

Converting Colors

XYZ(82.2009, 93.4886, 97.9175)

Have a look what the booklet for
XYZ(82.2009, 93.4886, 97.9175)
contains.

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Color

**XYZ(82.2184, 93.6188,
97.7413)**

Conversions

Conversions Part 1

Format	Color
Hex	DFFFF2
RGB	223, 255, 242
RGB Percent	87%, 100%, 95%
CMY	0.1255, 0.0000, 0.0510
CMYK	0.13, 0.00, 0.05, 0.00
HSL	156°, 100%, 94%
HSV	156°, 13%, 100%
XYZ	82.2184, 93.6188, 97.7413
YIQ	243.9500, -14.8990, -10.8270

Conversions

Conversions Part 2

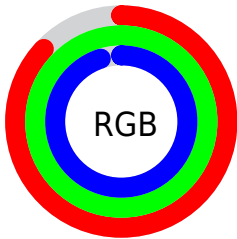
Format	Color
R _Y B	223, 243, 255
Decimal	14680050
CIE Lab	97.48, -12.72, 2.72
CIE LCh	97, 13.008, 167.927
Yxy	93.6188, 0.3005, 0.3422
Android (android.graphics.Color)	4292870130 (0xFFDFFF2)
YUV	243.9500, -0.9613, -18.3731
Hunter-Lab	96.7568, -17.6453, 7.8365

Details

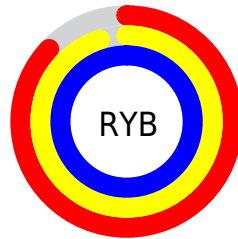
The XYZ color **82.2184, 93.6188, 97.7413** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82.7684, 80.0924, 90.4538**, and the grayscale version is **85.9646, 90.4415, 98.4908**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.2055, 52.2582, 54.1586** is the 20% darker color. If you saturate the color by 10%, you get **73.4324, 89.2641, 89.4381**, and if you desaturate by 10%, it is **92.2774, 98.6194, 106.5670**.

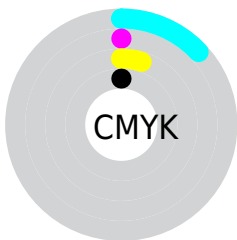
Distribution



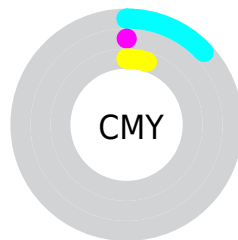
- Red (87%)
- Green (100%)
- Blue (95%)



- Red (87%)
- Yellow (95%)
- Blue (100%)



- Cyan (13%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)



- Cyan (13%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.2184, 93.6188, 97.7413 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 82.2184, 93.6188, 97.7413 by changing the saturation by 10% instead.


 82.2184, 93.6188,
97.7413

 82.2184, 93.6188,
97.7413

491.0014,
539.7337, 574.1112

 61.8603, 70.9859,
73.8092


135.4145,
152.3550, 160.0744

 45.1750, 52.3307,
54.1421


168.9831,
189.2272, 199.3126

 31.7972, 37.2688,
38.3213


207.6860,
231.6146, 244.4898

 21.3614, 25.4156,
25.9284

251.8885,
279.9016, 296.0246

 13.5024, 16.3870,
16.5448

301.9559,
334.4726, 354.3357

 7.8548, 9.7984,
9.7520

358.2536,

 4.0532, 5.2655,

395.7120, 419.8414

5.1314

421.1470,
464.0043, 492.9604

■ 1.7323, 2.4039,
2.2645

■ 0.4763, 0.8279,
0.7112

■ 82.2184, 93.6188,
97.7413

■ 82.2184, 93.6188,
97.7413

■ 73.4324, 89.2641,
89.4381

■ 92.2774, 98.6194,
106.5670

■ 65.8628, 85.5265,
81.6428

95.0500, 100.0000,
108.9000

■ 59.4521, 82.3765,
74.3466

■ 54.1373, 79.7818,
67.5385

■ 49.8488, 77.7067,
61.2071

■ 46.5090, 76.1114,
55.3404

■ 44.0282, 74.9498,
49.9254

■ 42.2983, 74.1663,
44.9483

■ 41.3798, 73.7679,
41.5132

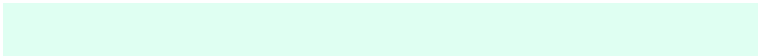
Harmonies

Analogous

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



83.8153, 93.6188, 88.9088



82.2184, 93.6188, 97.7413



82.3966, 93.6188, 108.3225

Triad

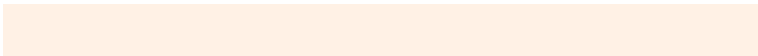
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.2184, 93.6188, 97.7413



91.1851, 93.6188, 122.5297



93.8243, 93.6188, 87.5750

Complementary

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



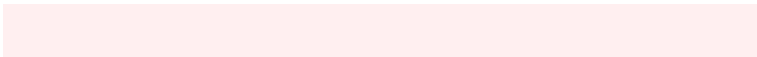
82.2184, 93.6188, 97.7413



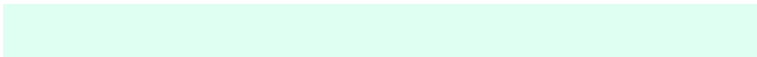
82.7684, 80.0924, 90.4538

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.



