

Converting Colors

XYZ(74.6221, 82.5408, 91.3559)

Have a look what the booklet for
XYZ(74.6221, 82.5408, 91.3559)
contains.

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Color

**XYZ(74.6221, 82.5408,
91.3559)**

Conversions

Conversions Part 1

Format	Color
Hex	D9EFEC
RGB	217, 239, 236
RGB Percent	85%, 94%, 93%
CMY	0.1490, 0.0627, 0.0745
CMYK	0.09, 0.00, 0.01, 0.06
HSL	172°, 41%, 89%
HSV	172°, 9%, 94%
XYZ	74.6221, 82.5408, 91.3559
YIQ	232.0800, -12.1490, -5.5970

Conversions

Conversions Part 2

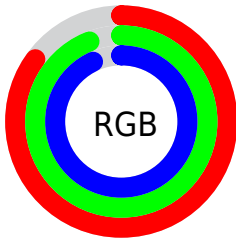
Format	Color
R _Y B	217, 229, 239
Decimal	14282732
CIE Lab	92.81, -7.76, -1.03
CIE LCh	93, 7.829, 187.533
Yxy	82.5408, 0.3003, 0.3321
Android (android.graphics.Color)	4292472812 (0xFFD9EFEC)
YUV	232.0800, 1.9326, -13.2252
Hunter-Lab	90.8520, -12.3783, 3.9775

Details

The XYZ color **74.6221, 82.5408, 91.3559** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.3307, 73.1459, 77.9675**, and the grayscale version is **76.7561, 80.7534, 87.9404**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0720, 44.8436, 49.7237** is the 20% darker color. If you saturate the color by 10%, you get **67.5570, 78.9551, 88.5750**, and if you desaturate by 10%, it is **82.7294, 86.6673, 94.2343**.

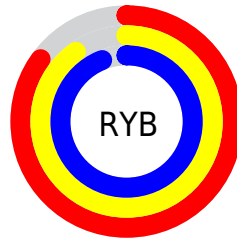
Distribution



Red (85%)

Green (94%)

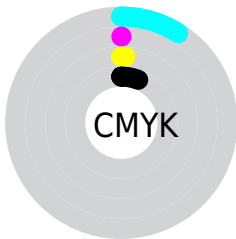
Blue (93%)



Red (85%)

Yellow (90%)

Blue (94%)

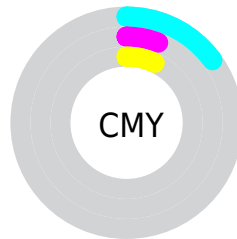


Cyan (9%)

Magenta (0%)

Yellow (1%)

Black (6%)



Cyan (15%)

Magenta (6%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.6221, 82.5408, 91.3559 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 74.6221, 82.5408, 91.3559 by changing the saturation by 10% instead.

