

Converting Colors

XYZ(75.0728, 80.3328, 93.8947)

Have a look what the booklet for
XYZ(75.0728, 80.3328, 93.8947)
contains.

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Color

**XYZ(74.9913, 80.0987,
93.9462)**

Conversions

Conversions Part 1

Format	Color
Hex	DEE9F0
RGB	222, 233, 240
RGB Percent	87%, 91%, 94%
CMY	0.1294, 0.0863, 0.0588
CMYK	0.07, 0.03, 0.00, 0.06
HSL	203°, 38%, 91%
HSV	203°, 7%, 94%
XYZ	74.9913, 80.0987, 93.9462
YIQ	230.5090, -8.8030, -0.1550

Conversions

Conversions Part 2

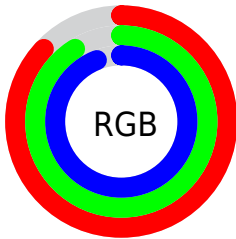
Format	Color
R _Y B	222, 229, 240
Decimal	14608880
CIE Lab	91.73, -2.33, -4.66
CIE LCh	92, 5.211, 243.445
Yxy	80.0987, 0.3011, 0.3216
Android (android.graphics.Color)	4292798960 (0xFFDEE9F0)
YUV	230.5090, 4.6791, -7.4624
Hunter-Lab	89.4979, -7.0541, 0.4116

Details

The XYZ color **74.9913, 80.0987, 93.9462** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.1396, 79.8372, 80.4530**, and the grayscale version is **75.5639, 79.4991, 86.5745**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3102, 43.1205, 51.5459** is the 20% darker color. If you saturate the color by 10%, you get **65.5864, 71.4350, 92.7709**, and if you desaturate by 10%, it is **85.5868, 89.5878, 95.2206**.

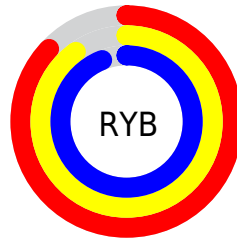
Distribution



Red (87%)

Green (91%)

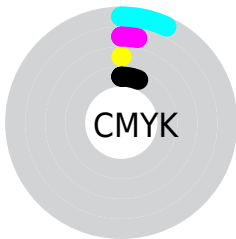
Blue (94%)



Red (87%)

Yellow (90%)

Blue (94%)

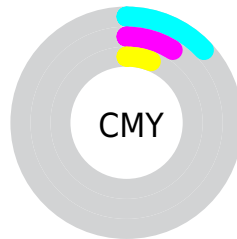


Cyan (7%)

Magenta (3%)

Yellow (0%)

Black (6%)



Cyan (13%)

Magenta (9%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.9913, 80.0987, 93.9462 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 74.9913, 80.0987, 93.9462 by changing the saturation by 10% instead.

