

Converting Colors

XYZ(74.5152, 83.9666, 91.5332)

Have a look what the booklet for
XYZ(74.5152, 83.9666, 91.5332)
contains.

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Color

**XYZ(74.3330, 83.7065,
91.5961)**

Conversions

Conversions Part 1

Format	Color
Hex	D5F2EC
RGB	213, 242, 236
RGB Percent	84%, 95%, 93%
CMY	0.1647, 0.0510, 0.0745
CMYK	0.12, 0.00, 0.02, 0.05
HSL	168°, 53%, 89%
HSV	168°, 12%, 95%
XYZ	74.3330, 83.7065, 91.5961
YIQ	232.6450, -15.3580, -8.0140

Conversions

Conversions Part 2

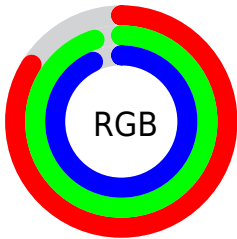
Format	Color
R_{YB}	213, 229, 242
Decimal	14021356
CIE _{Lab}	93.32, -10.56, -0.31
CIE _{LCh}	93, 10.560, 181.695
Yxy	83.7065, 0.2978, 0.3353
Android (android.graphics.Color)	4292211436 (0xFFD5F2EC)
YUV	232.6450, 1.6540, -17.2287
Hunter-Lab	91.4913, -15.0856, 4.6859

Details

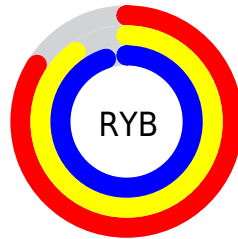
The XYZ color **74.3330, 83.7065, 91.5961** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.2014, 71.5824, 76.9802**, and the grayscale version is **77.1834, 81.2030, 88.4300**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8977, 45.6822, 49.8947** is the 20% darker color. If you saturate the color by 10%, you get **67.1134, 80.0699, 87.5135**, and if you desaturate by 10%, it is **82.6252, 87.8983, 95.8390**.

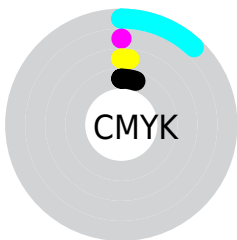
Distribution



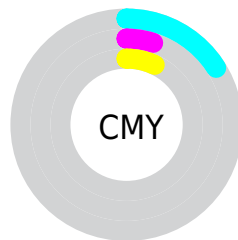
- Red (84%)
- Green (95%)
- Blue (93%)



- Red (84%)
- Yellow (90%)
- Blue (95%)



- Cyan (12%)
- Magenta (0%)
- Yellow (2%)
- Black (5%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.3330, 83.7065, 91.5961 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 74.3330, 83.7065, 91.5961 by changing the saturation by 10% instead.

74.3330, 83.7065,
91.5961

74.3330, 83.7065,
91.5961

464.6544,
507.3381, 553.9128

55.3589, 62.7731,
68.7240

124.3607,
138.5645, 151.5083

39.9241, 45.6577,
50.0166

156.1450,
173.2580, 189.3855

27.6633, 31.9758,
35.0554

192.9301,
213.3070, 233.1016

18.2112, 21.3430,
23.4216

235.0813,
259.0958, 283.0750

11.2023, 13.3750,
14.6969

282.9640,
311.0090, 339.7243

6.2714, 7.6873,
8.4627

336.9435,

3.0530, 3.8955,

369.4308, 403.4680

4.3004

397.3852,
434.7457, 474.7247

■ 1.1819, 1.6153,
1.7916

■ 0.0920, 0.3679,
0.4224

■ 74.3330, 83.7065,
91.5961

■ 74.3330, 83.7065,
91.5961

■ 67.1134, 80.0699,
87.5135

■ 82.6252, 87.8983,
95.8390

■ 60.9130, 76.9540,
83.5825

■ 89.6314, 91.4224,
100.1274

■ 55.6841, 74.3367,
79.8018

■ 90.4110, 91.7343,
104.2327

■ 51.3728, 72.1901,
76.1681

■ 91.0437, 91.9874,
107.5646

■ 47.9195, 70.4835,
72.6776

■ 45.2576, 69.1827,
69.3262

■ 43.3103, 68.2480,
66.1096

■ 41.9856, 67.6320,
63.0225

■ 41.2583, 67.3092,
60.6354

Harmonies

Analogous

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



74.9436, 83.7065, 84.0701



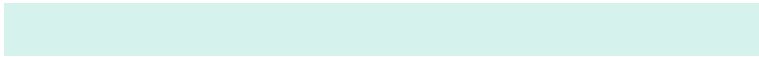
74.3330, 83.7065, 91.5961



75.0958, 83.7065, 99.4297

Triad

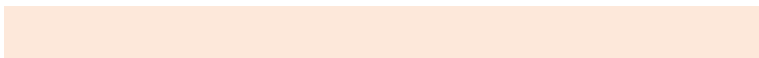
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.3330, 83.7065, 91.5961



82.4040, 83.7065, 104.8070



82.1237, 83.7065, 78.3096

Complementary

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



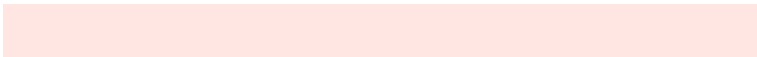
74.3330, 83.7065, 91.5961



73.2014, 71.5824, 76.9802

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.