74.6221, 82.5408,
91.3559

74.6221, 82.5408,
91.3559

465.6349,
503.4548, 553.1152

55.5964, 61.8114,
68.5257

124.7681,
136.9321, 151.1723

40.1152, 44.8803,
49.8562

156.6191,
171.3629, 188.9956

27.8130, 31.3632,
34.9288

193.4759,
211.1295, 232.6537

18.3245, 20.8756,
23.3249

235.7039,
256.6164, 282.5652

11.2843, 13.0331,
14.6260

283.6685,
308.2080, 339.1485

6.3271, 7.4513,
8.4137

337.7349,

3.0875, 3.7459,

366.2887, 402.8223

4.2692

398.2686,
431.2428, 474.0050

■ 1.2002, 1.5325,
1.7742

■ 0.1065, 0.3114,
0.4108

■ 74.6221, 82.5408,
91.3559

■ 74.6221, 82.5408,
91.3559

■ 67.5570, 78.9551,
88.5750

■ 82.7294, 86.6673,
94.2343

■ 61.4829, 75.8771,
85.8836


■ 88.2142, 89.4385,
97.0336


■ 56.3550, 73.2859,
83.2813


■ 88.7102, 89.6369,
99.6451


■ 52.1222, 71.1551,
80.7654


■ 89.2149, 89.8388,
102.3030


 48.7284, 69.4558,
78.3330


 89.7285, 90.0442,
105.0074

 46.1113, 68.1560,
75.9809

 90.1580, 90.2160,
107.2693

 44.1998, 67.2190,
73.7056

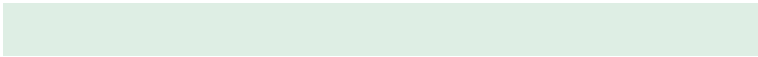
 42.9096, 66.6013,
71.5029

 42.1103, 66.2357,
69.3664

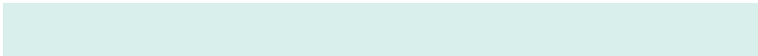
Harmonies

Analogous

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



74.8780, 82.5408, 85.6416



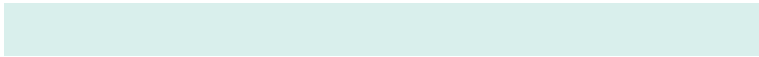
74.6221, 82.5408, 91.3559



75.3783, 82.5408, 96.9028

Triad

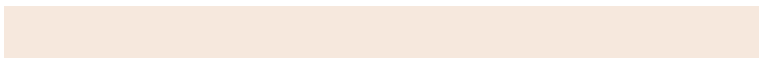
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.6221, 82.5408, 91.3559



80.8702, 82.5408, 99.0933



79.9634, 82.5408, 79.8718

Complementary

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



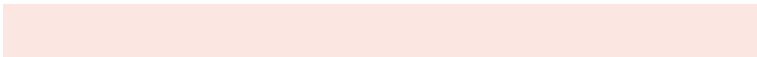
74.6221, 82.5408, 91.3559



73.3307, 73.1459, 77.9675

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.



81.6092, 82.5408, 83.1915



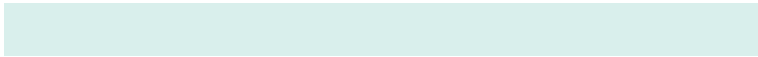
74.6221, 82.5408, 91.3559



82.1391, 82.5408, 94.2414

Square

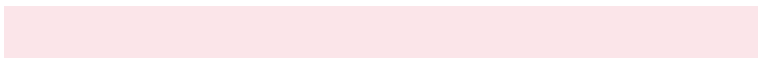
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



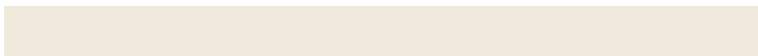
74.6221, 82.5408, 91.3559



78.9687, 82.5408, 101.4944



82.4119, 82.5408, 88.4060



77.9387, 82.5408, 79.1743

Rectangle

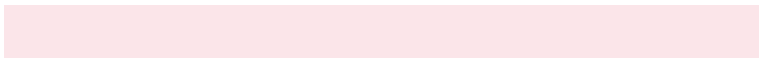
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



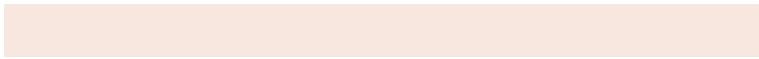
74.6221, 82.5408, 91.3559



76.3625, 82.5408, 99.7033



82.4119, 82.5408, 88.4060



80.5804, 82.5408, 80.7109

Sweetspot

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



74.6245, 82.5443, 91.3577



92.1236, 98.5108, 107.8879



72.9995, 82.0088, 77.6288



19.5549, 21.0023, 23.0349



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.



