

Converting Colors

XYZ(75.8709, 86.8154, 95.8563)

Have a look what the booklet for
XYZ(75.8709, 86.8154, 95.8563)
contains.

XYZ(75.7163, 86.5740, 95.9389)	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(75.7163, 86.5740,
95.9389)**

Conversions

Conversions Part 1

Format	Color
Hex	D2F7F1
RGB	210, 247, 241
RGB Percent	82%, 97%, 95%
CMY	0.1765, 0.0314, 0.0549
CMYK	0.15, 0.00, 0.02, 0.03
HSL	170°, 70%, 90%
HSV	170°, 15%, 97%
XYZ	75.7163, 86.5740, 95.9389
YIQ	235.2530, -20.1260, -9.7100

Conversions

Conversions Part 2

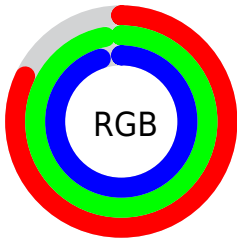
Format	Color
R _Y B	210, 230, 247
Decimal	13826033
CIE Lab	94.56, -13.04, -1.12
CIE LCh	95, 13.084, 184.920
Yxy	86.5740, 0.2932, 0.3353
Android (android.graphics.Color)	4292016113 (0xFFD2F7F1)
YUV	235.2530, 2.8333, -22.1469
Hunter-Lab	93.0452, -17.5731, 3.9977

Details

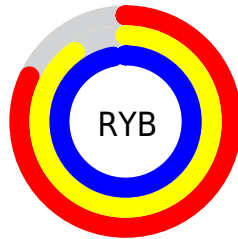
The XYZ color **75.7163, 86.5740, 95.9389** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.8021, 70.8276, 74.7508**, and the grayscale version is **79.1504, 83.2724, 90.6836**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9053, 47.7329, 52.9564** is the 20% darker color. If you saturate the color by 10%, you get **68.6280, 82.9906, 92.5182**, and if you desaturate by 10%, it is **83.9081, 90.7294, 99.4837**.

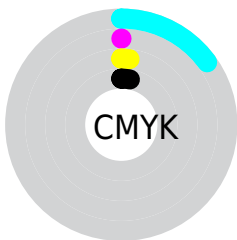
Distribution



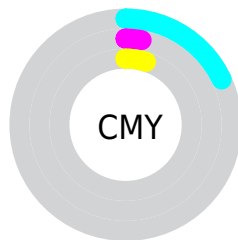
- Red (82%)
- Green (97%)
- Blue (95%)



- Red (82%)
- Yellow (90%)
- Blue (97%)



- Cyan (15%)
- Magenta (0%)
- Yellow (2%)
- Black (3%)



- Cyan (18%)
- Magenta (3%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.7163, 86.5740, 95.9389 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 75.7163, 86.5740, 95.9389 by changing the saturation by 10% instead.