■ 74.9913, 80.0987,
93.9462

■ 74.9913, 80.0987,
93.9462

466.8853,
495.2654, 561.6838

■ 55.8999, 59.7996,
70.6662

125.2880,
133.5045, 154.7910

■ 40.3594, 43.2571,
51.5897

157.2241,
167.3799, 193.1928

■ 28.0043, 30.0869,
36.2981

194.1724,
206.5496, 237.4723

■ 18.4694, 19.9046,
24.3730

236.4983,
251.3980, 288.0480

■ 11.3892, 12.3257,
15.3958

284.5672,
302.3093, 345.3384

■ 6.3985, 6.9659,
8.9479

338.7444,

■ 3.1318, 3.4408,

359.6681, 409.7622

4.6109

399.3953,
423.8586, 481.7378

■ 1.2238, 1.3659,
1.9661

■ 0.1251, 0.1914,
0.5343

■ 74.9913, 80.0987,
93.9462

■ 74.9913, 80.0987,
93.9462

■ 65.5864, 71.4350,
92.7709

■ 85.5868, 89.5878,
95.2206

■ 57.3191, 63.5597,
91.6865

■ 91.6729, 96.9604,
96.3229

■ 50.1423, 56.4474,
90.6920

■ 92.7284, 99.0714,
96.6747

■ 44.0030, 50.0675,
89.7841

■ 38.8433, 44.3868,
88.9596

■ 34.5991, 39.3686,
88.2146

■ 31.1980, 34.9720,
87.5453

■ 28.5550, 31.1496,
86.9468

■ 26.5585, 27.8400,
86.4132

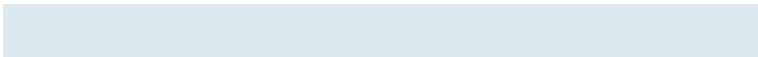
Harmonies

Analogous

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



74.0127, 80.0987, 91.3224



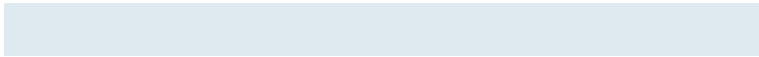
74.9913, 80.0987, 93.9462



76.2855, 80.0987, 94.7483

Triad

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



74.9913, 80.0987, 93.9462



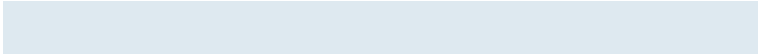
78.7187, 80.0987, 86.7735



74.7275, 80.0987, 81.2311

Complementary

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



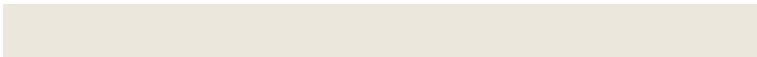
74.9913, 80.0987, 93.9462



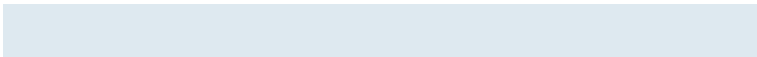
77.1396, 79.8372, 80.4530

Split Complementary

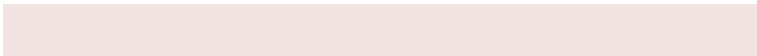
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.9775, 80.0987, 80.0899



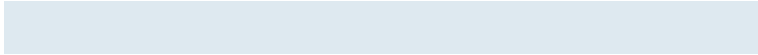
74.9913, 80.0987, 93.9462



78.2902, 80.0987, 83.2304

Square

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



74.9913, 80.0987, 93.9462



78.4472, 80.0987, 90.5368



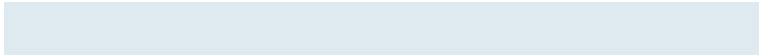
77.2830, 80.0987, 80.8111



73.8616, 80.0987, 83.9732

Rectangle

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



74.9913, 80.0987, 93.9462



77.1558, 80.0987, 94.1232



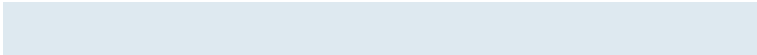
77.2830, 80.0987, 80.8111



75.1162, 80.0987, 80.6512

Sweetspot

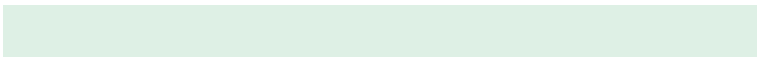
The Sweet Spot groups the original color and five complimentary colors.



