

Converting Colors

XYZ(75.8061, 83.5533, 93.0209)

Have a look what the booklet for
XYZ(75.8061, 83.5533, 93.0209)
contains.

XYZ(75.8061, 83.5533, 93.0209)	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(75.8061, 83.5533,
93.0209)**

Conversions

Conversions Part 1

Format	Color
Hex	DBF0EE
RGB	219, 240, 238
RGB Percent	86%, 94%, 93%
CMY	0.1412, 0.0588, 0.0667
CMYK	0.09, 0.00, 0.01, 0.06
HSL	174°, 41%, 90%
HSV	174°, 9%, 94%
XYZ	75.8061, 83.5533, 93.0209
YIQ	233.4930, -11.8740, -5.0740

Conversions

Conversions Part 2

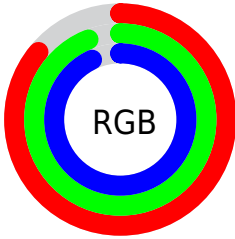
Format	Color
R _Y B	219, 230, 240
Decimal	14414062
CIE Lab	93.26, -7.24, -1.40
CIE LCh	93, 7.379, 190.948
Yxy	83.5533, 0.3004, 0.3311
Android (android.graphics.Color)	4292604142 (0xFFDBF0EE)
YUV	233.4930, 2.2220, -12.7104
Hunter-Lab	91.4075, -11.9294, 3.6487

Details

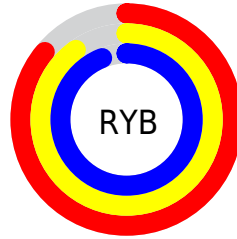
The XYZ color **75.8061, 83.5533, 93.0209** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.3209, 74.4109, 78.8561**, and the grayscale version is **77.8158, 81.8683, 89.1545**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8938, 45.5509, 50.8928** is the 20% darker color. If you saturate the color by 10%, you get **68.7662, 79.9650, 90.9482**, and if you desaturate by 10%, it is **83.8961, 87.6870, 95.1686**.

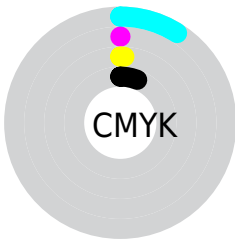
Distribution



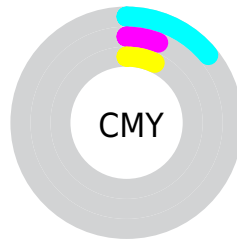
- Red (86%)
- Green (94%)
- Blue (93%)



- Red (86%)
- Yellow (90%)
- Blue (94%)



- Cyan (9%)
- Magenta (0%)
- Yellow (1%)
- Black (6%)



- Cyan (14%)
- Magenta (6%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.8061, 83.5533, 93.0209 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 75.8061, 83.5533, 93.0209 by changing the saturation by 10% instead.

