

Converting Colors

XYZ(75.1424, 86.8415, 96.0951)

Have a look what the booklet for
XYZ(75.1424, 86.8415, 96.0951)
contains.

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Color

**XYZ(75.1767, 86.7511,
96.0015)**

Conversions

Conversions Part 1

Format	Color
Hex	CFF8F1
RGB	207, 248, 241
RGB Percent	81%, 97%, 95%
CMY	0.1882, 0.0274, 0.0549
CMYK	0.17, 0.00, 0.03, 0.03
HSL	170°, 75%, 89%
HSV	170°, 17%, 97%
XYZ	75.1767, 86.7511, 96.0015
YIQ	234.9430, -22.1890, -10.8690

Conversions

Conversions Part 2

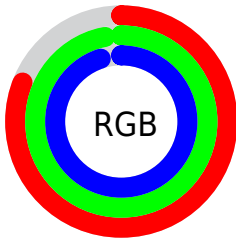
Format	Color
R_{YB}	207, 229, 248
Decimal	13629681
CIE _{Lab}	94.63, -14.46, -1.03
CIE _{LCh}	95, 14.501, 184.089
Yxy	86.7511, 0.2915, 0.3363
Android (android.graphics.Color)	4291819761 (0xFFCFF8F1)
YUV	234.9430, 2.9861, -24.5060
Hunter-Lab	93.1403, -18.9220, 4.0868

Details

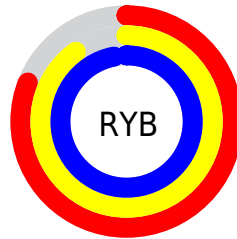
The XYZ color **75.1767, 86.7511, 96.0015** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.1649, 69.4394, 73.1690**, and the grayscale version is **78.9144, 83.0241, 90.4132**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5555, 47.8775, 53.0027** is the 20% darker color. If you saturate the color by 10%, you get **68.1599, 83.2084, 92.4099**, and if you desaturate by 10%, it is **83.3015, 90.8679, 99.7255**.

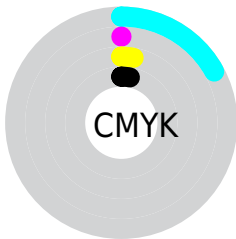
Distribution



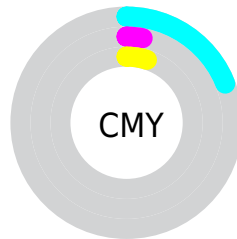
- Red (81%)
- Green (97%)
- Blue (95%)



- Red (81%)
- Yellow (90%)
- Blue (97%)



- Cyan (17%)
- Magenta (0%)
- Yellow (3%)
- Black (3%)



- Cyan (19%)
- Magenta (3%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.1767, 86.7511, 96.0015 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 75.1767, 86.7511, 96.0015 by changing the saturation by 10% instead.

