

Converting Colors

XYZ(74.1647, 83.1403, 87.1283)

Have a look what the booklet for
XYZ(74.1647, 83.1403, 87.1283)
contains.

XYZ(74.3535, 83.3755, 87.0371)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.3535, 83.3755,
87.0371)**

Conversions

Conversions Part 1

Format	Color
Hex	D9F1E6
RGB	217, 241, 230
RGB Percent	85%, 95%, 90%
CMY	0.1490, 0.0549, 0.0980
CMYK	0.10, 0.00, 0.05, 0.05
HSL	152°, 46%, 90%
HSV	152°, 10%, 95%
XYZ	74.3535, 83.3755, 87.0371
YIQ	232.5700, -10.7730, -8.5090

Conversions

Conversions Part 2

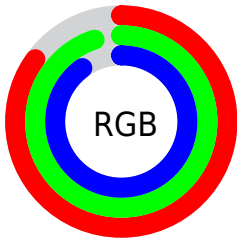
Format	Color
R _Y B	217, 233, 241
Decimal	14283238
CIE Lab	93.18, -9.89, 2.62
CIE LCh	93, 10.233, 165.138
Yxy	83.3755, 0.3038, 0.3406
Android (android.graphics.Color)	4292473318 (0xFFD9F1E6)
YUV	232.5700, -1.2670, -13.6549
Hunter-Lab	91.3102, -14.4410, 7.4018

Details

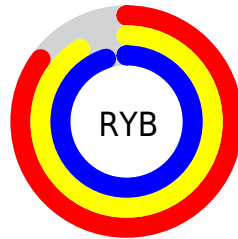
The XYZ color **74.3535, 83.3755, 87.0371** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.0951, 73.9301, 83.7147**, and the grayscale version is **77.1459, 81.1635, 88.3871**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9871, 45.4745, 47.2273** is the 20% darker color. If you saturate the color by 10%, you get **66.2041, 79.3503, 78.8126**, and if you desaturate by 10%, it is **83.6521, 87.9864, 95.8322**.

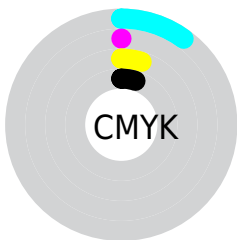
Distribution



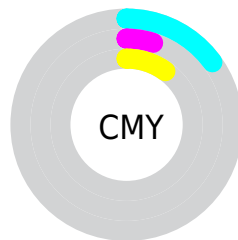
- Red (85%)
- Green (95%)
- Blue (90%)



- Red (85%)
- Yellow (91%)
- Blue (95%)



- Cyan (10%)
- Magenta (0%)
- Yellow (5%)
- Black (5%)



- Cyan (15%)
- Magenta (5%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.3535, 83.3755, 87.0371 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 74.3535, 83.3755, 87.0371 by changing the saturation by 10% instead.

74.3535, 83.3755,
87.0371

74.3535, 83.3755,
87.0371

464.7240,
506.2371, 538.6641

55.3757, 62.5000,
64.9661

124.3896,
138.1013, 145.1152

39.9376, 45.4368,
46.9824

156.1786,
172.7203, 181.9593

27.6739, 31.8016,
32.6675

192.9688,
212.6892, 224.5650

18.2192, 21.2100,
21.6028

235.1255,
258.3925, 273.3506

11.2081, 13.2776,
13.3698

283.0139,
310.2146, 328.7348

6.2753, 7.6200,
7.5500

336.9996,

3.0555, 3.8528,

368.5398, 391.1361

3.7248

397.4479,
433.7525, 460.9730

■ 1.1832, 1.5915,
1.4756

■ 0.0930, 0.3519,
0.1997

■ 74.3535, 83.3755,
87.0371

■ 74.3535, 83.3755,
87.0371

■ 66.2041, 79.3503,
78.8126

■ 83.6521, 87.9864,
95.8322

■ 59.1499, 75.8762,
71.1416

■ 90.2831, 91.2083,
105.0234

■ 53.1429, 72.9310,
64.0138

■ 90.7469, 91.3938,
107.4656

■ 48.1287, 70.4869,
57.4168

■ 44.0479, 68.5135,
51.3374

■ 40.8341, 66.9768,
45.7618

■ 38.4120, 65.8383,
40.6756

■ 36.6920, 65.0519,
36.0630

■ 35.5256, 64.5414,
31.9051

Harmonies

Analogous

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



75.6378, 83.3755, 80.7334



74.3535, 83.3755, 87.0371



74.3597, 83.3755, 94.7034

Triad

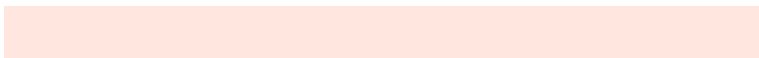
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.3535, 83.3755, 87.0371



80.6037, 83.3755, 105.8365



82.9488, 83.3755, 80.6866

Complementary

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



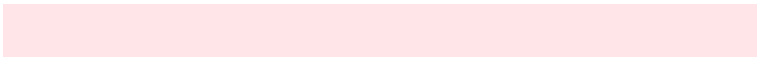
74.3535, 83.3755, 87.0371



75.0951, 73.9301, 83.7147

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.