75.7163, 86.5740,
95.9389

75.7163, 86.5740,
95.9389

469.3353,
516.8220, 568.2274

56.4961, 65.1427,
72.3155

126.3083,
142.5702, 157.5678

40.8394, 47.5768,
52.9280

158.4108,
177.9040, 196.4104

28.3807, 33.4919,
37.3580

195.5382,
218.6406, 241.1631

18.7548, 22.5035,
25.1868

238.0558,
265.1647, 292.2444

11.5962, 14.2274,
15.9960

286.3290,
317.8604, 350.0730

6.5396, 8.2790,
9.3670

340.7230,

3.2196, 4.2740,

377.1123, 415.0673

4.8813

401.6034,
443.3047, 487.6459

■ 1.2709, 1.8280,
2.1202

■ 0.1613, 0.5045,
0.6278

■ 75.7163, 86.5740,
95.9389

■ 75.7163, 86.5740,
95.9389

■ 68.6280, 82.9906,
92.5182

■ 83.9081, 90.7294,
99.4837

■ 62.5862, 79.9428,
89.2129

■ 91.6038, 94.6252,
103.0726

■ 57.5396, 77.4066,
86.0221

■ 92.2358, 94.8780,
106.4005

■ 53.4299, 75.3519,
82.9426

■ 92.5523, 95.0047,
108.0674

■ 50.1927, 73.7455,
79.9709

■ 47.7552, 72.5498,
77.1032

■ 46.0327, 71.7214,
74.3350

■ 44.9211, 71.2063,
71.6610

■ 44.5164, 71.0263,
70.3505

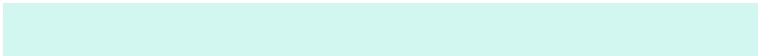
Harmonies

Analogous

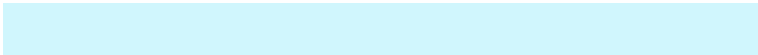
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.2987, 86.5740, 86.2735



75.7163, 86.5740, 95.9389



76.8528, 86.5740, 105.8180

Triad

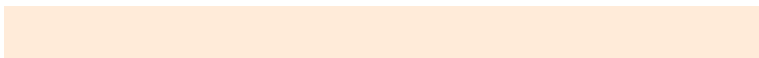
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.7163, 86.5740, 95.9389



86.2270, 86.5740, 111.0929



85.1925, 86.5740, 77.7540

Complementary

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



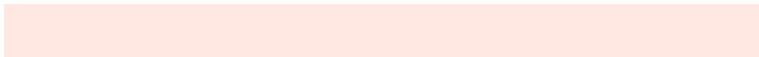
75.7163, 86.5740, 95.9389



73.8021, 70.8276, 74.7508

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.



87.9694, 86.5740, 83.5839



75.7163, 86.5740, 95.9389



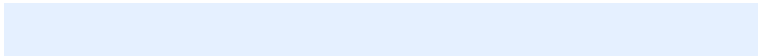
88.5786, 86.5740, 102.7341

Square

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



75.7163, 86.5740, 95.9389



82.8686, 86.5740, 114.9564



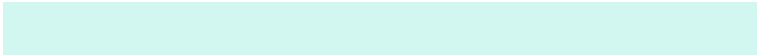
89.2251, 86.5740, 92.6094



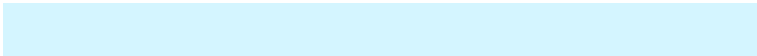
81.7061, 86.5740, 76.2175

Rectangle

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



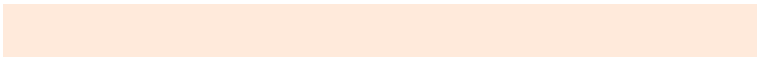
75.7163, 86.5740, 95.9389



78.4518, 86.5740, 111.0582



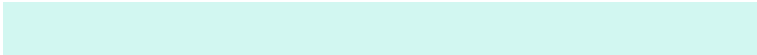
89.2251, 86.5740, 92.6094



86.2431, 86.5740, 79.2551

Sweetspot

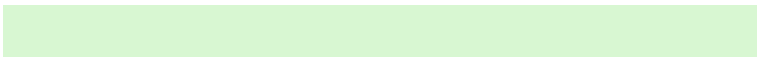
The Sweet Spot groups the original color and five complimentary colors.



