

Converting Colors

XYZ(76.4219, 85.3343, 98.9598)

Have a look what the booklet for
XYZ(76.4219, 85.3343, 98.9598)
contains.

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Color

**XYZ(76.5637, 85.5901,
98.8714)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D6F4F5 |
| RGB | 214, 244, 245 |
| RGB Percent | 84%, 96%, 96% |
| CMY | 0.1608, 0.0431, 0.0392 |
| CMYK | 0.13, 0.00, 0.00, 0.04 |
| HSL | 182°, 61%, 90% |
| HSV | 182°, 13%, 96% |
| XYZ | 76.5637, 85.5901, 98.8714 |
| YIQ | 235.1440, -18.2010, -6.0490 |

Conversions

Conversions Part 2

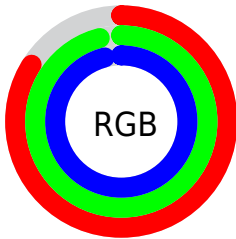
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 214, 229, 245 |
| Decimal | 14087413 |
| CIE Lab | 94.14, -9.50, -3.78 |
| CIE LCh | 94, 10.225, 201.701 |
| Yxy | 85.5901, 0.2933, 0.3279 |
| Android (android.graphics.Color) | 4292277493 (0xFFD6F4F5) |
| YUV | 235.1440, 4.8590, -18.5433 |
| Hunter-Lab | 92.5149, -14.1777, 1.3968 |

Details

The XYZ color **76.5637, 85.5901, 98.8714** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.0948, 72.8682, 73.7796**, and the grayscale version is **79.0514, 83.1683, 90.5702**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4666, 47.0115, 55.0327** is the 20% darker color. If you saturate the color by 10%, you get **69.7085, 81.7074, 98.4846**, and if you desaturate by 10%, it is **84.5003, 90.0364, 99.3127**.

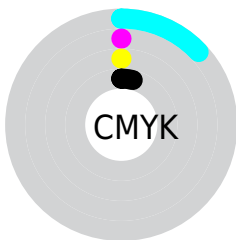
Distribution



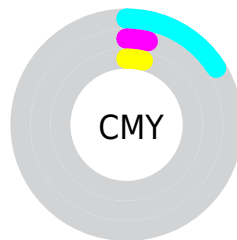
- Red (84%)
- Green (96%)
- Blue (96%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.5637, 85.5901, 98.8714 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 76.5637, 85.5901, 98.8714 by changing the saturation by 10% instead.

76.5637, 85.5901,
98.8714

76.5637, 85.5901,
98.8714

472.1899,
513.5787, 577.7839

57.1935, 64.3291,
74.7467

127.4995,
141.1973, 161.6437

41.4014, 46.9173,
54.9049

159.7959,
176.3123, 201.1284

28.8219, 32.9702,
38.9275

197.1317,
216.8141, 246.5701

19.0897, 22.1037,
26.3960

239.8723,
263.0871, 298.3875

11.8395, 13.9331,
16.8917

288.3831,
315.5156, 356.9990

6.7059, 8.0741,
9.9961

343.0294,

3.3236, 4.1424,

374.4842, 422.8232

5.2908

404.1766,
440.3770, 496.2787

■ 1.3271, 1.7535,
2.3572

■ 0.2034, 0.4580,
0.7630

■ 76.5637, 85.5901,
98.8714

■ 76.5637, 85.5901,
98.8714

■ 69.7085, 81.7074,
98.4846

■ 84.5003, 90.0364,
99.3127

■ 63.8794, 78.3528,
98.1444

■ 90.5499, 93.5092,
99.6641

■ 59.0275, 75.5035,
97.8501

■ 90.7895, 93.9882,
99.7440

■ 55.0968, 73.1306,
97.5993

■ 91.0300, 94.4693,
99.8242

■ 52.0256, 71.2023,
97.3889

■ 91.2716, 94.9524,
99.9047

■ 49.7450, 69.6830,
97.2159

■ 91.5141, 95.4376,
99.9855

■ 48.1752, 68.5317,
97.0764

■ 91.7577, 95.9248,
100.0667

■ 47.2198, 67.6986,
96.9659

■ 92.0023, 96.4140,
100.1483

■ 46.8024, 67.2341,
96.8983

■ 92.2480, 96.9053,
100.2301

Harmonies

Analogous

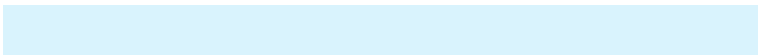
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.2592, 85.5901, 91.0368



76.5637, 85.5901, 98.8714



78.1361, 85.5901, 105.5144

Triad

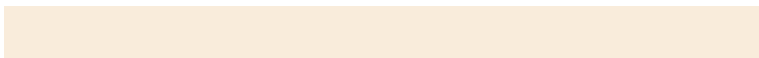
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.5637, 85.5901, 98.8714



85.5464, 85.5901, 102.8385



82.1120, 85.5901, 79.0754

Complementary

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



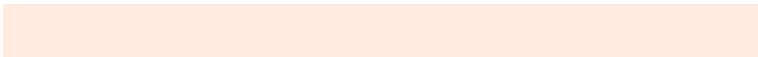
76.5637, 85.5901, 98.8714



74.0948, 72.8682, 73.7796

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.