84.3416, 83.3755, 86.9699



74.3535, 83.3755, 87.0371



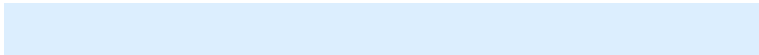
82.9670, 83.3755, 101.6310

Square

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



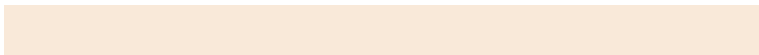
74.3535, 83.3755, 87.0371



77.9274, 83.3755, 105.8570



84.3484, 83.3755, 94.6323



80.5792, 83.3755, 77.2103

Rectangle

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



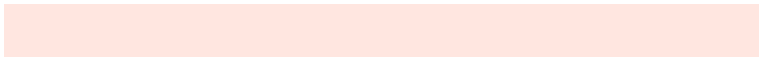
74.3535, 83.3755, 87.0371



75.0931, 83.3755, 99.5725



84.3484, 83.3755, 94.6323



83.5491, 83.3755, 82.5243

Sweetspot

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



74.3558, 83.3790, 87.0389



91.7318, 98.3540, 105.8243



76.0410, 84.4509, 77.9397



19.4489, 20.9599, 22.4770



0.0000, 0.0000, 0.0000



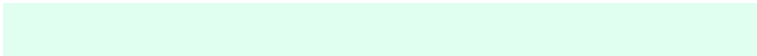
20.3446, 21.4041, 23.3091

Same Dimension

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



74.3558, 83.3790, 87.0389



82.4977, 93.7805, 96.9508



75.7143, 83.5443, 95.3584



15.9239, 17.7996, 18.6224



19.3305, 35.0242, 17.6551



1.6583, 2.9338, 1.7330

Inverse Universe

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



75.0951, 73.9301, 83.7147



83.4988, 80.9848, 92.4495



73.8221, 73.7517, 75.9915



16.0742, 15.8794, 17.9468



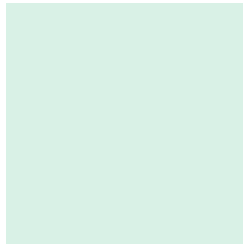
21.2782, 10.7837, 9.3815



1.8198, 0.9170, 1.0419

Previews

White Background



This preview shows how the XYZ color 74.3535, 83.3755, 87.0371 looks on a white background.

Color Contrast Check

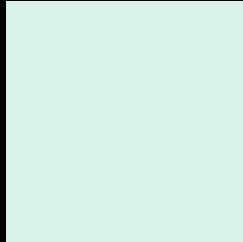
Large Text (above 18pt) WCAG AA × Fail

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 74.3535, 83.3755, 87.0371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

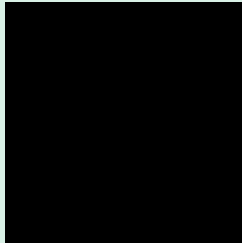
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

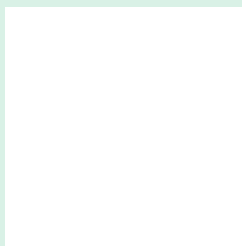
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.3535, 83.3755, 87.0371

Background



This preview shows how black text looks on a background with the XYZ color 74.3535, 83.3755, 87.0371.



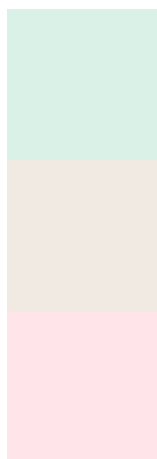
This preview shows how white text looks on a background with the XYZ color 74.3535, 83.3755,

87.0371.

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

74.3535, 83.3755, 87.0371

Protanopia

79.4259, 83.0374, 83.7931

Deuteranopia

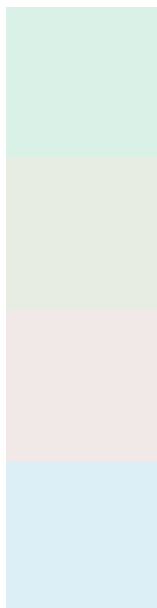
83.9673, 83.1818, 88.7209



Tritanopia

78.4584, 83.3180, 106.5545

Trichromacy



Original Color

74.3535, 83.3755, 87.0371

Protanomaly

77.4280, 83.2702, 84.6649

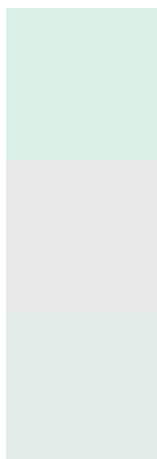
Deuteranomaly

79.9800, 82.8048, 88.1115

Tritanomaly

76.7243, 83.0185, 99.1692

Monochromacy



Original Color

74.3535, 83.3755, 87.0371

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.2395, 82.1480, 88.1818

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3535, 83.3755, 87.0371 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, 241, 230)` looks like.

```
.text, #text, p{  
    color:rgb(217, 241, 230)  
}
```

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, 241, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 241, 230) }
```

Border

The CSS property to change the border of an element to XYZ 74.3535, 83.3755, 87.0371 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, 241, 230) }
```


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

```
.border{ border-color:rgb(217, 241, 230) }
```

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

Here you see how a box with a 4 pixel rgb(217, 241, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 241, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 241, 230);  
box-shadow:4px 4px 4px 4px rgb(217, 241,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3535, 83.3755, 87.0371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 241, 230) }
```

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

```
.background{ background-color: rgb(217,  
241, 230) }
```

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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