75.1767, 86.7511,
96.0015

75.1767, 86.7511,
96.0015

467.5125,
517.4046, 568.4323

56.0523, 65.2892,
72.3673

125.5490,
142.8172, 157.6550

40.4821, 47.6957,
52.9701

157.5277,
178.1902, 196.5113

28.1005, 33.5859,
37.3914

194.5219,
218.9690, 241.2788

18.5423, 22.5757,
25.2125

236.8969,
265.5381, 292.3760

11.4420, 14.2805,
16.0150

285.0181,
318.2818, 350.2214

6.4345, 8.3160,
9.3803

339.2509,

3.1542, 4.2978,

377.5845, 415.2335

4.8899

399.9606,
443.8307, 487.8310

■ 1.2358, 1.8415,
2.1252

■ 0.1344, 0.5129,
0.6307

■ 75.1767, 86.7511,
96.0015

■ 75.1767, 86.7511,
96.0015

■ 68.1599, 83.2084,
92.4099

■ 83.3015, 90.8679,
99.7255

■ 62.1929, 80.2029,
88.9418

■ 91.9819, 95.2672,
103.5509

■ 57.2233, 77.7099,
85.5963

■ 92.6520, 95.5352,
107.0793

■ 53.1914, 75.6986,
82.3699

■ 92.8590, 95.6180,
108.1697

■ 50.0309, 74.1349,
79.2590

■ 47.6667, 72.9800,
76.2595

■ 46.0108, 72.1887,
73.3669

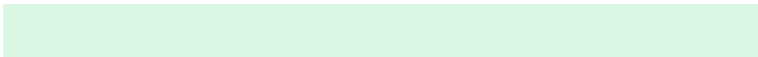
■ 44.9530, 71.7041,
70.5754

■ 44.6665, 71.5770,
69.6283

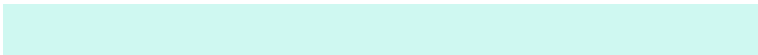
Harmonies

Analogous

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



75.8718, 86.7511, 85.3528



75.1767, 86.7511, 96.0015



76.3803, 86.7511, 107.0530

Triad

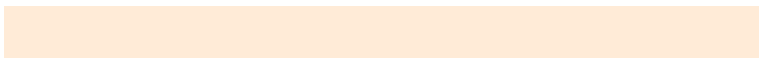
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.1767, 86.7511, 96.0015



86.7425, 86.7511, 113.4450



85.7852, 86.7511, 76.3751

Complementary

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



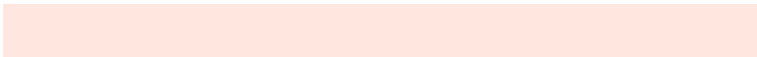
75.1767, 86.7511, 96.0015



73.1649, 69.4394, 73.1690

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.



88.8421, 86.7511, 82.8903



75.1767, 86.7511, 96.0015



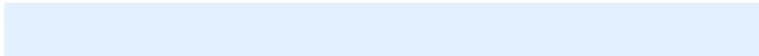
89.4069, 86.7511, 104.1871

Square

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



75.1767, 86.7511, 96.0015



82.9918, 86.7511, 117.6155



90.1871, 86.7511, 92.9296



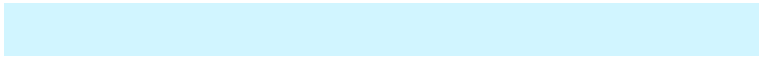
81.9192, 86.7511, 74.5577

Rectangle

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



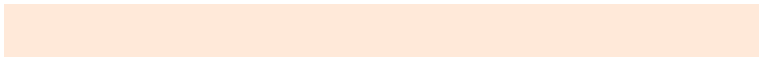
75.1767, 86.7511, 96.0015



78.1206, 86.7511, 113.0014



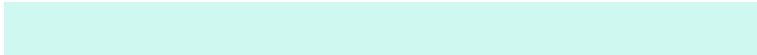
90.1871, 86.7511, 92.9296



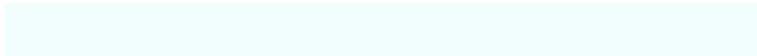
86.9454, 86.7511, 78.0616

Sweetspot

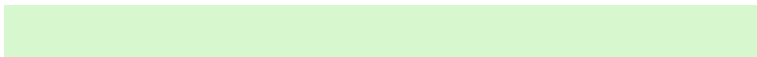
The Sweet Spot groups the original color and five complimentary colors.



75.1792, 86.7547, 96.0034



90.1651, 97.5220, 106.8515



72.7151, 86.0175, 71.8034



19.1574, 20.8019, 22.8096



0.0000, 0.0000, 0.0000



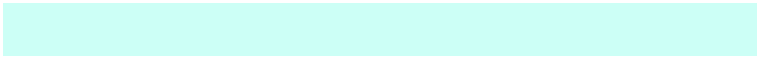
20.3446, 21.4041, 23.3091

Same Dimension

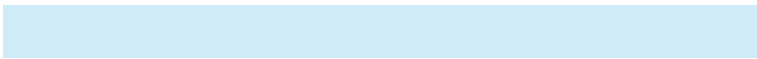
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.1792, 86.7547, 96.0034



77.3408, 91.0290, 100.9156



72.3911, 79.4720, 100.3354



17.6311, 19.5547, 21.5237



24.1737, 38.6825, 37.8537



2.2714, 3.5957, 3.6771

Inverse Universe

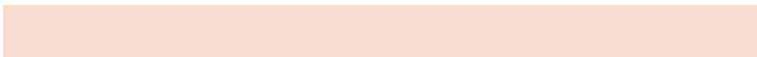
The Inverse Universe completely reimagines the original color for something new.



