

Converting Colors

XYZ(73.1200, 83.4409, 79.0932)

Have a look what the booklet for
XYZ(73.1200, 83.4409, 79.0932)
contains.

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Color

**XYZ(73.1536, 83.3704,
79.2543)**

Conversions

Conversions Part 1

Format	Color
Hex	D9F2DB
RGB	217, 242, 219
RGB Percent	85%, 95%, 86%
CMY	0.1490, 0.0510, 0.1412
CMYK	0.10, 0.00, 0.10, 0.05
HSL	125°, 49%, 90%
HSV	125°, 10%, 95%
XYZ	73.1536, 83.3704, 79.2543
YIQ	231.9030, -7.5170, -12.4530

Conversions

Conversions Part 2

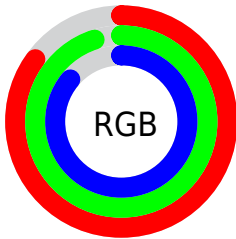
Format	Color
R _Y B	217, 240, 242
Decimal	14283483
CIE Lab	93.18, -12.37, 8.33
CIE LCh	93, 14.914, 146.060
Yxy	83.3704, 0.3103, 0.3536
Android (android.graphics.Color)	4292473563 (0xFFD9F2DB)
YUV	231.9030, -6.3612, -13.0699
Hunter-Lab	91.3074, -16.7774, 12.4518

Details

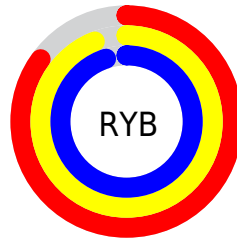
The XYZ color **73.1536, 83.3704, 79.2543** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.1620, 74.7963, 92.8124**, and the grayscale version is **76.6812, 80.6746, 87.8547**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1600, 45.4795, 41.8364** is the 20% darker color. If you saturate the color by 10%, you get **63.7433, 78.8379, 64.5232**, and if you desaturate by 10%, it is **84.0154, 88.6106, 96.1034**.

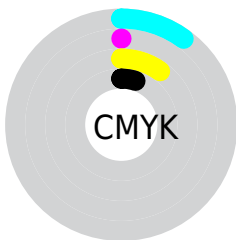
Distribution



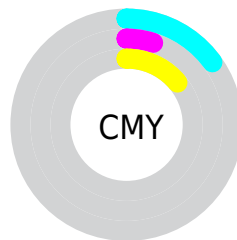
- Red (85%)
- Green (95%)
- Blue (86%)



- Red (85%)
- Yellow (94%)
- Blue (95%)



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





- Cyan (15%)
- Magenta (5%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.1536, 83.3704, 79.2543 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 73.1536, 83.3704, 79.2543 by changing the saturation by 10% instead.


