 looks on a white background.

Color Contrast Check

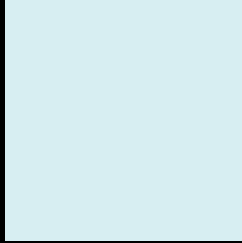
Large Text (above 18pt) WCAG AA × Fail

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 74.6259, 82.0069, 95.9001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

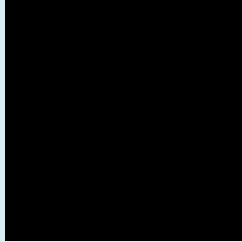
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

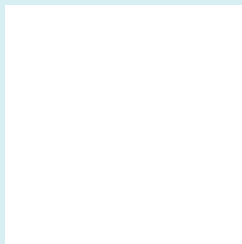
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.6259, 82.0069, 95.9001

Background



This preview shows how black text looks on a background with the XYZ color 74.6259, 82.0069, 95.9001.



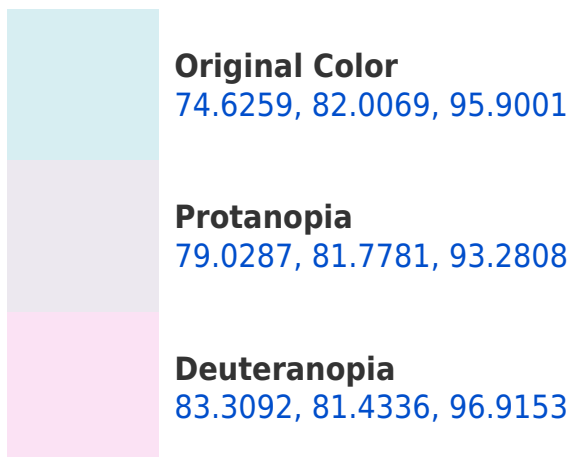
This preview shows how white text looks on a background with the XYZ color 74.6259, 82.0069,

95.9001.

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

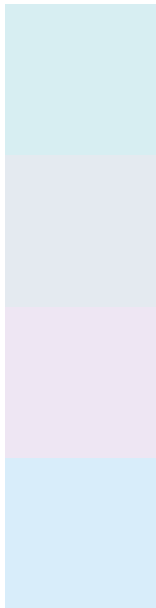




Tritanopia

76.6607, 81.9626, 106.3877

Trichromacy



Original Color

74.6259, 82.0069, 95.9001

Protanomaly

77.1459, 81.6309, 94.1284

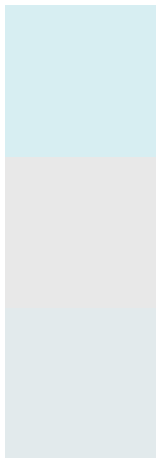
Deuteranomaly

79.7344, 81.2418, 96.2728

Tritanomaly

75.8584, 82.0694, 102.2853

Monochromacy



Original Color

74.6259, 82.0069, 95.9001

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.9272, 81.0705, 91.0033

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6259, 82.0069, 95.9001 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(215, 238, 242)` looks like.

```
.text, #text, p{  
    color:rgb(215, 238, 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(215, 238, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 238, 242) }
```

Border

The CSS property to change the border of an element to XYZ 74.6259, 82.0069, 95.9001 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(215, 238, 242) }
```


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

```
.border{ border-color:rgb(215, 238, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 238, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 238, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 238, 242);  
box-shadow:4px 4px 4px 4px rgb(215, 238,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6259, 82.0069, 95.9001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 238, 242) }
```

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

```
.background{ background-color: rgb(215,  
238, 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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