75.8061, 83.5533,
93.0209

75.8061, 83.5533,
93.0209

469.6383,
506.8287, 558.6312

56.5700, 62.6467,
69.9011

126.4346,
138.3501, 153.4995

40.8989, 45.5555,
50.9696

158.5577,
173.0092, 191.6954

28.4274, 31.8952,
35.8079

195.7073,
213.0211, 235.7538

18.7902, 21.2814,
23.9973

238.2485,
258.7704, 286.0931

11.6219, 13.3299,
15.1195

286.5469,
310.6414, 343.1320

6.5571, 7.6561,
8.7557

340.9678,

3.2306, 3.8757,

369.0185, 407.2889

4.4876

401.8764,
434.2861, 478.9825

■ 1.2768, 1.6043,
1.8964

■ 0.1658, 0.3605,
0.4905

■ 75.8061, 83.5533,
93.0209

■ 75.8061, 83.5533,
93.0209

■ 68.7662, 79.9650,
90.9482

■ 83.8961, 87.6870,
95.1686

■ 62.7248, 76.8887,
88.9427


■ 88.5161, 90.0291,
97.1746


■ 57.6369, 74.3034,
87.0040


■ 88.8633, 90.1680,
99.0031


■ 53.4510, 72.1826,
85.1296


■ 89.2149, 90.3086,
100.8544

 50.1108, 70.4974,
83.3168


 89.5708, 90.4510,
102.7285


 47.5536, 69.2153,
81.5625


 89.9310, 90.5951,
104.6256

 45.7082, 68.2996,
79.8634

 90.2957, 90.7409,
106.5458

 44.4902, 67.7069,
78.2155

 90.4517, 90.8033,
107.3672

 43.7751, 67.3730,
76.6127

Harmonies

Analogous

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



75.9385, 83.5533, 87.5302



75.8061, 83.5533, 93.0209



76.6287, 83.5533, 98.1631

Triad

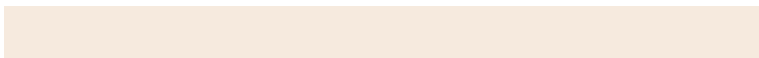
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.8061, 83.5533, 93.0209



81.8865, 83.5533, 99.2912



80.6396, 83.5533, 81.2399

Complementary

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



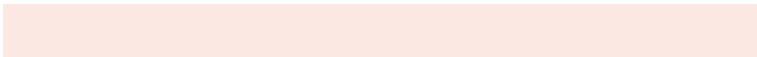
75.8061, 83.5533, 93.0209



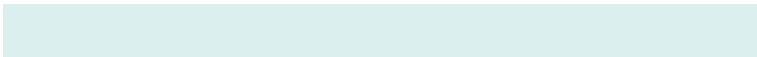
74.3209, 74.4109, 78.8561

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.



82.2678, 83.5533, 84.1473



75.8061, 83.5533, 93.0209



82.9958, 83.5533, 94.5097

Square

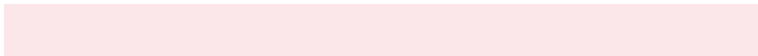
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



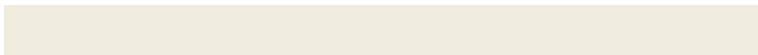
75.8061, 83.5533, 93.0209



80.1260, 83.5533, 101.8801



83.1365, 83.5533, 88.9600



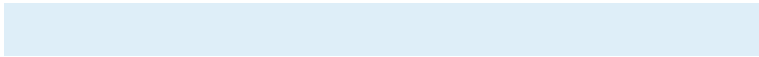
78.7080, 83.5533, 80.8778

Rectangle

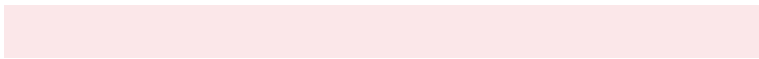
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



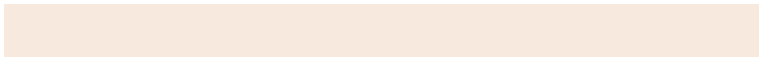
75.8061, 83.5533, 93.0209



77.6160, 83.5533, 100.6445



83.1365, 83.5533, 88.9600



81.2414, 83.5533, 81.9462

Sweetspot

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



75.8085, 83.5568, 93.0227



92.1740, 98.5309, 108.1532



73.7980, 82.8261, 79.1165



19.5686, 21.0077, 23.1068



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.



75.8085, 83.5568, 93.0227



85.0449, 94.8916, 106.1985



73.6882, 78.8424, 93.7766



16.1786, 17.9014, 19.9632



23.9483, 36.8713, 41.9720



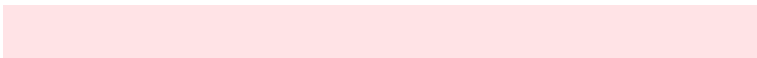
2.0110, 3.0749, 3.5905

Inverse Universe

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



74.3209, 74.4109, 78.8561



82.9258, 81.8630, 86.0182



76.3029, 78.7998, 78.2074



15.8340, 15.7833, 16.6823



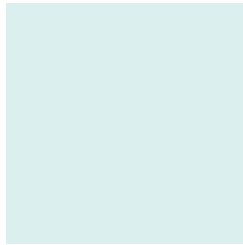
19.7767, 10.1831, 1.4749



1.6658, 0.8554, 0.2310

Previews

White Background



This preview shows how the XYZ color 75.8061, 83.5533, 93.0209 looks on a white background.