 73.1536, 83.3704,
79.2543

 73.1536, 83.3704,
79.2543


460.6425,
506.2201, 512.0566

 54.3904, 62.4958,
58.5824


122.6972,
138.0941, 134.1187

 39.1458, 45.4334,
41.8592


154.2083,
172.7120, 169.1483

 27.0544, 31.7989,
28.6663


190.6994,
212.6797, 209.8008

 17.7509, 21.2080,
18.5851

232.5359,
258.3817, 256.4948

 10.8699, 13.2761,
11.1971

280.0831,
310.2023, 309.6488

 6.0460, 7.6190,
6.0838

333.7064,

 2.9140, 3.8521,

368.5260, 369.6814

2.8265

393.7711,
433.7372, 437.0112

■ 1.1085, 1.5912,
1.0067

■ 0.0322, 0.3516,
0.0000

■ 73.1536, 83.3704,
79.2543

■ 73.1536, 83.3704,
79.2543

■ 63.7433, 78.8379,
64.5232

■ 84.0154, 88.6106,
96.1034

■ 55.7165, 74.9728,
51.8210

■ 91.0437, 91.9874,
107.5646

■ 49.0099, 71.7466,
41.0605

■ 43.5526, 69.1250,
32.1461

■ 39.2672, 67.0700,
24.9740

■ 36.0674, 65.5399,
19.4303

■ 33.8551, 64.4866,
15.3873

■ 32.5145, 63.8536,
12.6986

■ 31.8743, 63.5557,
11.2198

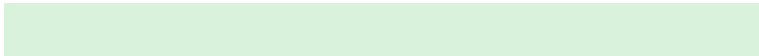
Harmonies

Analogous

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



75.9772, 83.3704, 72.7398



73.1536, 83.3704, 79.2543



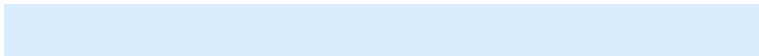
71.9600, 83.3704, 89.3016

Triad

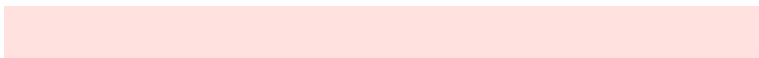
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.1536, 83.3704, 79.2543



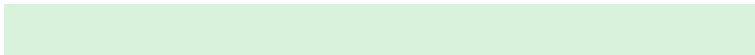
78.7245, 83.3704, 114.0483



86.2037, 83.3704, 81.6234

Complementary

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



73.1536, 83.3704, 79.2543



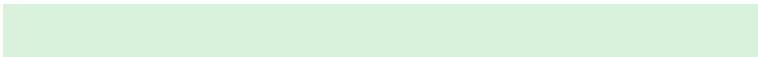
77.1620, 74.7963, 92.8124

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.



86.9974, 83.3704, 92.2670



73.1536, 83.3704, 79.2543



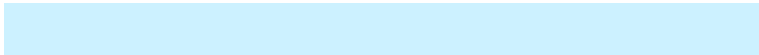
82.5971, 83.3704, 111.5718

Square

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



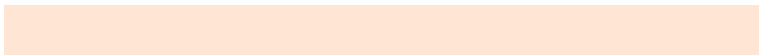
73.1536, 83.3704, 79.2543



75.1086, 83.3704, 109.8792



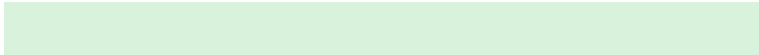
85.6572, 83.3704, 103.3639



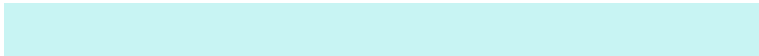
83.5224, 83.3704, 74.0265

Rectangle

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



73.1536, 83.3704, 79.2543



72.2193, 83.3704, 96.8770



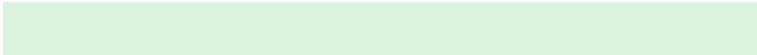
85.6572, 83.3704, 103.3639



86.7038, 83.3704, 84.9371

Sweetspot

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



73.1559, 83.3740, 79.2561



91.1787, 98.1328, 102.9119



80.3285, 87.1018, 78.2253



19.3000, 20.9003, 21.6929



0.0000, 0.0000, 0.0000



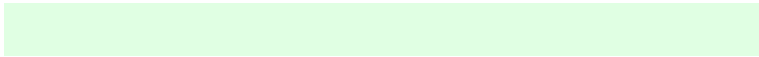
20.3446, 21.4041, 23.3091

Same Dimension

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



73.1559, 83.3740, 79.2561



80.4687, 92.9689, 86.2666



74.8174, 84.0385, 88.0053



15.6172, 17.6769, 17.0072



17.1415, 34.1486, 6.1282



1.4436, 2.8479, 0.6025

Inverse Universe

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



77.1620, 74.7963, 92.8124



85.6616, 81.8499, 103.8387



75.4140, 74.0971, 83.6073



16.3965, 16.0083, 19.6443



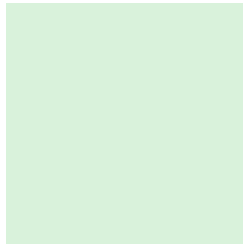
26.8248, 13.0023, 38.5893



2.2476, 1.0881, 3.2948

Previews

White Background



This preview shows how the XYZ color 73.1536, 83.3704, 79.2543 looks on a white background.

