

Converting Colors

XYZ(75.4940, 86.2614, 91.7764)

Have a look what the booklet for
XYZ(75.4940, 86.2614, 91.7764)
contains.

XYZ(75.5367, 86.1138, 91.9973)	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(75.5367, 86.1138,
91.9973)**

Conversions

Conversions Part 1

Format	Color
Hex	D5F6EC
RGB	213, 246, 236
RGB Percent	84%, 96%, 93%
CMY	0.1647, 0.0353, 0.0745
CMYK	0.13, 0.00, 0.04, 0.04
HSL	162°, 65%, 90%
HSV	162°, 13%, 96%
XYZ	75.5367, 86.1138, 91.9973
YIQ	234.9930, -16.4580, -10.1060

Conversions

Conversions Part 2

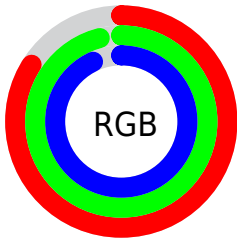
Format	Color
R _Y B	213, 232, 246
Decimal	14022380
CIE Lab	94.36, -12.56, 1.20
CIE LCh	94, 12.614, 174.531
Yxy	86.1138, 0.2978, 0.3395
Android (android.graphics.Color)	4292212460 (0xFFD5F6EC)
YUV	234.9930, 0.4965, -19.2879
Hunter-Lab	92.7975, -17.0976, 6.1795

Details

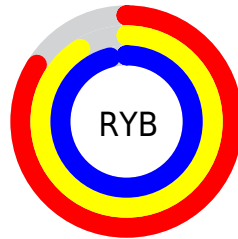
The XYZ color **75.5367, 86.1138, 91.9973** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.1227, 72.5114, 79.8527**, and the grayscale version is **78.9677, 83.0801, 90.4743**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7522, 47.3913, 50.1796** is the 20% darker color. If you saturate the color by 10%, you get **67.8749, 82.2889, 86.1022**, and if you desaturate by 10%, it is **84.3310, 90.5220, 98.1852**.

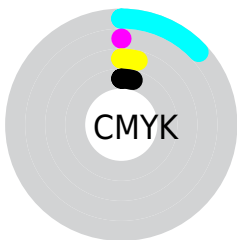
Distribution



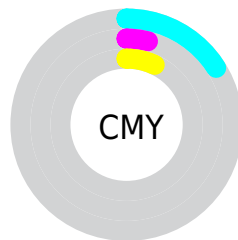
- Red (84%)
- Green (96%)
- Blue (93%)



- Red (84%)
- Yellow (91%)
- Blue (96%)



- Cyan (13%)
- Magenta (0%)
- Yellow (4%)
- Black (4%)



- Cyan (16%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.5367, 86.1138, 91.9973 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 75.5367, 86.1138, 91.9973 by changing the saturation by 10% instead.

75.5367, 86.1138,
91.9973

75.5367, 86.1138,
91.9973

468.7291,
515.3064, 555.2437

56.3484, 64.7621,
69.0554

126.0556,
141.9283, 152.0693

40.7204, 47.2682,
50.2848

158.1170,
177.1598, 190.0365

28.2874, 33.2477,
35.2670

195.2001,
217.7868, 233.8491

18.6840, 22.3163,
23.5834

237.6703,
264.1935, 283.9258

11.5448, 14.0895,
14.8155

285.8929,
316.7645, 340.6851

6.5045, 8.1829,
8.5448

340.2334,

3.1978, 4.2122,

375.8840, 404.5454

4.3528

401.0570,
441.9365, 475.9255

■ 1.2592, 1.7930,
1.8208

■ 0.1524, 0.4828,
0.4416

■ 75.5367, 86.1138,
91.9973

■ 75.5367, 86.1138,
91.9973

■ 67.8749, 82.2889,
86.1022

■ 84.3310, 90.5220,
98.1852

■ 61.2891, 79.0113,
80.4889

■ 91.5965, 94.1344,
104.5386

■ 55.7290, 76.2572,
75.1541

■ 92.2474, 94.3947,
107.9658

■ 51.1370, 73.9973,
70.0920

■ 47.4499, 72.1988,
65.2967

■ 44.5967, 70.8254,
60.7618

■ 42.4952, 69.8346,
56.4803

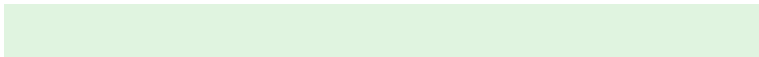
■ 41.0455, 69.1751,
52.4444

■ 40.3500, 68.8718,
49.9149

Harmonies

Analogous

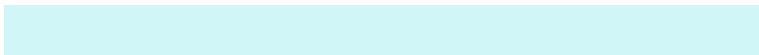
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.6594, 86.1138, 83.3539



75.5367, 86.1138, 91.9973



76.0669, 86.1138, 101.7205

Triad

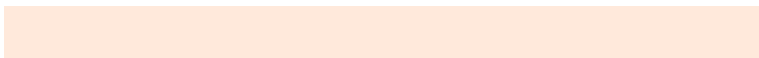
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.5367, 86.1138, 91.9973



84.5818, 86.1138, 111.7711



85.6852, 86.1138, 79.3815

Complementary

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



75.5367, 86.1138, 91.9973



75.1227, 72.5114, 79.8527

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.