73.1649, 69.4394, 73.1690



74.8064, 69.2352, 72.1796



75.5656, 75.6418, 69.6504



17.3656, 17.2736, 18.5149



21.1758, 10.8860, 2.3681



1.9941, 1.0214, 0.3923

Previews

White Background



This preview shows how the XYZ color 75.1767, 86.7511, 96.0015 looks on a white background.

Color Contrast Check

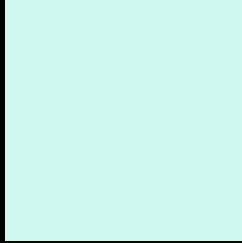
Large Text (above 18pt) WCAG AA × Fail

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 75.1767, 86.7511, 96.0015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

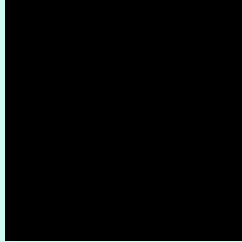
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

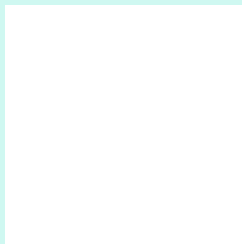
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.1767, 86.7511, 96.0015

Background



This preview shows how black text looks on a background with the XYZ color 75.1767, 86.7511, 96.0015.



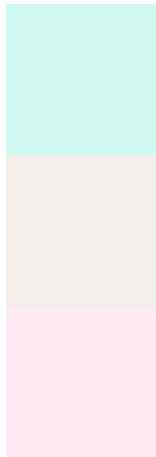
This preview shows how white text looks on a background with the XYZ color 75.1767, 86.7511,

96.0015.

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

75.1767, 86.7511, 96.0015

Protanopia

82.8782, 86.3803, 90.9022

Deuteranopia

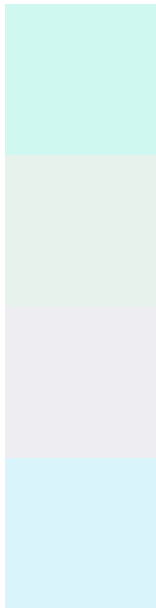
86.5566, 86.0089, 96.8334



Tritanopia

79.9263, 86.2539, 107.0438

Trichromacy



Original Color

75.1767, 86.7511, 96.0015

Protanomaly

79.9932, 86.6076, 92.6216

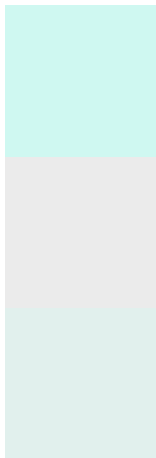
Deuteranomaly

81.8614, 85.7370, 96.2387

Tritanomaly

78.2213, 86.3552, 102.9880

Monochromacy



Original Color

75.1767, 86.7511, 96.0015

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

77.4975, 84.4422, 92.3352

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1767, 86.7511, 96.0015 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(207, 248, 241)` looks like.

```
.text, #text, p{  
    color:rgb(207, 248, 241)  
}
```

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(207, 248, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 248, 241) }
```

Border

The CSS property to change the border of an element to XYZ 75.1767, 86.7511, 96.0015 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(207, 248, 241) }
```


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

```
.border{ border-color:rgb(207, 248, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 248, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 248, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 248, 241);  
box-shadow:4px 4px 4px 4px rgb(207, 248,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1767, 86.7511, 96.0015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 248, 241) }
```

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

```
.background{ background-color: rgb(207,  
248, 241) }
```

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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