

Converting Colors

XYZ(75.6379, 85.0941, 97.4210)

Have a look what the booklet for
XYZ(75.6379, 85.0941, 97.4210)
contains.

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Color

**XYZ(75.6797, 85.1695,
97.2446)**

Conversions

Conversions Part 1

Format	Color
Hex	D4F4F3
RGB	212, 244, 243
RGB Percent	83%, 96%, 95%
CMY	0.1686, 0.0431, 0.0471
CMYK	0.13, 0.00, 0.00, 0.04
HSL	178°, 59%, 89%
HSV	178°, 13%, 96%
XYZ	75.6797, 85.1695, 97.2446
YIQ	234.3180, -18.7510, -7.0950

Conversions

Conversions Part 2

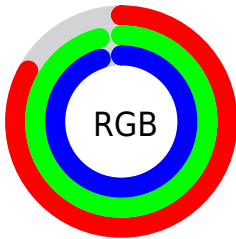
Format	Color
R _Y B	212, 228, 244
Decimal	13956339
CIE Lab	93.96, -10.52, -3.02
CIE LCh	94, 10.945, 196.041
Yxy	85.1695, 0.2932, 0.3300
Android (android.graphics.Color)	4292146419 (0xFFD4F4F3)
YUV	234.3180, 4.2802, -19.5729
Hunter-Lab	92.2873, -15.1249, 2.1263

Details

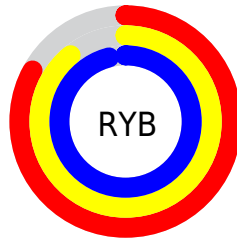
The XYZ color **75.6797, 85.1695, 97.2446** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.8650, 71.1264, 72.8429**, and the grayscale version is **78.4284, 82.5128, 89.8564**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8575, 46.7224, 53.8786** is the 20% darker color. If you saturate the color by 10%, you get **69.0558, 81.7704, 96.3344**, and if you desaturate by 10%, it is **83.3719, 89.1239, 98.2109**.

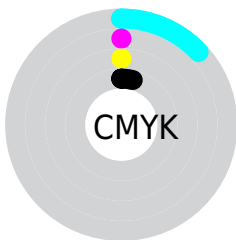
Distribution



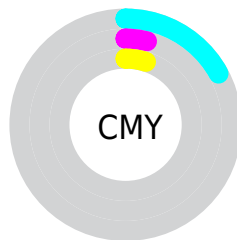
- Red (83%)
- Green (96%)
- Blue (95%)



- Red (83%)
- Yellow (89%)
- Blue (96%)



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



- Cyan (17%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.6797, 85.1695, 97.2446 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 75.6797, 85.1695, 97.2446 by changing the saturation by 10% instead.