87.9160, 86.1138, 86.2323



75.5367, 86.1138, 91.9973



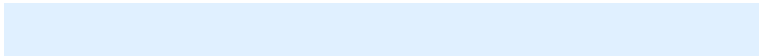
87.2668, 86.1138, 105.0052

Square

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



75.5367, 86.1138, 91.9973



81.2296, 86.1138, 113.5776



88.5026, 86.1138, 95.5517



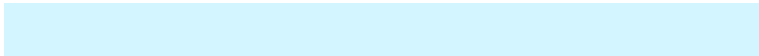
82.4707, 86.1138, 76.3989

Rectangle

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



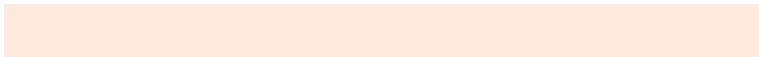
75.5367, 86.1138, 91.9973



77.2942, 86.1138, 107.4580



88.5026, 86.1138, 95.5517



86.5784, 86.1138, 81.2845

Sweetspot

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



75.5391, 86.1174, 91.9992



90.9026, 97.9190, 106.1285



75.5391, 86.4790, 75.6630



19.2949, 20.8774, 22.6055



0.0000, 0.0000, 0.0000



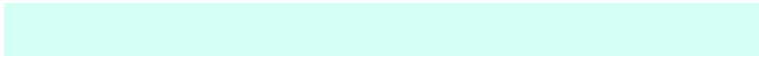
20.3446, 21.4041, 23.3091

Same Dimension

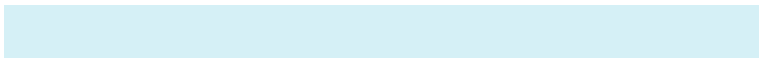
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.5391, 86.1174, 91.9992



79.6723, 92.2952, 98.1195



75.2233, 83.0941, 99.2671



16.7703, 18.6672, 20.0746



21.6015, 36.7854, 26.9848



1.9441, 3.2513, 2.6113

Inverse Universe

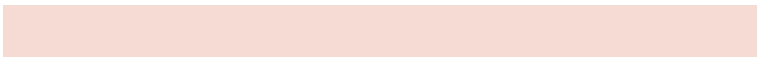
The Inverse Universe completely reimagines the original color for something new.



75.1227, 72.5114, 79.8527



79.1426, 74.9766, 82.6606



75.3637, 75.0885, 73.4737



16.7059, 16.5652, 18.1977



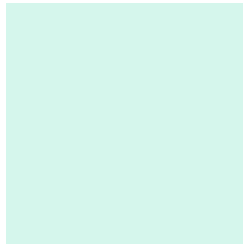
21.0104, 10.7476, 4.7630



1.8903, 0.9621, 0.6488

Previews

White Background



This preview shows how the XYZ color 75.5367, 86.1138, 91.9973 looks on a white background.

Color Contrast Check

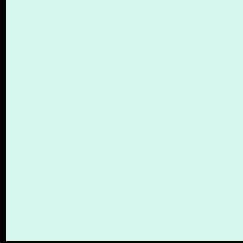
Large Text (above 18pt) WCAG AA × Fail

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 75.5367, 86.1138, 91.9973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

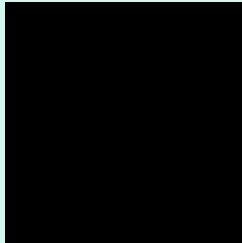
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

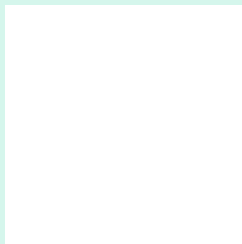
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.5367, 86.1138, 91.9973

Background



This preview shows how black text looks on a background with the XYZ color 75.5367, 86.1138, 91.9973.



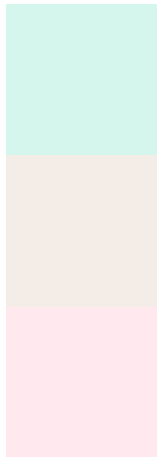
This preview shows how white text looks on a background with the XYZ color 75.5367, 86.1138,

91.9973.

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

75.5367, 86.1138, 91.9973

Protanopia

82.0162, 85.5710, 87.7954

Deuteranopia

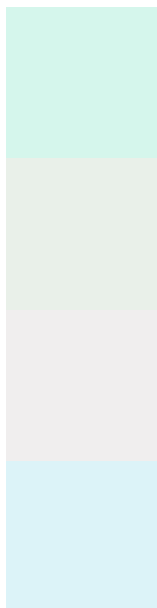
85.9589, 85.7698, 93.6861



Tritanopia

80.2458, 85.9779, 106.9737

Trichromacy



Original Color

75.5367, 86.1138, 91.9973

Protanomaly

79.4723, 85.5270, 89.4105

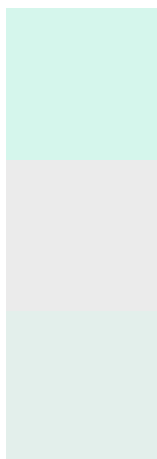
Deuteranomaly

81.9423, 85.8474, 93.1403

Tritanomaly

78.5091, 86.0941, 101.2869

Monochromacy



Original Color

75.5367, 86.1138, 91.9973

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

77.5405, 84.0621, 90.7360

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.5367, 86.1138, 91.9973 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(213, 246, 236) looks like.

```
.text, #text, p{  
    color:rgb(213, 246, 236)  
}
```

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(213, 246, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 246, 236) }
```

Border

The CSS property to change the border of an element to XYZ 75.5367, 86.1138, 91.9973 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(213, 246, 236) }
```


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

```
.border{ border-color:rgb(213, 246, 236) }
```

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

Here you see how a box with a 4 pixel rgb(213, 246, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 246, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 246, 236);  
box-shadow:4px 4px 4px 4px rgb(213, 246,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 75.5367, 86.1138, 91.9973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 246, 236) }
```

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

```
.background{ background-color: rgb(213,  
246, 236) }
```

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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