84.1988, 83.7065, 83.3284



74.3330, 83.7065, 91.5961



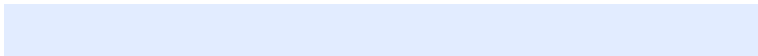
84.3633, 83.7065, 98.6001

Square

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



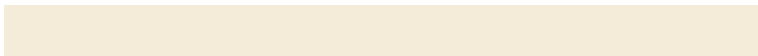
74.3330, 83.7065, 91.5961



79.7189, 83.7065, 107.3272



85.0275, 83.7065, 90.6897



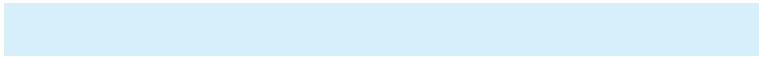
79.4024, 83.7065, 76.6719

Rectangle

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



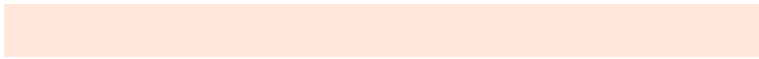
74.3330, 83.7065, 91.5961



76.2910, 83.7065, 103.6991



85.0275, 83.7065, 90.6897



82.9221, 83.7065, 79.6422

Sweetspot

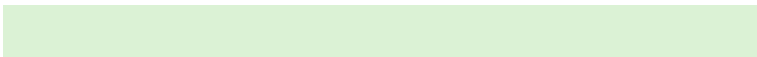
The Sweet Spot groups the original color and five complimentary colors.



74.3354, 83.7100, 91.5980



91.0583, 97.9813, 106.9485



73.0637, 83.4160, 75.2021



19.3344, 20.8932, 22.8135



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

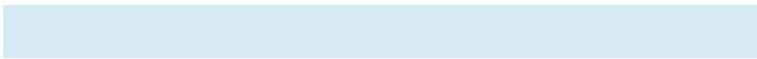
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.3354, 83.7100, 91.5980



81.9466, 93.3798, 102.1954



72.8313, 79.2823, 95.4729



16.0990, 17.8696, 19.5443



22.2144, 36.1778, 32.8419



1.8829, 3.0236, 2.9156

Inverse Universe

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



73.2014, 71.5824, 76.9802



80.4722, 77.6086, 83.1873



74.5447, 75.5113, 73.5983



15.9066, 15.8124, 17.0645



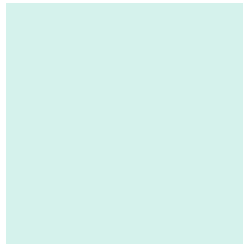
20.0214, 10.2810, 2.7632



1.7005, 0.8692, 0.4137

Previews

White Background



This preview shows how the XYZ color 74.3330, 83.7065, 91.5961 looks on a white background.

Color Contrast Check

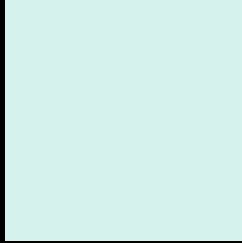
Large Text (above 18pt) WCAG AA × Fail

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 74.3330, 83.7065, 91.5961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

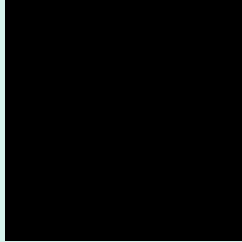
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

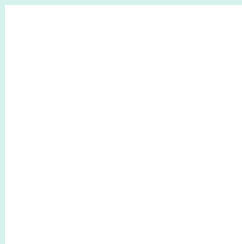
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.3330, 83.7065, 91.5961

Background



This preview shows how black text looks on a background with the XYZ color 74.3330, 83.7065, 91.5961.



This preview shows how white text looks on a background with the XYZ color 74.3330, 83.7065,

91.5961.

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

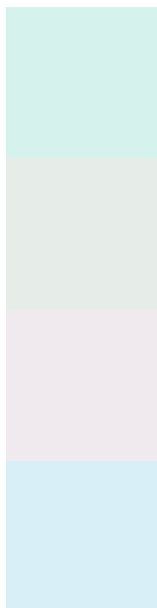




Tritanopia

77.8380, 83.4291, 106.6087

Trichromacy



Original Color

74.3330, 83.7065, 91.5961

Protanomaly

77.6253, 83.2746, 89.0731

Deuteranomaly

80.7906, 83.5439, 92.7564

Tritanomaly

76.4251, 83.2620, 100.8501

Monochromacy



Original Color

74.3330, 83.7065, 91.5961

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.2108, 82.1002, 89.6721

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3330, 83.7065, 91.5961 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(213, 242, 236)` looks like.

```
.text, #text, p{  
    color:rgb(213, 242, 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(213, 242, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 242, 236) }
```

Border

The CSS property to change the border of an element to XYZ 74.3330, 83.7065, 91.5961 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(213, 242, 236) }
```


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

```
.border{ border-color:rgb(213, 242, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 242, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 242, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 242, 236);  
box-shadow:4px 4px 4px 4px rgb(213, 242,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3330, 83.7065, 91.5961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 242, 236) }
```

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

```
.background{ background-color: rgb(213,  
242, 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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