74.9936, 80.1021, 93.9480



92.5694, 97.7872, 108.6036



75.4145, 83.5027, 86.1997



19.8397, 20.9538, 23.2488



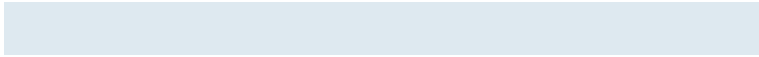
0.0000, 0.0000, 0.0000



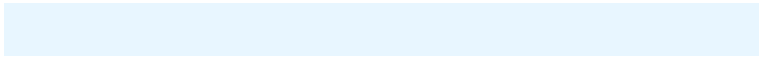
20.3446, 21.4041, 23.3091

Same Dimension

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



74.9936, 80.1021, 93.9480



84.3249, 90.3441, 107.6015



72.5363, 75.1874, 93.1288



15.7016, 16.8373, 20.1440



14.4301, 15.0845, 47.2789



1.2967, 1.4475, 3.9653

Inverse Universe

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



76.7662, 76.6526, 87.8442



86.7575, 85.6601, 99.2142



79.6667, 84.8914, 81.2954



16.1788, 15.9212, 18.4979



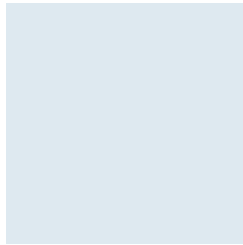
22.6093, 11.3161, 16.3909



1.9295, 0.9608, 1.6195

Previews

White Background



This preview shows how the XYZ color 74.9913, 80.0987, 93.9462 looks on a white background.

Color Contrast Check

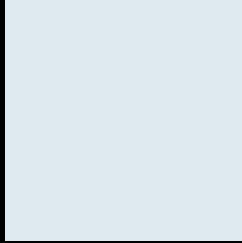
Large Text (above 18pt) WCAG AA × Fail

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 74.9913, 80.0987, 93.9462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

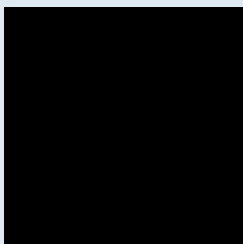
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

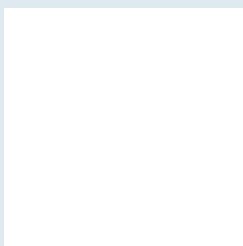
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.9913, 80.0987, 93.9462

Background



This preview shows how black text looks on a background with the XYZ color 74.9913, 80.0987, 93.9462.



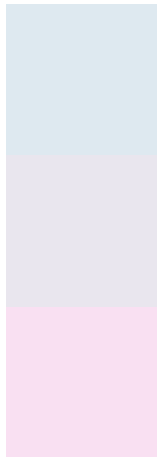
This preview shows how white text looks on a background with the XYZ color 74.9913, 80.0987,

93.9462.

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

74.9913, 80.0987, 93.9462

Protanopia

77.3337, 80.0903, 92.2720

Deuteranopia

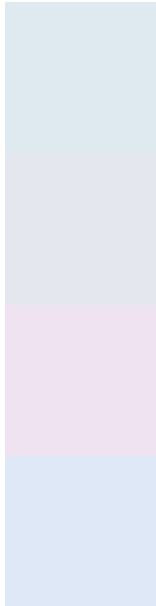
81.7496, 79.8619, 95.1106



Tritanopia

76.5717, 79.9012, 101.8292

Trichromacy



Original Color

74.9913, 80.0987, 93.9462

Protanomaly

76.4690, 80.0418, 93.0806

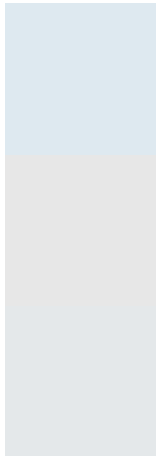
Deuteranomaly

78.9429, 79.6398, 94.4304

Tritanomaly

75.9226, 80.0550, 98.6394

Monochromacy



Original Color

74.9913, 80.0987, 93.9462

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.7028, 80.1477, 89.3220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9913, 80.0987, 93.9462 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(222, 233, 240) looks like.

```
.text, #text, p{  
    color:rgb(222, 233, 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(222, 233, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 233, 240) }
```

Border

The CSS property to change the border of an element to XYZ 74.9913, 80.0987, 93.9462 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(222, 233, 240) }
```


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

```
.border{ border-color:rgb(222, 233, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 233, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 233, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 233, 240);  
box-shadow:4px 4px 4px 4px rgb(222, 233,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9913, 80.0987, 93.9462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 233, 240) }
```

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

```
.background{ background-color: rgb(222,  
233, 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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