75.6797, 85.1695,
97.2446

75.6797, 85.1695,
97.2446

469.2118,
512.1888, 572.4930

56.4660, 63.9814,
73.3974

126.2568,
140.6100, 159.3841

40.8152, 46.6356,
53.8072

158.3510,
175.6312, 198.5135

28.3617, 32.7477,
38.0554

195.4693,
216.0322, 243.5741

18.7403, 21.9332,
25.7235

237.9773,
262.1975, 294.9843

11.5857, 13.8079,
16.3930

286.2401,
314.5114, 353.1628

6.5324, 7.9871,
9.6453

340.6233,

3.2152, 4.0867,

373.3583, 418.5281

5.0619

401.4920,
439.1226, 491.4986

■ 1.2685, 1.7222,
2.2243

■ 0.1595, 0.4380,
0.6883

■ 75.6797, 85.1695,
97.2446

■ 75.6797, 85.1695,
97.2446

■ 69.0558, 81.7704,
96.3344

■ 83.3719, 89.1239,
98.2109

■ 63.4454, 78.8914,
95.4723

■ 90.0023, 92.5286,
99.1283

■ 58.7997, 76.5097,
94.6579

■ 90.1191, 92.5753,
99.7433

■ 55.0632, 74.5966,
93.8885

■ 90.2364, 92.6222,
100.3609

■ 52.1746, 73.1205,
93.1613

■ 90.3542, 92.6693,
100.9810

■ 50.0651, 72.0461,
92.4731

■ 90.4724, 92.7166,
101.6037

■ 48.6552, 71.3323,
91.8201

■ 90.5911, 92.7641,
102.2290

■ 47.8484, 70.9293,
91.1979

■ 90.7104, 92.8118,
102.8567

■ 47.5440, 70.7812,
90.7827

■ 90.8301, 92.8596,
103.4871

Harmonies

Analogous

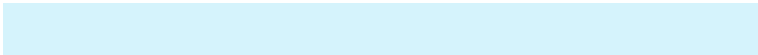
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.6293, 85.1695, 88.9141



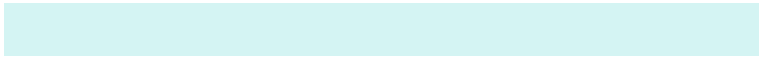
75.6797, 85.1695, 97.2446



77.1200, 85.1695, 104.7844

Triad

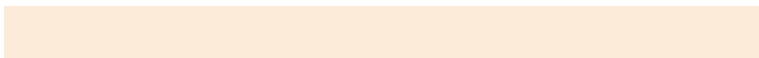
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.6797, 85.1695, 97.2446



85.0557, 85.1695, 104.3375



82.3116, 85.1695, 78.0043

Complementary

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



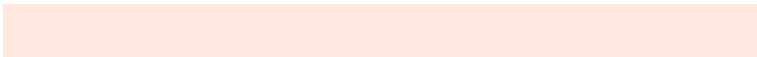
75.6797, 85.1695, 97.2446



72.8650, 71.1264, 72.8429

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.



84.9069, 85.1695, 81.6469



75.6797, 85.1695, 97.2446



86.5168, 85.1695, 96.6641

Square

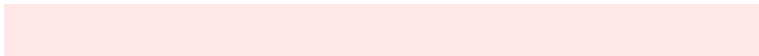
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.6797, 85.1695, 97.2446



82.5107, 85.1695, 109.0443



86.4617, 85.1695, 88.3672



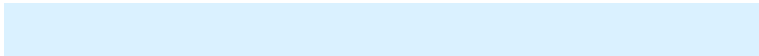
79.4112, 85.1695, 78.1390

Rectangle

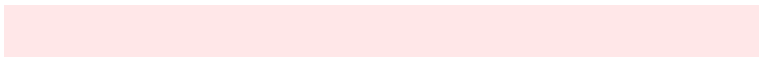
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



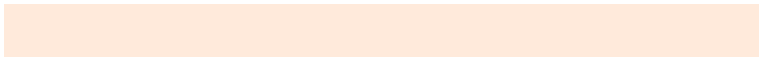
75.6797, 85.1695, 97.2446



78.6948, 85.1695, 108.2014



86.4617, 85.1695, 88.3672



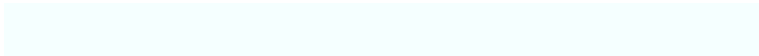
83.2500, 85.1695, 78.8177

Sweetspot

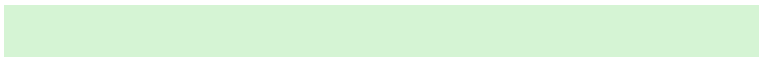
The Sweet Spot groups the original color and five complimentary colors.



75.6821, 85.1730, 97.2465



91.3450, 98.0959, 108.4580



71.6967, 83.6145, 74.6491



19.4072, 20.9224, 23.1969



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

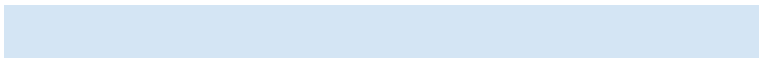
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.6821, 85.1730, 97.2465



81.3946, 92.9841, 107.1892



71.5207, 76.6069, 96.6092



16.9729, 18.7483, 21.1418



25.8606, 38.4891, 49.4132



2.2798, 3.3856, 4.3795

Inverse Universe

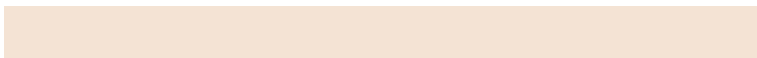
The Inverse Universe completely reimagines the original color for something new.