84.6525, 85.5901, 81.8704



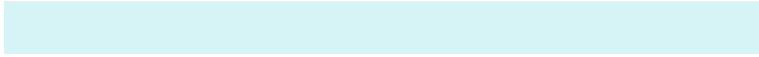
76.5637, 85.5901, 98.8714



86.6642, 85.5901, 95.3831

Square

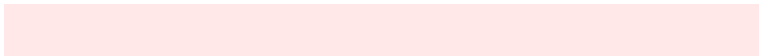
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.5637, 85.5901, 98.8714



83.3101, 85.5901, 107.8926



86.3334, 85.5901, 87.7364



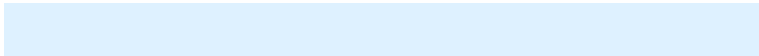
79.4225, 85.5901, 79.8932

Rectangle

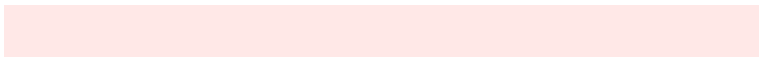
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.5637, 85.5901, 98.8714



79.7114, 85.5901, 108.2300



86.3334, 85.5901, 87.7364



83.0125, 85.5901, 79.6177

Sweetspot

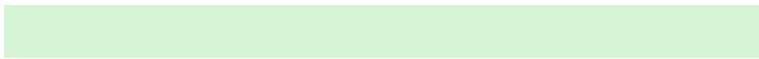
The Sweet Spot groups the original color and five complimentary colors.



76.5662, 85.5937, 98.8733



91.2919, 97.9075, 108.6942



72.5891, 84.4839, 76.4475



19.3937, 20.8744, 23.2570



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.



76.5662, 85.5937, 98.8733



81.9600, 92.6714, 108.1754



72.2292, 76.9197, 97.4276



16.9484, 18.6610, 21.2512



25.2337, 36.2612, 52.2072



2.2319, 3.2152, 4.5932

Inverse Universe

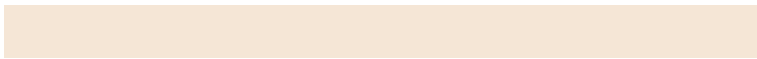
The Inverse Universe completely reimagines the original color for something new.



78.0339, 74.0390, 95.7702



83.8411, 77.8980, 104.1902



78.0967, 80.8719, 75.1136



17.1893, 16.7586, 20.7432



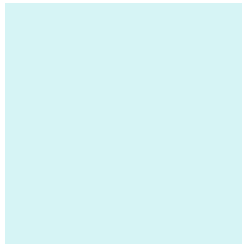
28.5413, 13.7600, 44.4205



2.5156, 1.2122, 3.9416

Previews

White Background



This preview shows how the XYZ color 76.5637, 85.5901, 98.8714 looks on a white background.

Color Contrast Check

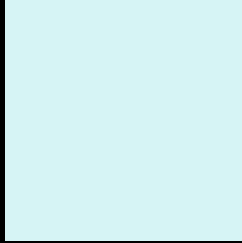
Large Text (above 18pt) WCAG AA × Fail

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 76.5637, 85.5901, 98.8714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

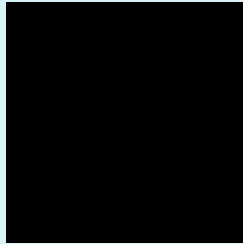
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.5637, 85.5901, 98.8714

Background



This preview shows how black text looks on a background with the XYZ color 76.5637, 85.5901, 98.8714.



This preview shows how white text looks on a background with the XYZ color 76.5637, 85.5901,

98.8714.

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

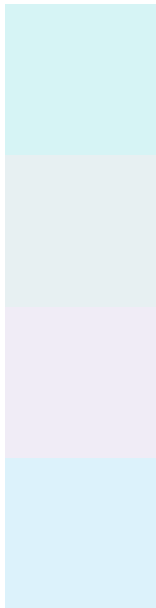




Tritanopia

79.9367, 85.8186, 106.9593

Trichromacy



Original Color

76.5637, 85.5901, 98.8714

Protanomaly

80.1421, 85.7199, 96.3261

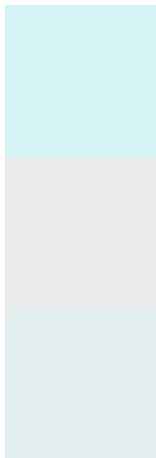
Deuteranomaly

82.5652, 85.1700, 99.2766

Tritanomaly

78.6799, 85.6849, 103.6588

Monochromacy



Original Color

76.5637, 85.5901, 98.8714

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

77.8331, 83.7120, 93.7171

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5637, 85.5901, 98.8714 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(214, 244, 245)` looks like.

```
.text, #text, p{  
    color:rgb(214, 244, 245)  
}
```

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(214, 244, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 244, 245) }
```

Border

The CSS property to change the border of an element to XYZ 76.5637, 85.5901, 98.8714 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(214, 244, 245) }
```


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

```
.border{ border-color:rgb(214, 244, 245) }
```

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

Here you see how a box with a 4 pixel rgb(214, 244, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 244, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 244, 245);  
box-shadow:4px 4px 4px 4px rgb(214, 244,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5637, 85.5901, 98.8714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 244, 245) }
```

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

```
.background{ background-color: rgb(214,  
244, 245) }
```

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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