Color Contrast Check

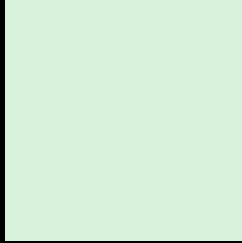
Large Text (above 18pt) WCAG AA × Fail

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 73.1536, 83.3704, 79.2543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

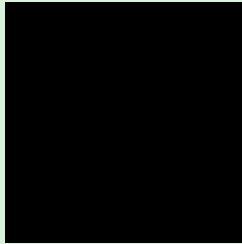
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

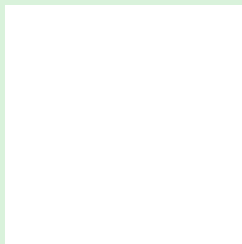
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.1536, 83.3704, 79.2543

Background



This preview shows how black text looks on a background with the XYZ color 73.1536, 83.3704, 79.2543.



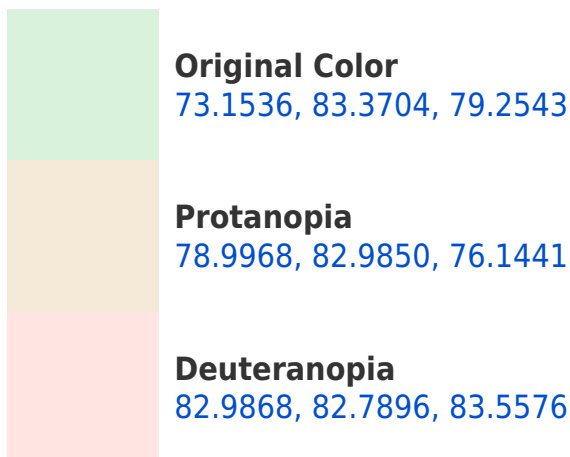
This preview shows how white text looks on a background with the XYZ color 73.1536, 83.3704,

79.2543.

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

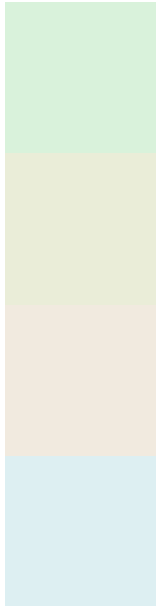




Tritanopia

78.7656, 83.4763, 106.5689

Trichromacy



Original Color

73.1536, 83.3704, 79.2543

Protanomaly

76.6105, 83.0187, 76.9521

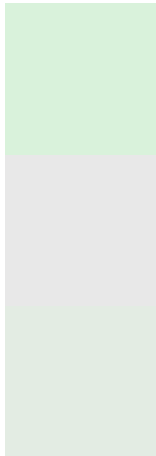
Deuteranomaly

79.0177, 82.8741, 81.6437

Tritanomaly

76.7123, 83.5160, 96.0814

Monochromacy



Original Color

73.1536, 83.3704, 79.2543

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.5391, 81.8678, 84.4938

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1536, 83.3704, 79.2543 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, 242, 219)` looks like.

```
.text, #text, p{  
    color:rgb(217, 242, 219)  
}
```

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, 242, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 242, 219) }
```

Border

The CSS property to change the border of an element to XYZ 73.1536, 83.3704, 79.2543 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, 242, 219) }
```


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

```
.border{ border-color:rgb(217, 242, 219) }
```

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

Here you see how a box with a 4 pixel rgb(217, 242, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 242, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 242, 219);  
box-shadow:4px 4px 4px 4px rgb(217, 242,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1536, 83.3704, 79.2543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 242, 219) }
```

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

```
.background{ background-color: rgb(217,  
242, 219) }
```

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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