

Converting Colors

XYZ(76.4077, 85.6955, 96.5357)

Have a look what the booklet for
XYZ(76.4077, 85.6955, 96.5357)
contains.

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Color

**XYZ(76.4020, 85.5592,
96.4922)**

Conversions

Conversions Part 1

Format	Color
Hex	D7F4F2
RGB	215, 244, 242
RGB Percent	84%, 96%, 95%
CMY	0.1569, 0.0431, 0.0510
CMYK	0.12, 0.00, 0.01, 0.04
HSL	176°, 57%, 90%
HSV	176°, 12%, 96%
XYZ	76.4020, 85.5592, 96.4922
YIQ	235.1010, -16.6420, -6.7700

Conversions

Conversions Part 2

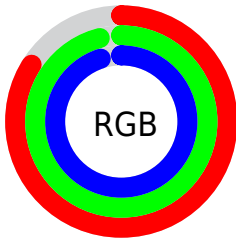
Format	Color
R _{YB}	215, 230, 244
Decimal	14152946
CIE _{Lab}	94.12, -9.77, -2.24
CIE _{LCh}	94, 10.024, 192.899
Y _{xy}	85.5592, 0.2956, 0.3310
Android (android.graphics.Color)	4292343026 (0xFFD7F4F2)
Y _{UV}	235.1010, 3.4012, -17.6286
Hunter-Lab	92.4982, -14.4338, 2.8987

Details

The XYZ color **76.4020, 85.5592, 96.4922** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.1361, 72.8460, 75.8027**, and the grayscale version is **79.0285, 83.1442, 90.5440**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3434, 46.9852, 53.3444** is the 20% darker color. If you saturate the color by 10%, you get **69.5132, 82.0393, 94.8561**, and if you desaturate by 10%, it is **84.3666, 89.6380, 98.1945**.

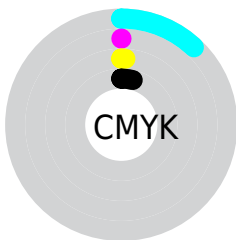
Distribution



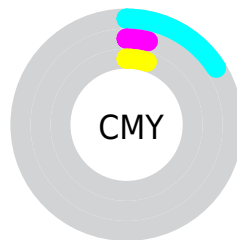
- Red (84%)
- Green (96%)
- Blue (95%)



- Red (84%)
- Yellow (90%)
- Blue (96%)



- Cyan (12%)
- Magenta (0%)
- Yellow (1%)
- Black (4%)



- Cyan (16%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.4020, 85.5592, 96.4922 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 76.4020, 85.5592, 96.4922 by changing the saturation by 10% instead.

76.4020, 85.5592,
96.4922

76.4020, 85.5592,
96.4922

471.6460,
513.4766, 570.0371

57.0604, 64.3035,
72.7738

127.2723,
141.1542, 158.3378

41.2941, 46.8966,
53.3003

159.5318,
176.2623, 197.3021

28.7376, 32.9539,
37.6532

196.8279,
216.7567, 242.1855

19.0257, 22.0911,
25.4139

239.5260,
263.0218, 293.4064

11.7930, 13.9239,
16.1639

287.9916,
315.4419, 351.3835

6.6741, 8.0677,
9.4846

342.5898,

3.3036, 4.1383,

374.4015, 416.5353

4.9575

403.6862,
440.2849, 489.2803

■ 1.3163, 1.7512,
2.1640

■ 0.1954, 0.4565,
0.6535

■ 76.4020, 85.5592,
96.4922

■ 76.4020, 85.5592,
96.4922

■ 69.5132, 82.0393,
94.8561

■ 84.3666, 89.6380,
98.1945

■ 63.6458, 79.0434,
93.2781


■ 90.1307, 92.5798,
99.8042


■ 58.7514, 76.5489,
91.7577


■ 90.3897, 92.6835,
101.1685


■ 54.7752, 74.5273,
90.2924


■ 90.6512, 92.7881,
102.5452


 51.6566, 72.9477,
88.8793


 90.9150, 92.8936,
103.9343


 49.3278, 71.7750,
87.5152


 91.1811, 93.0000,
105.3359

 47.7110, 70.9690,
86.1964

 91.4497, 93.1074,
106.7499

 46.7122, 70.4813,
84.9185

 91.6422, 93.1845,
107.7641

 46.2381, 70.2588,
83.9061

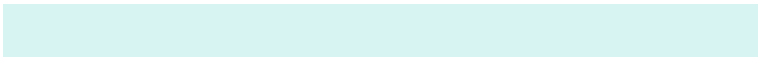
Harmonies

Analogous

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



76.4958, 85.5592, 88.8875



76.4020, 85.5592, 96.4922



77.6053, 85.5592, 103.5687

Triad

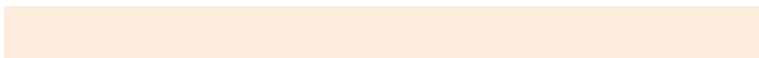
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.4020, 85.5592, 96.4922



84.8792, 85.5592, 104.3920



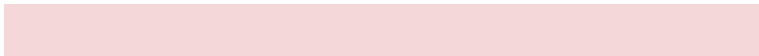
82.8459, 85.5592, 79.7562

Complementary

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



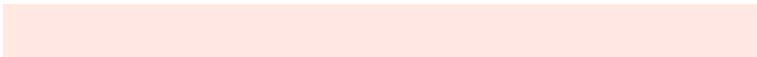
76.4020, 85.5592, 96.4922



74.1361, 72.8460, 75.8027

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.



