

Converting Colors

XYZ(82.3712, 92.8473,
108.1876)

Have a look what the booklet for
XYZ(82.3712, 92.8473, 108.1876)
contains.

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Color

**XYZ(82.4053, 93.0090,
108.2171)**

Conversions

Conversions Part 1

Format	Color
Hex	DAFEFF
RGB	218, 254, 255
RGB Percent	85%, 100%, 100%
CMY	0.1451, 0.0039, 0.0000
CMYK	0.15, 0.00, 0.00, 0.00
HSL	182°, 100%, 93%
HSV	182°, 15%, 100%
XYZ	82.4053, 93.0090, 108.2171
YIQ	243.3500, -21.7770, -7.3210

Conversions

Conversions Part 2

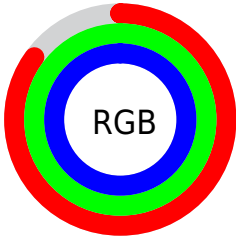
Format	Color
R _{YB}	218, 236, 255
Decimal	14352127
CIE _{Lab}	97.23, -11.30, -4.37
CIE _{LCh}	97, 12.110, 201.129
Y _{xy}	93.0090, 0.2905, 0.3279
Android (android.graphics.Color)	4292542207 (0xFFDAFEFF)
YUV	243.3500, 5.7435, -22.2319
Hunter-Lab	96.4412, -16.2506, 0.9792

Details

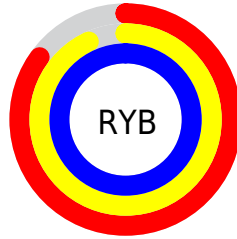
The XYZ color **82.4053, 93.0090, 108.2171** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.2261, 76.9838, 77.0152**, and the grayscale version is **85.4403, 89.8898, 97.8900**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.2636, 51.7963, 61.0381** is the 20% darker color. If you saturate the color by 10%, you get **75.1420, 88.9447, 107.8154**, and if you desaturate by 10%, it is **90.8473, 97.6872, 108.6751**.

Distribution



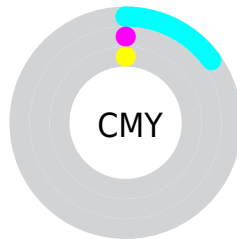
- Red (85%)
- Green (100%)
- Blue (100%)



- Red (85%)
- Yellow (93%)
- Blue (100%)



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





- Cyan (15%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.4053, 93.0090, 108.2171 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 82.4053, 93.0090, 108.2171 by changing the saturation by 10% instead.


 82.4053, 93.0090,
108.2171

 82.4053, 93.0090,
108.2171


491.6164,
537.7712, 607.6986

 62.0149, 70.4790,
82.5254

135.6751,
151.5111, 174.5544

 45.3004, 51.9171,
61.2604

169.2852,
188.2519, 216.0371

 31.8964, 36.9390,
44.0034


208.0326,
230.4985, 263.6206

 21.4375, 25.1603,
30.3360

252.2826,
278.6352, 317.7234

 13.5585, 16.1965,
19.8395

302.4007,
333.0464, 378.7641

 7.8939, 9.6633,
12.0955

358.7521,

 4.0783, 5.1763,

394.1166, 447.1611

6.6855

421.7022,
462.2300, 523.3331

■ 1.7466, 2.3511,
3.1907

■ 0.4851, 0.8005,
1.1928

■ 82.4053, 93.0090,
108.2171

■ 82.4053, 93.0090,
108.2171

■ 75.1420, 88.9447,
107.8154

■ 90.8473, 97.6872,
108.6751

■ 68.9967, 85.4554,
107.4658

95.0500, 100.0000,
108.9000

■ 63.9143, 82.5151,
107.1661

■ 59.8320, 80.0916,
106.9135

■ 56.6806, 78.1492,
106.7047

■ 54.3819, 76.6475,
106.5360

■ 52.8451, 75.5396,
106.4031

■ 51.9586, 74.7682,
106.3010

■ 51.6615, 74.4429,
106.2538

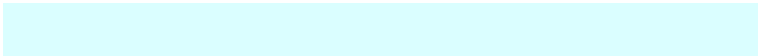
Harmonies

Analogous

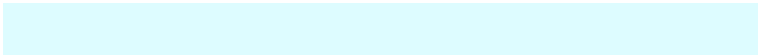
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.0588, 93.0090, 98.3924



82.4053, 93.0090, 108.2171



84.3366, 93.0090, 116.6632

Triad

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



82.4053, 93.0090, 108.2171



93.6250, 93.0090, 113.5643



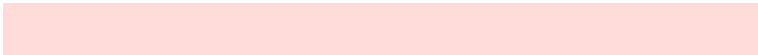
89.4209, 93.0090, 83.7688

Complementary

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



82.4053, 93.0090, 108.2171



79.2261, 76.9838, 77.0152

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.



