

Converting Colors

XYZ(73.9175, 83.2337, 83.1844)

Have a look what the booklet for
XYZ(73.9175, 83.2337, 83.1844)
contains.

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Color

**XYZ(73.9593, 83.2523,
83.4054)**

Conversions

Conversions Part 1

Format	Color
Hex	DAF1E1
RGB	218, 241, 225
RGB Percent	85%, 95%, 88%
CMY	0.1451, 0.0549, 0.1176
CMYK	0.10, 0.00, 0.07, 0.05
HSL	138°, 45%, 90%
HSV	138°, 10%, 95%
XYZ	73.9593, 83.2523, 83.4054
YIQ	232.2990, -8.5720, -9.8520

Conversions

Conversions Part 2

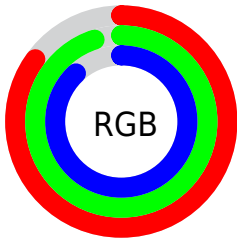
Format	Color
R_{YB}	218, 236, 241
Decimal	14348769
CIE _{Lab}	93.12, -10.47, 5.15
CIE _{LCh}	93, 11.672, 153.817
Yxy	83.2523, 0.3074, 0.3460
Android (android.graphics.Color)	4292538849 (0xFFDAF1E1)
YUV	232.2990, -3.5984, -12.5402
Hunter-Lab	91.2427, -14.9866, 9.6726

Details

The XYZ color **73.9593, 83.2523, 83.4054** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.2013, 74.7860, 88.2646**, and the grayscale version is **76.9583, 80.9662, 88.1722**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7089, 45.3867, 44.6978** is the 20% darker color. If you saturate the color by 10%, you get **65.0938, 78.9357, 71.6317**, and if you desaturate by 10%, it is **84.1021, 88.2060, 96.4148**.

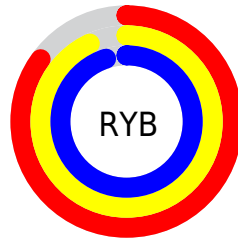
Distribution



Red (85%)

Green (95%)

Blue (88%)



Red (85%)

Yellow (93%)

Blue (95%)

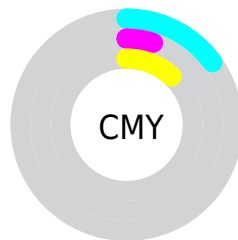


Cyan (10%)

Magenta (0%)

Yellow (7%)

Black (5%)



Cyan (15%)

Magenta (5%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.9593, 83.2523, 83.4054 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 73.9593, 83.2523, 83.4054 by changing the saturation by 10% instead.

73.9593, 83.2523,
83.4054

73.9593, 83.2523,
83.4054

463.3854,
505.8270, 526.3430

55.0519, 62.3983,
61.9821

123.8339,
137.9288, 139.9974

39.6773, 45.3546,
44.5825

155.5318,
172.5200, 176.0032

27.4701, 31.7368,
30.7882

192.2240,
212.4592, 217.7069

18.0650, 21.1606,
20.1805

234.2757,
258.1306, 265.5271

11.0966, 13.2414,
12.3409

282.0523,
309.9187, 319.8822

6.1996, 7.5950,
6.8510

335.9193,

3.0087, 3.8369,

368.2079, 381.1909

3.2920

396.2418,
433.3825, 449.8716

■ 1.1583, 1.5828,
1.2456

■ 0.0731, 0.3459,
0.0166

■ 73.9593, 83.2523,
83.4054

■ 73.9593, 83.2523,
83.4054

■ 65.0938, 78.9357,
71.6317

■ 84.1021, 88.2060,
96.4148

■ 57.4470, 75.2199,
61.0523

■ 90.7469, 91.3939,
107.4656

■ 50.9663, 72.0808,
51.6312

■ 45.5924, 69.4887,
43.3286

■ 41.2603, 67.4109,
36.1024

■ 37.8985, 65.8114,
29.9081

■ 35.4254, 64.6492,
24.6976

■ 33.7454, 63.8761,
20.4190

■ 32.7102, 63.4168,
17.0136

Harmonies

Analogous

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



75.8954, 83.2523, 77.3410



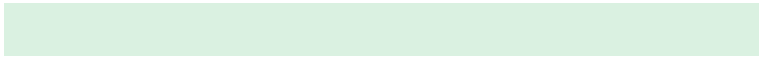
73.9593, 83.2523, 83.4054



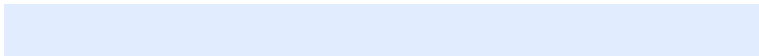
73.3954, 83.2523, 91.7753

Triad

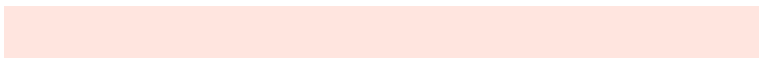
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.9593, 83.2523, 83.4054



79.5216, 83.2523, 108.5446



84.1246, 83.2523, 81.5787

Complementary

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



73.9593, 83.2523, 83.4054



76.2013, 74.7860, 88.2646

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.



85.1533, 83.2523, 89.5292



73.9593, 83.2523, 83.4054



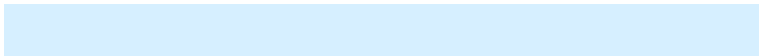
82.4528, 83.2523, 105.3991

Square

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



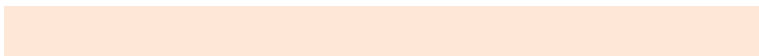
73.9593, 83.2523, 83.4054



76.5579, 83.2523, 106.6459



84.5338, 83.2523, 98.2974



81.7566, 83.2523, 76.3351

Rectangle

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



73.9593, 83.2523, 83.4054



73.8611, 83.2523, 97.6324



84.5338, 83.2523, 98.2974



84.6412, 83.2523, 84.0041

Sweetspot

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



73.9616, 83.2558, 83.4072



91.4462, 98.2398, 104.3204



78.0779, 85.4860, 78.7159



19.3720, 20.9291, 22.0716



0.0000, 0.0000, 0.0000



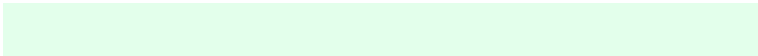
20.3446, 21.4041, 23.3091

Same Dimension

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



73.9616, 83.2558, 83.4072



82.4885, 93.8691, 92.7368



75.5700, 83.8992, 91.8767



15.7639, 17.7356, 17.7797



17.7682, 34.3993, 9.4282



1.5208, 2.8787, 1.0088

Inverse Universe

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



76.2013, 74.7860, 88.2646



85.4013, 82.8532, 99.0538



74.6150, 74.1515, 79.9112



16.2375, 15.9447, 18.8067



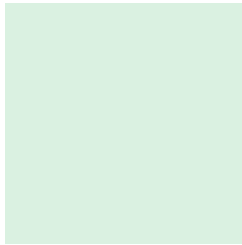
23.5499, 11.6924, 21.3440



2.0032, 0.9903, 2.0075

Previews

White Background



This preview shows how the XYZ color 73.9593, 83.2523, 83.4054 looks on a white background.

Color Contrast Check

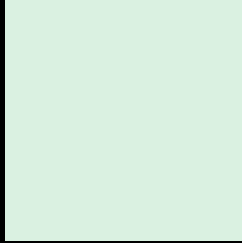
Large Text (above 18pt) WCAG AA × Fail

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 73.9593, 83.2523, 83.4054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

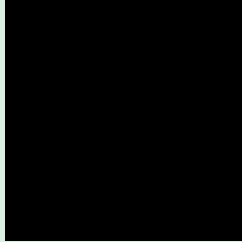
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

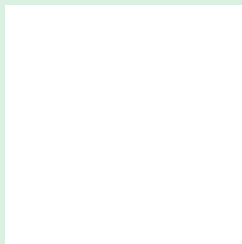
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.9593, 83.2523, 83.4054

Background



This preview shows how black text looks on a background with the XYZ color 73.9593, 83.2523, 83.4054.



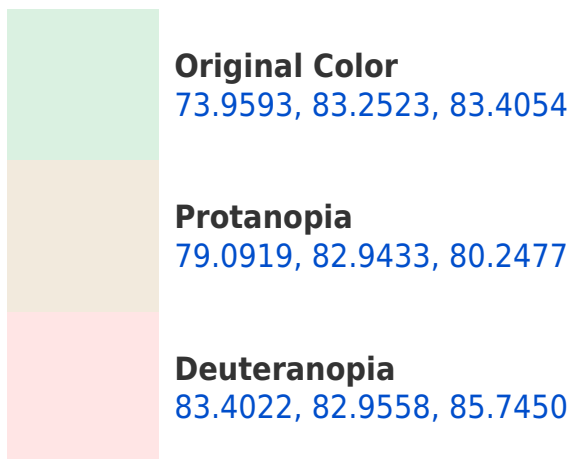
This preview shows how white text looks on a background with the XYZ color 73.9593, 83.2523,

83.4054.

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

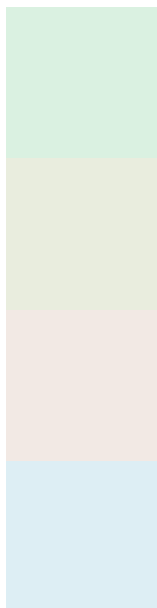




Tritanopia

78.4769, 82.8989, 106.4727

Trichromacy



Original Color

73.9593, 83.2523, 83.4054

Protanomaly

77.0733, 83.1659, 81.0977

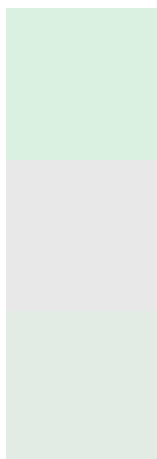
Deuteranomaly

79.7605, 82.7565, 85.1686

Tritanomaly

76.7225, 83.0529, 97.5751

Monochromacy



Original Color

73.9593, 83.2523, 83.4054

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.5297, 81.4047, 85.8606

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9593, 83.2523, 83.4054 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(218, 241, 225) looks like.

```
.text, #text, p{  
    color:rgb(218, 241, 225)  
}
```

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(218, 241, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 241, 225) }
```

Border

The CSS property to change the border of an element to XYZ 73.9593, 83.2523, 83.4054 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(218, 241, 225) }
```


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

```
.border{ border-color:rgb(218, 241, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 241, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 241, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 241, 225);  
box-shadow:4px 4px 4px 4px rgb(218, 241,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9593, 83.2523, 83.4054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 241, 225) }
```

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

```
.background{ background-color: rgb(218,  
241, 225) }
```

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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