74.6245, 82.5443, 91.3577



84.8624, 94.8186, 105.2374



72.8577, 78.3065, 92.9400



16.1491, 17.8897, 19.8082



23.2756, 36.6022, 38.4296



1.9617, 3.0551, 3.3307

Inverse Universe

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



73.3307, 73.1459, 77.9675



83.0880, 81.9279, 86.8721



74.9680, 77.0515, 76.5682



15.8606, 15.7940, 16.8224



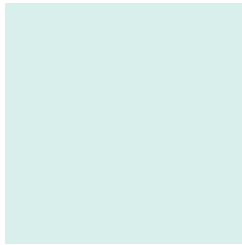
19.8476, 10.2115, 1.8481



1.6784, 0.8604, 0.2975

Previews

White Background



This preview shows how the XYZ color 74.6221, 82.5408, 91.3559 looks on a white background.

Color Contrast Check

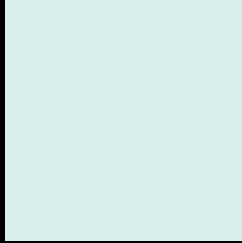
Large Text (above 18pt) WCAG AA × Fail

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 74.6221, 82.5408, 91.3559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

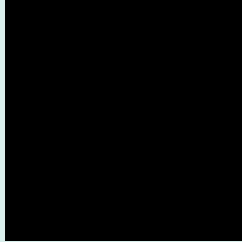
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

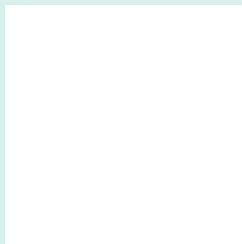
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.6221, 82.5408, 91.3559

Background



This preview shows how black text looks on a background with the XYZ color 74.6221, 82.5408, 91.3559.



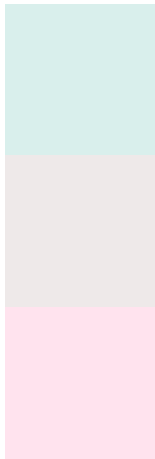
This preview shows how white text looks on a background with the XYZ color 74.6221, 82.5408,

91.3559.

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

74.6221, 82.5408, 91.3559

Protanopia

79.1068, 82.3382, 88.8143

Deuteranopia

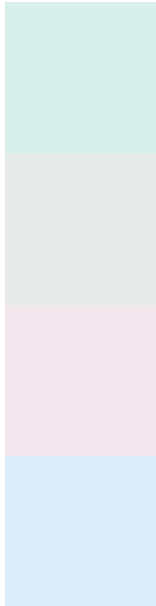
84.1417, 82.3712, 92.3534



Tritanopia

77.5607, 82.4265, 106.4298

Trichromacy



Original Color

74.6221, 82.5408, 91.3559

Protanomaly

77.1927, 82.1802, 89.6358

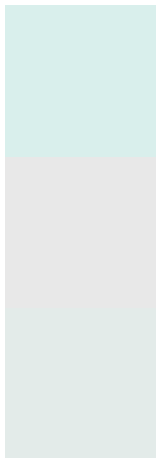
Deuteranomaly

80.1376, 81.9670, 91.7183

Tritanomaly

76.4409, 82.4058, 100.6840

Monochromacy



Original Color

74.6221, 82.5408, 91.3559

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.0949, 81.6307, 88.8365

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6221, 82.5408, 91.3559 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(217, 239, 236)` looks like.

```
.text, #text, p{  
    color:rgb(217, 239, 236)  
}
```

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(217, 239, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 239, 236) }
```

Border

The CSS property to change the border of an element to XYZ 74.6221, 82.5408, 91.3559 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(217, 239, 236) }
```


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

```
.border{ border-color:rgb(217, 239, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 239, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 239, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 239, 236);  
box-shadow:4px 4px 4px 4px rgb(217, 239,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6221, 82.5408, 91.3559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 239, 236) }
```

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

```
.background{ background-color: rgb(217,  
239, 236) }
```

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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