75.7188, 86.5776, 95.9408



91.1311, 98.0104, 107.3318



73.2645, 85.8027, 73.6744



19.3528, 20.9006, 22.9108



0.0000, 0.0000, 0.0000



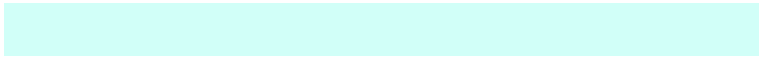
20.3446, 21.4041, 23.3091

Same Dimension

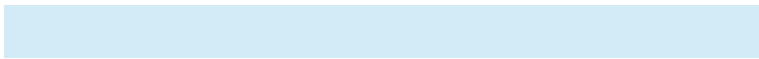
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.7188, 86.5776, 95.9408



78.9568, 91.8395, 102.0093



72.9825, 79.6460, 99.5265



16.8745, 18.7089, 20.6232



23.5870, 37.5796, 37.4403



2.1033, 3.3150, 3.4496

Inverse Universe

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



73.8021, 70.8276, 74.7508



76.5305, 71.8962, 75.1808



76.2035, 76.8499, 71.7914



16.6088, 16.5264, 17.6864



20.5231, 10.5527, 2.1970



1.8351, 0.9400, 0.3580

Previews

White Background



This preview shows how the XYZ color 75.7163, 86.5740, 95.9389 looks on a white background.

Color Contrast Check

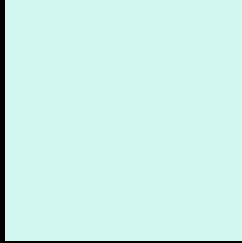
Large Text (above 18pt) WCAG AA × Fail

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 75.7163, 86.5740, 95.9389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

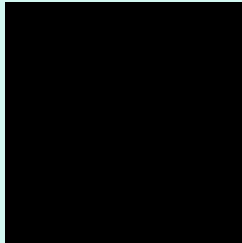
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

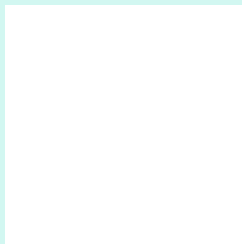
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.7163, 86.5740, 95.9389

Background



This preview shows how black text looks on a background with the XYZ color 75.7163, 86.5740, 95.9389.



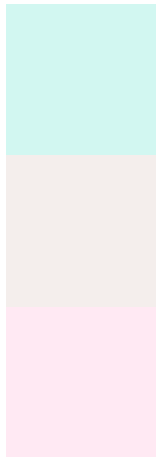
This preview shows how white text looks on a background with the XYZ color 75.7163, 86.5740,

95.9389.

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

75.7163, 86.5740, 95.9389

Protanopia

83.0231, 86.4383, 91.6654

Deuteranopia

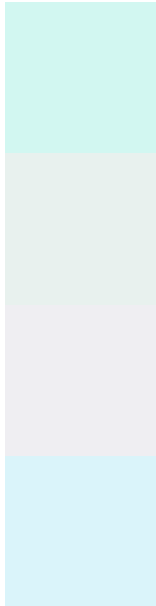
86.5566, 86.0089, 96.8334



Tritanopia

80.2336, 86.4122, 107.0582

Trichromacy



Original Color

75.7163, 86.5740, 95.9389

Protanomaly

80.1666, 86.2394, 93.3096

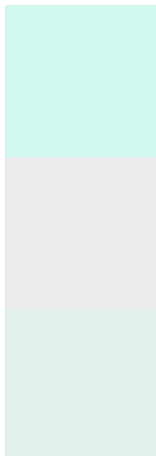
Deuteranomaly

82.1982, 85.9106, 96.2545

Tritanomaly

78.5194, 86.5089, 103.0020

Monochromacy



Original Color

75.7163, 86.5740, 95.9389

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

77.5166, 84.0162, 92.2519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7163, 86.5740, 95.9389 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(210, 247, 241)` looks like.

```
.text, #text, p{  
    color:rgb(210, 247, 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(210, 247, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 247, 241) }
```

Border

The CSS property to change the border of an element to XYZ 75.7163, 86.5740, 95.9389 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(210, 247, 241) }
```


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

```
.border{ border-color:rgb(210, 247, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 247, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 247, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 247, 241);  
box-shadow:4px 4px 4px 4px rgb(210, 247,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7163, 86.5740, 95.9389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 247, 241) }
```

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

```
.background{ background-color: rgb(210,  
247, 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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