

Converting Colors

XYZ(74.6361, 83.4885, 88.5251)

Have a look what the booklet for
XYZ(74.6361, 83.4885, 88.5251)
contains.

XYZ(74.6361, 83.4885, 88.5251)	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(74.6361, 83.4885,
88.5251)**

Conversions

Conversions Part 1

Format	Color
Hex	D9F1E8
RGB	217, 241, 232
RGB Percent	85%, 95%, 91%
CMY	0.1490, 0.0549, 0.0902
CMYK	0.10, 0.00, 0.04, 0.05
HSL	157°, 46%, 90%
HSV	157°, 10%, 95%
XYZ	74.6361, 83.4885, 88.5251
YIQ	232.7980, -11.4150, -7.8870

Conversions

Conversions Part 2

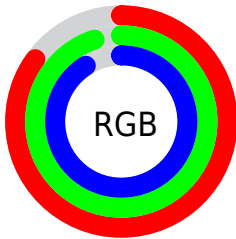
Format	Color
RYB	217, 232, 241
Decimal	14283240
CIELab	93.23, -9.52, 1.66
CIElCh	93, 9.664, 170.122
Yxy	83.4885, 0.3026, 0.3385
Android (android.graphics.Color)	4292473320 (0xFFD9F1E8)
YUV	232.7980, -0.3934, -13.8548
Hunter-Lab	91.3720, -14.0956, 6.5178

Details

The XYZ color **74.6361, 83.4885, 88.5251** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.8190, 73.8197, 82.2607**, and the grayscale version is **77.3112, 81.3374, 88.5764**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0857, 45.5139, 47.7466** is the 20% darker color. If you saturate the color by 10%, you get **66.7382, 79.5639, 81.6249**, and if you desaturate by 10%, it is **83.6509, 87.9859, 95.8259**.

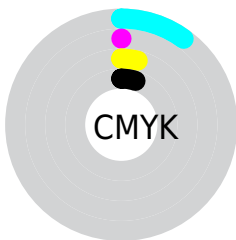
Distribution



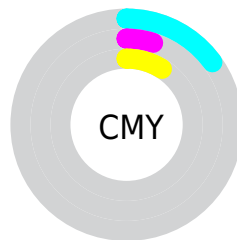
- Red (85%)
- Green (95%)
- Blue (91%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (4%)
- Black (5%)



- Cyan (15%)
- Magenta (5%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.6361, 83.4885, 88.5251 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 74.6361, 83.4885, 88.5251 by changing the saturation by 10% instead.

74.6361, 83.4885,
88.5251

74.6361, 83.4885,
88.5251

465.6823,
506.6131, 543.6671

55.6079, 62.5932,
66.1912

124.7878,
138.2594, 147.2055

40.1244, 45.5122,
47.9702

156.6420,
172.9039, 184.3892

27.8202, 31.8611,
33.4435

193.5023,
212.9002, 227.3599

18.3299, 21.2554,
22.1925

235.7340,
258.6327, 276.5360

11.2883, 13.3108,
13.7987

283.7026,
310.4859, 332.3363

6.3298, 7.6429,
7.8437

337.7732,

3.0892, 3.8673,

368.8441, 395.1792

3.9087

398.3114,
434.0917, 465.4833

■ 1.2011, 1.5996,
1.5754

■ 0.1072, 0.3573,
0.2732

■ 74.6361, 83.4885,
88.5251

■ 74.6361, 83.4885,
88.5251

■ 66.7382, 79.5639,
81.6249

■ 83.6509, 87.9859,
95.8259

■ 59.9040, 76.1778,
75.1125

■ 89.9650, 91.0810,
103.3484

■ 54.0864, 73.3083,
68.9821

■ 90.7469, 91.3937,
107.4656

■ 49.2319, 70.9281,
63.2259

■ 45.2819, 69.0071,
57.8356

■ 42.1712, 67.5116,
52.8026

■ 39.8252, 66.4035,
48.1175

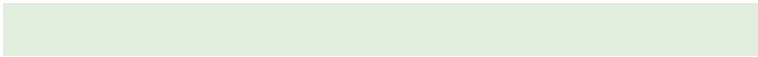
■ 38.1556, 65.6373,
43.7702

■ 37.0149, 65.1371,
39.7477

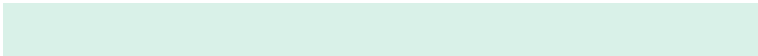
Harmonies

Analogous

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



75.6622, 83.4885, 82.2243



74.6361, 83.4885, 88.5251



74.8531, 83.4885, 95.8045

Triad

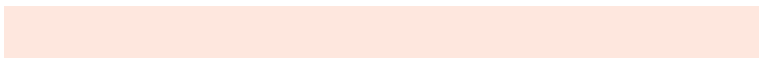
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.6361, 83.4885, 88.5251



81.0462, 83.4885, 104.6880



82.5276, 83.4885, 80.5829

Complementary

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



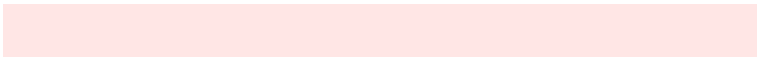
74.6361, 83.4885, 88.5251



74.8190, 73.8197, 82.2607

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.



