

Converting Colors

XYZ(74.0320, 82.6724, 91.4124)

Have a look what the booklet for
XYZ(74.0320, 82.6724, 91.4124)
contains.

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Color

**XYZ(74.0320, 82.6724,
91.4124)**

Conversions

Conversions Part 1

Format	Color
Hex	D6F0EC
RGB	214, 240, 236
RGB Percent	84%, 94%, 93%
CMY	0.1608, 0.0588, 0.0745
CMYK	0.11, 0.00, 0.02, 0.06
HSL	171°, 46%, 89%
HSV	171°, 11%, 94%
XYZ	74.0320, 82.6724, 91.4124
YIQ	231.7700, -14.2120, -6.7560

Conversions

Conversions Part 2

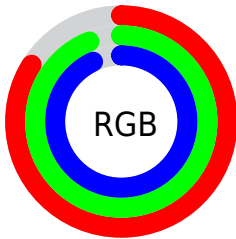
Format	Color
R _Y B	214, 228, 240
Decimal	14086380
CIE Lab	92.87, -9.23, -0.97
CIE LCh	93, 9.280, 185.972
Yxy	82.6724, 0.2984, 0.3332
Android (android.graphics.Color)	4292276460 (0xFFD6F0EC)
YUV	231.7700, 2.0854, -15.5843
Hunter-Lab	90.9244, -13.7802, 4.0388

Details

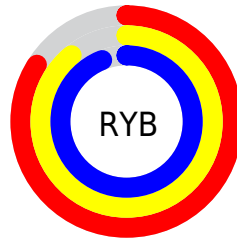
The XYZ color **74.0320, 82.6724, 91.4124** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.6396, 71.6826, 76.3411**, and the grayscale version is **76.5242, 80.5095, 87.6748**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6768, 44.9472, 49.7645** is the 20% darker color. If you saturate the color by 10%, you get **67.0063, 79.1142, 88.3115**, and if you desaturate by 10%, it is **82.1055, 86.7740, 94.6238**.

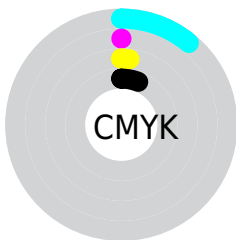
Distribution



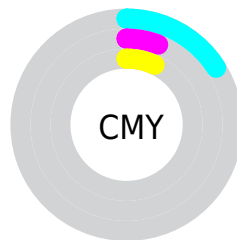
- Red (84%)
- Green (94%)
- Blue (93%)



- Red (84%)
- Yellow (89%)
- Blue (94%)



- Cyan (11%)
- Magenta (0%)
- Yellow (2%)
- Black (6%)



- Cyan (16%)
- Magenta (6%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.0320, 82.6724, 91.4124 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 74.0320, 82.6724, 91.4124 by changing the saturation by 10% instead.

74.0320, 82.6724,
91.4124

74.0320, 82.6724,
91.4124

463.6324,
503.8941, 553.3029

55.1116, 61.9199,
68.5724

123.9364,
137.1165, 151.2513

39.7253, 44.9680,
49.8939

155.6512,
171.5770, 189.0874

27.5077, 31.4322,
34.9585

192.3614,
211.3756, 232.7591

18.0934, 20.9282,
23.3476

234.4325,
256.8967, 282.6851

11.1172, 13.0715,
14.6427

282.2298,
308.5247, 339.2840

6.2136, 7.4778,
8.4252

336.1186,

3.0173, 3.7627,

366.6440, 402.9742

4.2766

396.4644,
431.6390, 474.1743

■ 1.1629, 1.5417,
1.7783

■ 0.0768, 0.3178,
0.4136

■ 74.0320, 82.6724,
91.4124

■ 74.0320, 82.6724,
91.4124

■ 67.0063, 79.1142,
88.3115

■ 82.1055, 86.7740,
94.6238

■ 60.9764, 76.0658,
85.3131


■ 88.6385, 90.0779,
97.8196


■ 55.8963, 73.5057,
82.4165


■ 89.2035, 90.3039,
100.7949


■ 51.7135, 71.4070,
79.6189


■ 89.7798, 90.5345,
103.8296


 48.3706, 69.7400,
76.9171

 90.3675, 90.7695,
106.9243

 45.8034, 68.4717,
74.3078

 90.4516, 90.8032,
107.3672

 43.9381, 67.5639,
71.7873

 42.6867, 66.9714,
69.3510

 41.9476, 66.6376,
67.1856

Harmonies

Analogous

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



74.3965, 82.6724, 84.6889



74.0320, 82.6724, 91.4124



74.8651, 82.6724, 98.0880

Triad

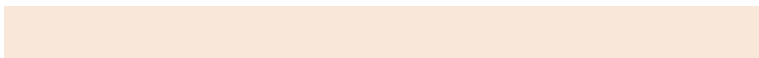
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.0320, 82.6724, 91.4124



81.3477, 82.6724, 101.2586



80.4910, 82.6724, 78.3650

Complementary

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



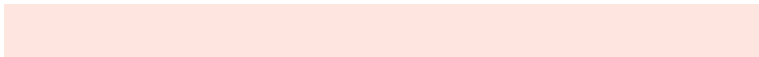
74.0320, 82.6724, 91.4124



72.6396, 71.6826, 76.3411

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.