Color Contrast Check

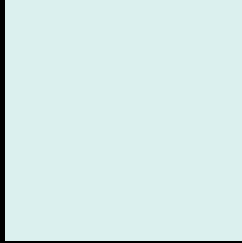
Large Text (above 18pt) WCAG AA × Fail

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 75.8061, 83.5533, 93.0209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

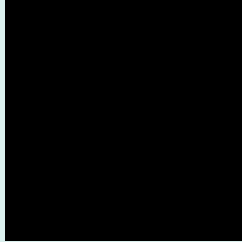
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

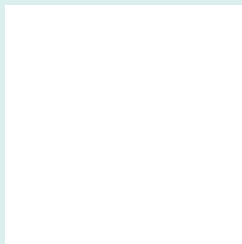
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.8061, 83.5533, 93.0209

Background



This preview shows how black text looks on a background with the XYZ color 75.8061, 83.5533, 93.0209.



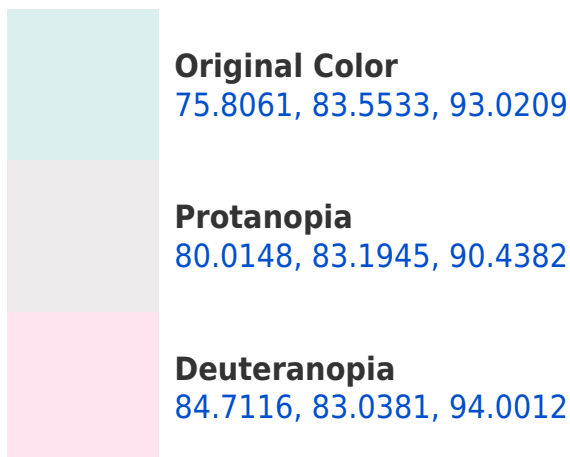
This preview shows how white text looks on a background with the XYZ color 75.8061, 83.5533,

93.0209.

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

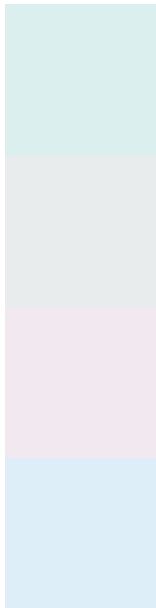




Tritanopia

78.7656, 83.4763, 106.5689

Trichromacy



Original Color

75.8061, 83.5533, 93.0209

Protanomaly

78.4145, 83.2028, 91.2837

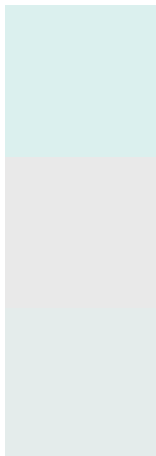
Deuteranomaly

81.0545, 82.8225, 93.3757

Tritanomaly

77.7976, 83.5182, 101.6428

Monochromacy



Original Color

75.8061, 83.5533, 93.0209

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.9858, 82.4830, 90.4605

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.8061, 83.5533, 93.0209 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(219, 240, 238) looks like.

```
.text, #text, p{  
    color:rgb(219, 240, 238)  
}
```

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(219, 240, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 240, 238) }
```

Border

The CSS property to change the border of an element to XYZ 75.8061, 83.5533, 93.0209 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(219, 240, 238) }
```


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

```
.border{ border-color:rgb(219, 240, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 240, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 240, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 240, 238);  
box-shadow:4px 4px 4px 4px rgb(219, 240,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 75.8061, 83.5533, 93.0209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 240, 238) }
```

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

```
.background{ background-color: rgb(219,  
240, 238) }
```

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