95.9090, 93.6188, 95.8036



82.2184, 93.6188, 97.7413



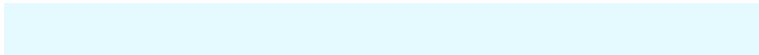
94.3565, 93.6188, 116.1751

Square

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



82.2184, 93.6188, 97.7413



87.5052, 93.6188, 123.1383



96.1064, 93.6188, 106.2469



90.4750, 93.6188, 83.3170

Rectangle

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



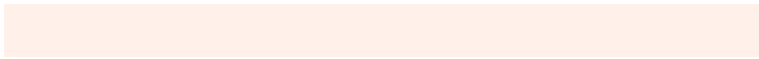
82.2184, 93.6188, 97.7413



83.4985, 93.6188, 114.9502



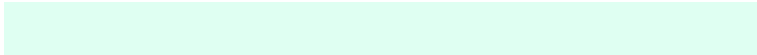
96.1064, 93.6188, 106.2469



94.7001, 93.6188, 89.9412

Sweetspot

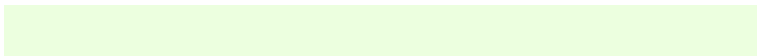
The Sweet Spot groups the original color and five complimentary colors.



82.2192, 93.6192, 97.7428



90.7364, 97.8525, 105.2534



83.7827, 94.7380, 83.6837



19.2527, 20.8606, 22.3838



0.0000, 0.0000, 0.0000



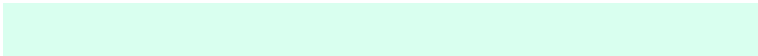
20.3446, 21.4041, 23.3091

Same Dimension

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



82.2192, 93.6192, 97.7428



79.9494, 92.4928, 95.6591



83.3972, 92.7387, 108.1126



18.2243, 20.3492, 21.4840



21.6977, 38.5757, 22.0914



2.1668, 3.7777, 2.4363

Inverse Universe

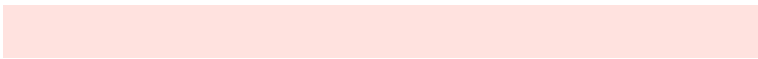
The Inverse Universe completely reimagines the original color for something new.



82.7684, 80.0924, 90.4538



80.5949, 76.5995, 87.0957



81.6657, 80.8003, 81.1050



18.3152, 18.1094, 20.2769



22.9128, 11.6544, 8.1911



2.2834, 1.1557, 1.0739

Previews

White Background



This preview shows how the XYZ color 82.2184, 93.6188, 97.7413 looks on a white background.

Color Contrast Check

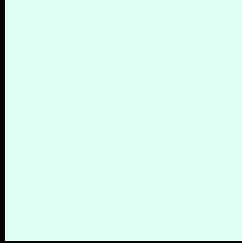
Large Text (above 18pt) WCAG AA × Fail

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 82.2184, 93.6188, 97.7413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

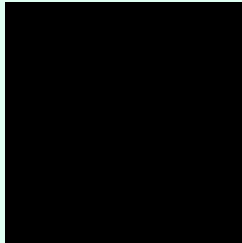
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

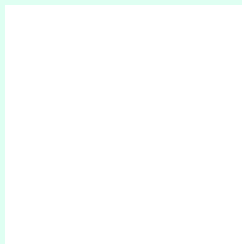
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.2184, 93.6188, 97.7413

Background



This preview shows how black text looks on a background with the XYZ color 82.2184, 93.6188, 97.7413.



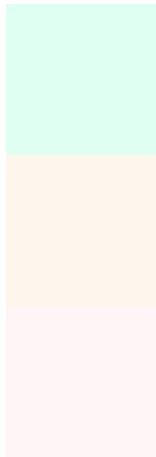
This preview shows how white text looks on a background with the XYZ color 82.2184, 93.6188,

97.7413.

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

82.2184, 93.6188, 97.7413

Protanopia

89.1149, 93.0968, 93.3934

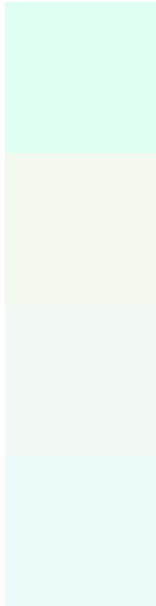
Deuteranopia

90.6809, 93.2802, 101.2212

Tritanopia

87.8930, 93.0556, 107.9368

Trichromacy



Original Color

82.2184, 93.6188, 97.7413

Protanomaly

86.4178, 93.0380, 95.0648

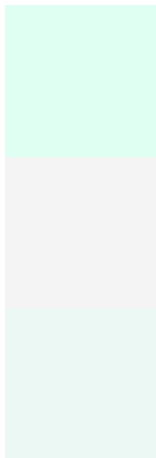
Deuteranomaly

87.3193, 93.3986, 99.8117

Tritanomaly

85.6842, 93.3889, 103.9523

Monochromacy



Original Color

82.2184, 93.6188, 97.7413

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

84.3371, 91.4387, 97.9984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.2184, 93.6188, 97.7413 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(223, 255, 242)` looks like.

```
.text, #text, p{  
    color:rgb(223, 255, 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(223, 255, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 255, 242) }
```

Border

The CSS property to change the border of an element to XYZ 82.2184, 93.6188, 97.7413 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(223, 255, 242) }
```


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

```
.border{ border-color:rgb(223, 255, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 255, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 255, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 255, 242);  
box-shadow:4px 4px 4px 4px rgb(223, 255,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 82.2184, 93.6188, 97.7413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 255, 242) }
```

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

```
.background{ background-color: rgb(223,  
255, 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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