82.4109, 82.6724, 82.3999



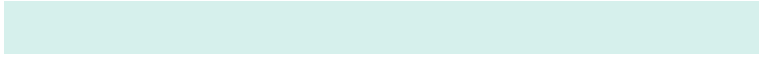
74.0320, 82.6724, 91.4124



82.9126, 82.6724, 95.5623

Square

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



74.0320, 82.6724, 91.4124



79.0637, 82.6724, 103.9575



83.3056, 82.6724, 88.6343



78.0936, 82.6724, 77.3805

Rectangle

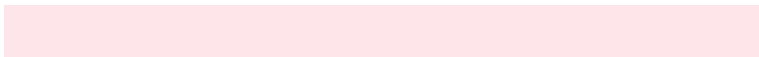
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



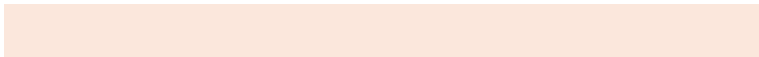
74.0320, 82.6724, 91.4124



75.9978, 82.6724, 101.5399



83.3056, 82.6724, 88.6343



81.2152, 82.6724, 79.3991

Sweetspot

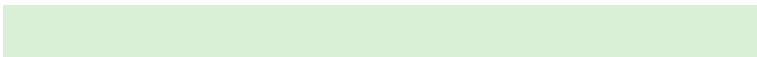
The Sweet Spot groups the original color and five complimentary colors.



74.0344, 82.6759, 91.4142



92.1023, 98.5022, 107.7753



72.3135, 82.1356, 75.6622



19.5491, 20.9999, 23.0044



0.0000, 0.0000, 0.0000



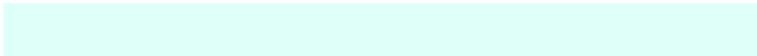
20.3446, 21.4041, 23.3091

Same Dimension

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



74.0344, 82.6759, 91.4142



83.0773, 93.9215, 104.1073



72.1316, 77.9290, 93.6821



16.1367, 17.8847, 19.7426



23.0020, 36.4928, 36.9889



1.9415, 3.0470, 3.2244

Inverse Universe

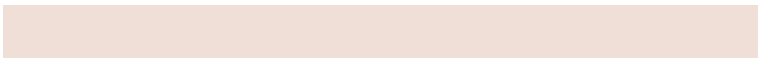
The Inverse Universe completely reimagines the original color for something new.



72.6396, 71.6826, 76.3411



81.1802, 78.9664, 83.6029



74.3743, 75.9804, 74.3655



15.8720, 15.7985, 16.8821



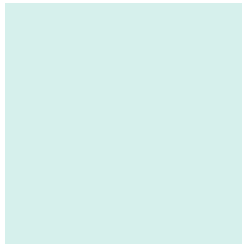
19.8843, 10.2261, 2.0412



1.6838, 0.8626, 0.3258

Previews

White Background



This preview shows how the XYZ color 74.0320, 82.6724, 91.4124 looks on a white background.

Color Contrast Check

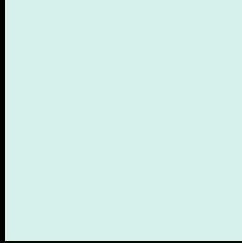
Large Text (above 18pt) WCAG AA × Fail

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 74.0320, 82.6724, 91.4124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

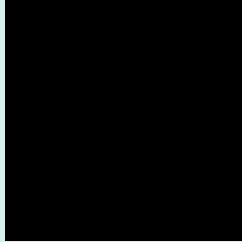
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

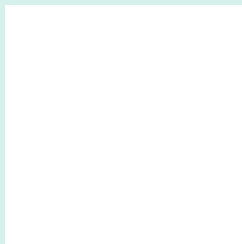
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.0320, 82.6724, 91.4124

Background



This preview shows how black text looks on a background with the XYZ color 74.0320, 82.6724, 91.4124.



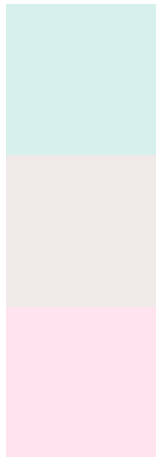
This preview shows how white text looks on a background with the XYZ color 74.0320, 82.6724,

91.4124.

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

74.0320, 82.6724, 91.4124

Protanopia

79.3010, 82.4547, 88.0797

Deuteranopia

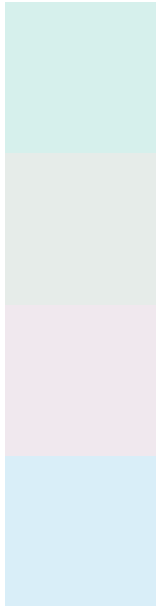
84.2891, 82.4302, 93.1295



Tritanopia

77.2476, 82.6938, 106.4979

Trichromacy



Original Color

74.0320, 82.6724, 91.4124

Protanomaly

77.3366, 82.6971, 88.9769

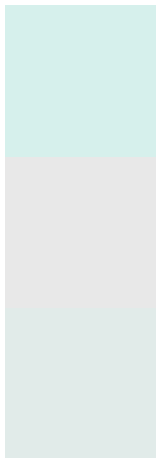
Deuteranomaly

80.2244, 82.4115, 92.5677

Tritanomaly

76.1331, 82.6781, 100.7528

Monochromacy



Original Color

74.0320, 82.6724, 91.4124

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.4676, 81.3074, 88.8071

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.0320, 82.6724, 91.4124 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(214, 240, 236)` looks like.

```
.text, #text, p{  
    color:rgb(214, 240, 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(214, 240, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 240, 236) }
```

Border

The CSS property to change the border of an element to XYZ 74.0320, 82.6724, 91.4124 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(214, 240, 236) }
```


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

```
.border{ border-color:rgb(214, 240, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 240, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 240, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 240, 236);  
box-shadow:4px 4px 4px 4px rgb(214, 240,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0320, 82.6724, 91.4124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 240, 236) }
```

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

```
.background{ background-color: rgb(214,  
240, 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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