84.0304, 83.4885, 86.1751



74.6361, 83.4885, 88.5251



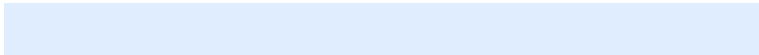
83.1625, 83.4885, 100.1757

Square

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



74.6361, 83.4885, 88.5251



78.5180, 83.4885, 105.4001



84.2652, 83.4885, 93.3267



80.1945, 83.4885, 77.8033

Rectangle

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



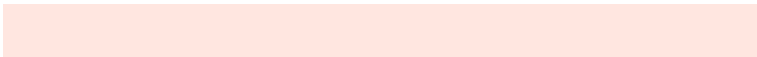
74.6361, 83.4885, 88.5251



75.6752, 83.4885, 100.2243



84.2652, 83.4885, 93.3267



83.1487, 83.4885, 82.1817

Sweetspot

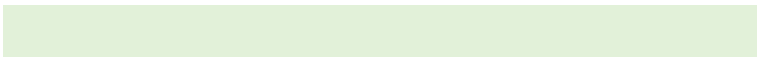
The Sweet Spot groups the original color and five complimentary colors.



74.6385, 83.4920, 88.5269



91.8327, 98.3944, 106.3559



75.4093, 84.1252, 77.9103



19.4762, 20.9708, 22.6205



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

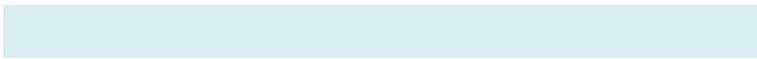
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.6385, 83.4920, 88.5269



82.8812, 93.9339, 98.9707



75.1281, 82.3717, 95.1629



15.9813, 17.8226, 18.9246



20.1367, 35.3467, 21.9004



1.7232, 2.9597, 2.0750

Inverse Universe

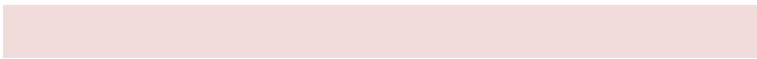
The Inverse Universe completely reimagines the original color for something new.



74.8190, 73.8197, 82.2607



83.1259, 80.8356, 90.4855



74.3434, 74.7943, 76.1654



16.0180, 15.8569, 17.6511



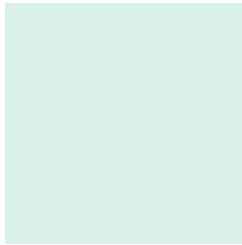
20.7415, 10.5690, 6.5555



1.7722, 0.8979, 0.7915

Previews

White Background



This preview shows how the XYZ color 74.6361, 83.4885, 88.5251 looks on a white background.

Color Contrast Check

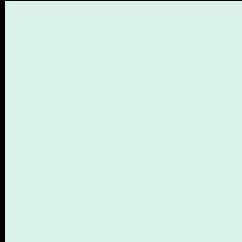
Large Text (above 18pt) WCAG AA × Fail

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 74.6361, 83.4885, 88.5251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

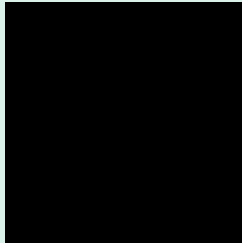
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

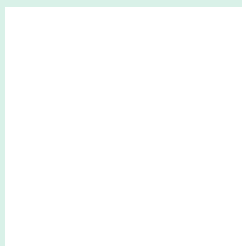
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.6361, 83.4885, 88.5251

Background



This preview shows how black text looks on a background with the XYZ color 74.6361, 83.4885, 88.5251.



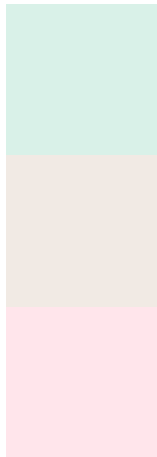
This preview shows how white text looks on a background with the XYZ color 74.6361, 83.4885,

88.5251.

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

74.6361, 83.4885, 88.5251

Protanopia

79.7020, 83.1478, 85.2472

Deuteranopia

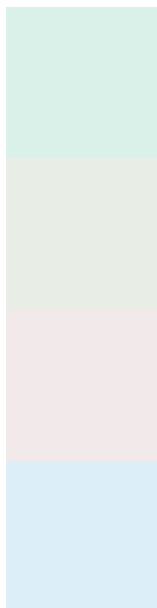
84.2547, 83.2968, 90.2344



Tritanopia

78.4584, 83.3180, 106.5545

Trichromacy



Original Color

74.6361, 83.4885, 88.5251

Protanomaly

77.7058, 83.3813, 86.1274

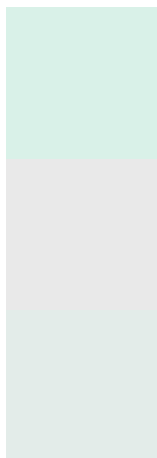
Deuteranomaly

80.2658, 82.9191, 89.6164

Tritanomaly

76.8782, 83.0801, 99.9798

Monochromacy



Original Color

74.6361, 83.4885, 88.5251

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.3820, 82.2050, 88.9322

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6361, 83.4885, 88.5251 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, 232)` looks like.

```
.text, #text, p{  
    color:rgb(217, 241, 232)  
}
```

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, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 241, 232) }
```

Border

The CSS property to change the border of an element to XYZ 74.6361, 83.4885, 88.5251 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, 232) }
```


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

```
.border{ border-color:rgb(217, 241, 232) }
```

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, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 241, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 241, 232);  
box-shadow:4px 4px 4px 4px rgb(217, 241,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6361, 83.4885, 88.5251 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, 232) }
```

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

```
.background{ background-color: rgb(217,  
241, 232) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor