

Converting Colors

XYZ(73.4328, 83.2372, 83.2572)

Have a look what the booklet for
XYZ(73.4328, 83.2372, 83.2572)
contains.

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Color

**XYZ(73.6616, 83.5394,
83.4765)**

Conversions

Conversions Part 1

Format	Color
Hex	D8F2E1
RGB	216, 242, 225
RGB Percent	85%, 95%, 88%
CMY	0.1529, 0.0510, 0.1176
CMYK	0.11, 0.00, 0.07, 0.05
HSL	141°, 50%, 90%
HSV	141°, 11%, 95%
XYZ	73.6616, 83.5394, 83.4765
YIQ	232.2880, -10.0390, -10.7990

Conversions

Conversions Part 2

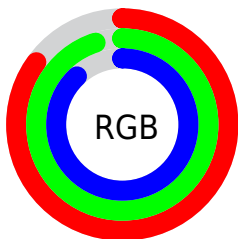
Format	Color
R _Y B	216, 235, 242
Decimal	14217953
CIE Lab	93.25, -11.63, 5.31
CIE LCh	93, 12.789, 155.447
Yxy	83.5394, 0.3061, 0.3471
Android (android.graphics.Color)	4292408033 (0xFFD8F2E1)
YUV	232.2880, -3.5930, -14.2846
Hunter-Lab	91.3999, -16.0919, 9.8297

Details

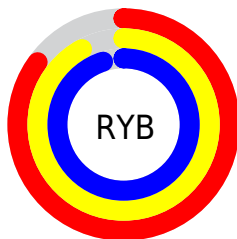
The XYZ color **73.6616, 83.5394, 83.4765** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.8848, 73.8742, 87.3542**, and the grayscale version is **76.9508, 80.9582, 88.1635**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5125, 45.5972, 44.7488** is the 20% darker color. If you saturate the color by 10%, you get **64.9722, 79.3002, 72.3189**, and if you desaturate by 10%, it is **83.6088, 88.4086, 95.7410**.

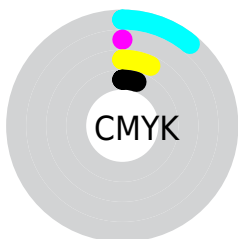
Distribution



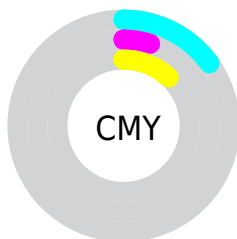
- Red (85%)
- Green (95%)
- Blue (88%)



- Red (85%)
- Yellow (92%)
- Blue (95%)



- Cyan (11%)
- Magenta (0%)
- Yellow (7%)
- Black (5%)



- Cyan (15%)
- Magenta (5%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.6616, 83.5394, 83.4765 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 73.6616, 83.5394, 83.4765 by changing the saturation by 10% instead.

73.6616, 83.5394,
83.4765

73.6616, 83.5394,
83.4765

462.3730,
506.7824, 526.5857

54.8074, 62.6352,
62.0404

123.4141,
138.3307, 140.0978

39.4808, 45.5462,
44.6294

155.0431,
172.9866, 176.1202

27.3164, 31.8878,
30.8248

191.6610,
212.9952, 217.8417

17.9488, 21.2758,
20.2081

233.6333,
258.7409, 265.6809

11.0127, 13.3258,
12.3608

281.3253,
310.6080, 320.0564

6.1427, 7.6533,
6.8644

335.1023,

2.9735, 3.8739,

368.9811, 381.3867

3.3003

395.3298,
434.2444, 450.0903

■ 1.1398, 1.6033,
1.2499

■ 0.0580, 0.3598,
0.0202

■ 73.6616, 83.5394,
83.4765

■ 73.6616, 83.5394,
83.4765

■ 64.9722, 79.3002,
72.3189

■ 83.6088, 88.4086,
95.7410

■ 57.4823, 75.6545,
62.2319

■ 91.0437, 91.9874,
107.5646

■ 51.1394, 72.5783,
53.1854

■ 45.8842, 70.0416,
45.1457

■ 41.6519, 68.0119,
38.0774

■ 38.3705, 66.4526,
31.9429

■ 35.9580, 65.3224,
26.7019

■ 34.3173, 64.5721,
22.3111

■ 33.3446, 64.1438,
18.9621

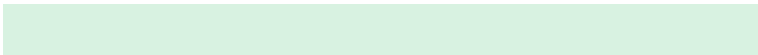
Harmonies

Analogous

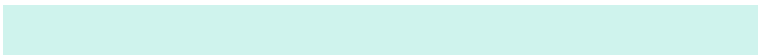
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.7087, 83.5394, 76.6862



73.6616, 83.5394, 83.4765



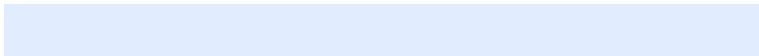
73.1342, 83.5394, 92.7302

Triad

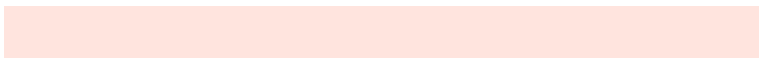
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.6616, 83.5394, 83.4765



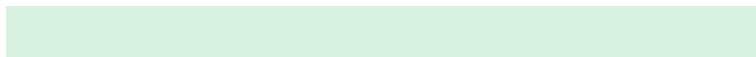
80.0173, 83.5394, 110.6786



84.7894, 83.5394, 80.6329

Complementary

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



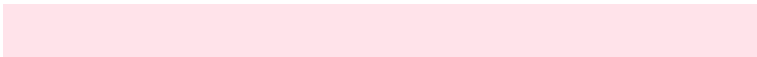
73.6616, 83.5394, 83.4765



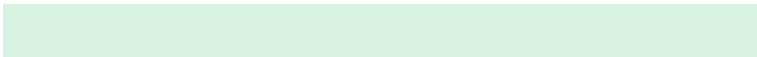
75.8848, 73.8742, 87.3542

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.



86.0174, 83.5394, 89.2129



73.6616, 83.5394, 83.4765



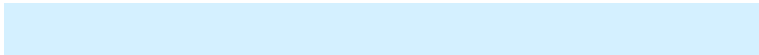
83.2129, 83.5394, 106.9039

Square

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



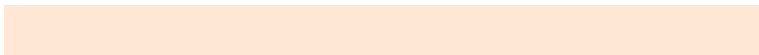
73.6616, 83.5394, 83.4765



76.7437, 83.5394, 108.8744



85.4325, 83.5394, 98.8783



82.1204, 83.5394, 75.1274

Rectangle

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



73.6616, 83.5394, 83.4765



73.7022, 83.5394, 99.1554



85.4325, 83.5394, 98.8783



85.3877, 83.5394, 83.2295

Sweetspot

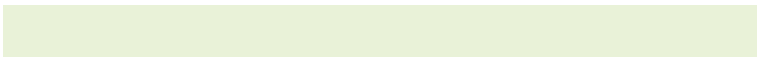
The Sweet Spot groups the original color and five complimentary colors.



73.6639, 83.5429, 83.4783



91.4963, 98.2598, 104.5843



77.8631, 85.8459, 77.4329



19.3855, 20.9345, 22.1426



0.0000, 0.0000, 0.0000



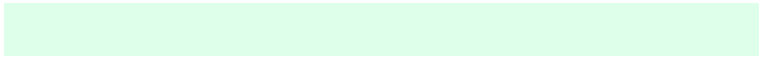
20.3446, 21.4041, 23.3091

Same Dimension

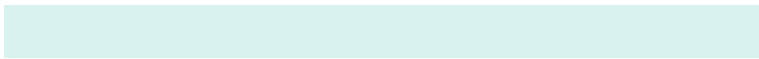
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.6639, 83.5429, 83.4783



80.5925, 92.9276, 91.0226



75.4574, 84.2604, 92.9229



15.7917, 17.7467, 17.9262



17.9701, 34.4800, 10.4913



1.5402, 2.8865, 1.1109

Inverse Universe

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



75.8848, 73.8742, 87.3542



83.5787, 79.9258, 96.2335



74.1388, 73.1758, 78.1602



16.2083, 15.9330, 18.6533



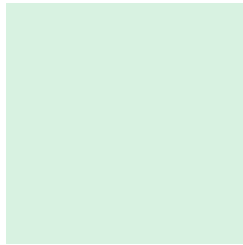
23.0649, 11.4984, 18.7901



1.9655, 0.9752, 1.8089

Previews

White Background



This preview shows how the XYZ color 73.6616, 83.5394, 83.4765 looks on a white background.

Color Contrast Check

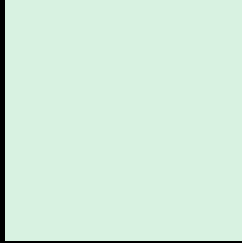
Large Text (above 18pt) WCAG AA × Fail

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 73.6616, 83.5394, 83.4765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

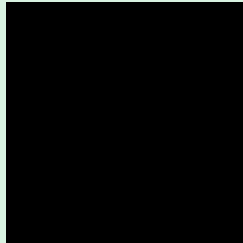
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

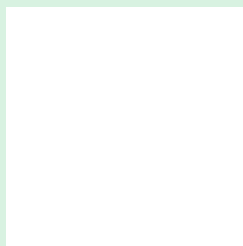
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.6616, 83.5394, 83.4765

Background



This preview shows how black text looks on a background with the XYZ color 73.6616, 83.5394, 83.4765.



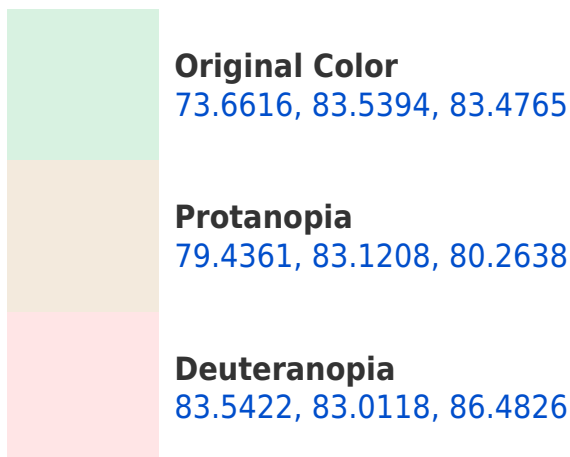
This preview shows how white text looks on a background with the XYZ color 73.6616, 83.5394,

83.4765.

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

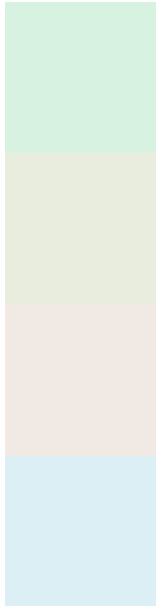




Tritanopia

78.4584, 83.3180, 106.5545

Trichromacy



Original Color

73.6616, 83.5394, 83.4765

Protanomaly

77.0733, 83.1659, 81.0977

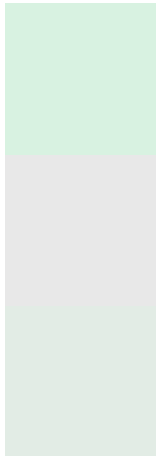
Deuteranomaly

79.7020, 83.1478, 85.2472

Tritanomaly

76.7108, 83.4803, 97.6582

Monochromacy



Original Color

73.6616, 83.5394, 83.4765

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.5023, 81.8168, 85.9416

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6616, 83.5394, 83.4765 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(216, 242, 225) looks like.

```
.text, #text, p{  
    color:rgb(216, 242, 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(216, 242, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 242, 225) }
```

Border

The CSS property to change the border of an element to XYZ 73.6616, 83.5394, 83.4765 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(216, 242, 225) }
```


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

```
.border{ border-color:rgb(216, 242, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 242, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 242, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 242, 225); box-shadow:4px 4px 4px 4px rgb(216, 242, 225) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6616, 83.5394, 83.4765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 242, 225) }
```

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

```
.background{ background-color: rgb(216,  
242, 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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