72.8650, 71.1264, 72.8429



77.6647, 74.3854, 74.8779



76.6458, 78.8913, 73.4766



16.5202, 16.4909, 17.2199



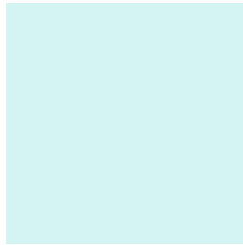
20.3181, 10.4707, 1.1178



1.7930, 0.9232, 0.1365

Previews

White Background



This preview shows how the XYZ color 75.6797, 85.1695, 97.2446 looks on a white background.

Color Contrast Check

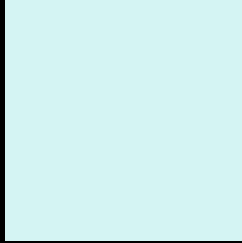
Large Text (above 18pt) WCAG AA × Fail

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 75.6797, 85.1695, 97.2446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

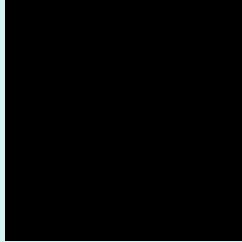
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

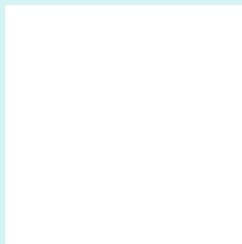
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.6797, 85.1695, 97.2446

Background



This preview shows how black text looks on a background with the XYZ color 75.6797, 85.1695, 97.2446.



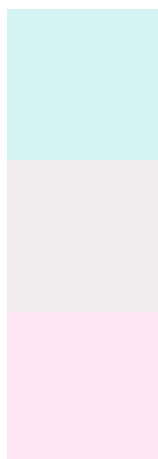
This preview shows how white text looks on a background with the XYZ color 75.6797, 85.1695,

97.2446.

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

75.6797, 85.1695, 97.2446

Protanopia

81.7037, 84.8647, 92.9632

Deuteranopia

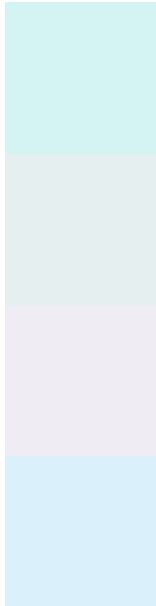
86.2973, 85.0044, 98.2453



Tritanopia

79.0289, 84.9123, 106.8322

Trichromacy



Original Color

75.6797, 85.1695, 97.2446

Protanomaly

79.2278, 84.8473, 94.6395

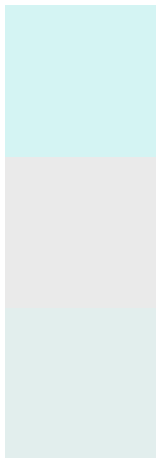
Deuteranomaly

81.9212, 84.8733, 97.6524

Tritanomaly

77.7813, 84.7811, 103.5317

Monochromacy



Original Color

75.6797, 85.1695, 97.2446

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.2246, 83.4322, 92.1546

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6797, 85.1695, 97.2446 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(212, 244, 243)` looks like.

```
.text, #text, p{  
    color:rgb(212, 244, 243)  
}
```

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(212, 244, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 244, 243) }
```

Border

The CSS property to change the border of an element to XYZ 75.6797, 85.1695, 97.2446 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(212, 244, 243) }
```


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

```
.border{ border-color:rgb(212, 244, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 244, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 244, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 244, 243); box-shadow:4px 4px 4px 4px rgb(212, 244, 243) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6797, 85.1695, 97.2446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 244, 243) }
```

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

```
.background{ background-color: rgb(212,  
244, 243) }
```

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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