85.1544, 85.5592, 83.4721



76.4020, 85.5592, 96.4922



86.3459, 85.5592, 97.5661

Square

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



76.4020, 85.5592, 96.4922



82.4770, 85.5592, 108.2953



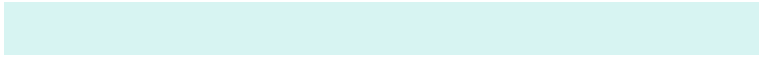
86.4477, 85.5592, 89.9043



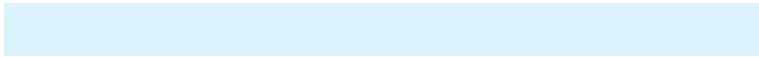
80.1768, 85.5592, 79.5039

Rectangle

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



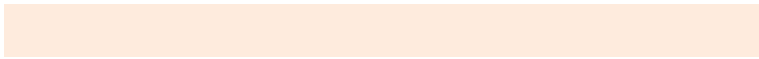
76.4020, 85.5592, 96.4922



78.9968, 85.5592, 106.9217



86.4477, 85.5592, 89.9043



83.6912, 85.5592, 80.6319

Sweetspot

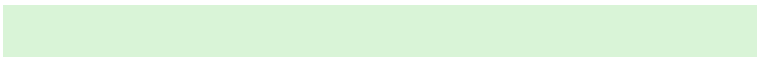
The Sweet Spot groups the original color and five complimentary colors.



76.4045, 85.5628, 96.4941



91.2832, 98.0712, 108.1327



73.3582, 84.4269, 76.7210



19.3915, 20.9161, 23.1142



0.0000, 0.0000, 0.0000



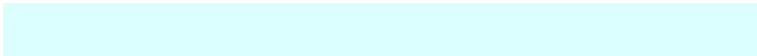
20.3446, 21.4041, 23.3091

Same Dimension

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



76.4045, 85.5628, 96.4941



82.7192, 93.6888, 106.2637



73.1891, 78.6479, 96.9151



16.9444, 18.7369, 20.9915



25.1616, 38.2095, 45.7322



2.2260, 3.3641, 4.0962

Inverse Universe

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



74.1361, 72.8460, 75.8027



79.8033, 77.3411, 79.6652



77.0688, 79.1260, 75.5022



16.5456, 16.5011, 17.3535



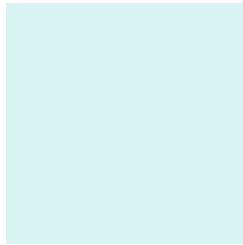
20.3579, 10.4866, 1.3271



1.8052, 0.9280, 0.2003

Previews

White Background



This preview shows how the XYZ color 76.4020, 85.5592, 96.4922 looks on a white background.

Color Contrast Check

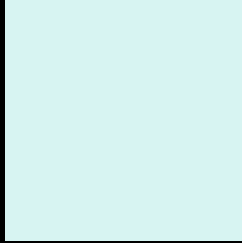
Large Text (above 18pt) WCAG AA × Fail

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 76.4020, 85.5592, 96.4922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

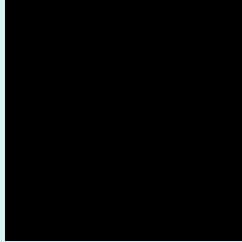
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

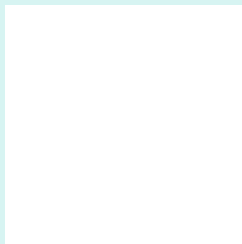
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.4020, 85.5592, 96.4922

Background



This preview shows how black text looks on a background with the XYZ color 76.4020, 85.5592, 96.4922.



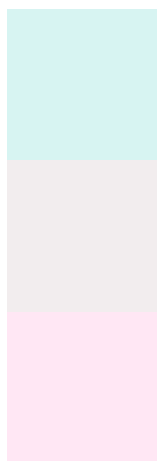
This preview shows how white text looks on a background with the XYZ color 76.4020, 85.5592,

96.4922.

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

76.4020, 85.5592, 96.4922

Protanopia

82.3348, 85.6187, 93.0755

Deuteranopia

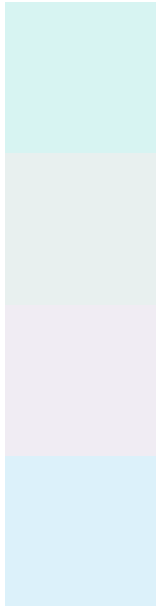
86.1450, 84.9435, 97.4433



Tritanopia

79.6415, 85.2282, 106.8609

Trichromacy



Original Color

76.4020, 85.5592, 96.4922

Protanomaly

80.0188, 85.7080, 93.9872

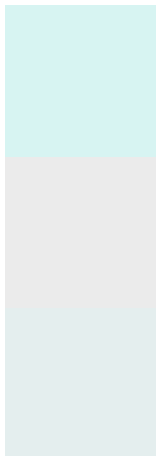
Deuteranomaly

82.1083, 84.9872, 96.8706

Tritanomaly

78.2258, 85.0284, 102.7317

Monochromacy



Original Color

76.4020, 85.5592, 96.4922

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

78.0021, 83.8161, 92.9559

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.4020, 85.5592, 96.4922 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(215, 244, 242)` looks like.

```
.text, #text, p{  
    color:rgb(215, 244, 242)  
}
```

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(215, 244, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 244, 242) }
```

Border

The CSS property to change the border of an element to XYZ 76.4020, 85.5592, 96.4922 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(215, 244, 242) }
```


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

```
.border{ border-color:rgb(215, 244, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 244, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 244, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 244, 242);  
box-shadow:4px 4px 4px 4px rgb(215, 244,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 76.4020, 85.5592, 96.4922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 244, 242) }
```

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

```
.background{ background-color: rgb(215,  
244, 242) }
```

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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