92.5965, 93.0090, 87.2959



82.4053, 93.0090, 108.2171



95.0645, 93.0090, 104.2052

Square

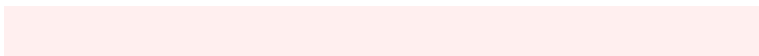
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.4053, 93.0090, 108.2171



90.7955, 93.0090, 119.8863



94.6833, 93.0090, 94.6287



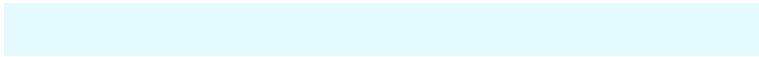
86.0515, 93.0090, 84.6899

Rectangle

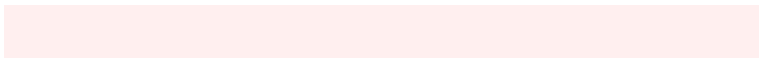
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



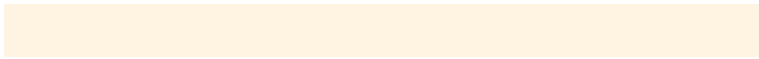
82.4053, 93.0090, 108.2171



86.2909, 93.0090, 120.1706



94.6833, 93.0090, 94.6287



90.5478, 93.0090, 84.4647

Sweetspot

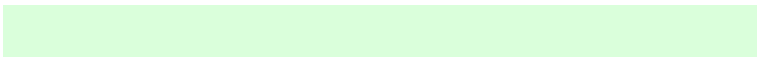
The Sweet Spot groups the original color and five complimentary colors.



82.4077, 93.0127, 108.2176



91.3090, 97.9417, 108.6999



77.4104, 91.5203, 80.3406



19.3980, 20.8831, 23.2584



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

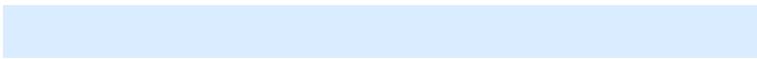
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.4077, 93.0127, 108.2176



80.4898, 91.9436, 108.1124



76.9265, 82.0504, 106.3906



18.5105, 20.3927, 23.2105



27.0131, 38.9357, 55.5262



2.6429, 3.8165, 5.4106

Inverse Universe

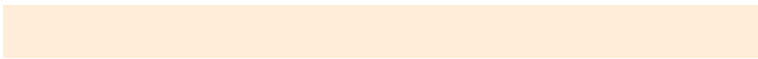
The Inverse Universe completely reimagines the original color for something new.



84.2023, 78.5603, 104.4960



82.5590, 75.3173, 103.8133



84.2136, 86.9588, 78.6777



18.7703, 18.2914, 22.6737



30.4231, 14.6585, 47.7402



2.9686, 1.4298, 4.6821

Previews

White Background



This preview shows how the XYZ color 82.4053, 93.0090, 108.2171 looks on a white background.

Color Contrast Check

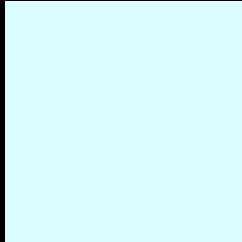
Large Text (above 18pt) WCAG AA × Fail

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 82.4053, 93.0090, 108.2171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

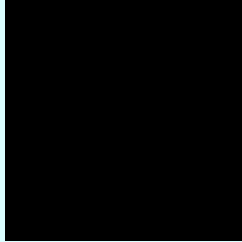
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

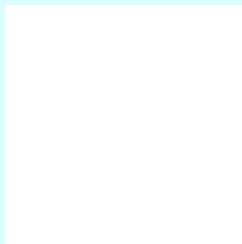
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.4053, 93.0090, 108.2171

Background



This preview shows how black text looks on a background with the XYZ color 82.4053, 93.0090, 108.2171.



This preview shows how white text looks on a background with the XYZ color 82.4053, 93.0090,

Color Blindness Simulation

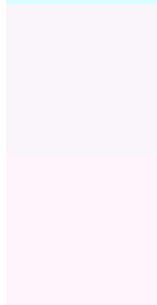
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

82.4053, 93.0090, 108.2171



Protanopia

89.3321, 92.5309, 103.5944

Deuteranopia

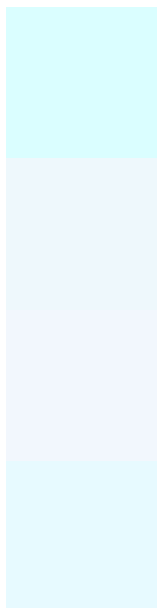
90.8613, 92.3895, 105.1395



Tritanopia

87.2140, 92.7055, 107.9050

Trichromacy



Original Color

82.4053, 93.0090, 108.2171

Protanomaly

86.3980, 92.3402, 105.3652

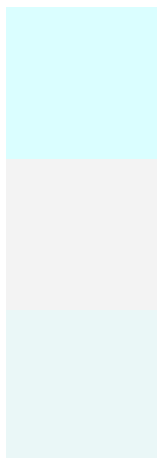
Deuteranomaly

87.6083, 92.4906, 106.1635

Tritanomaly

85.1906, 92.5801, 107.9875

Monochromacy



Original Color

82.4053, 93.0090, 108.2171

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

83.9809, 90.7294, 101.0819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.4053, 93.0090, 108.2171 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(218, 254, 255)` looks like.

```
.text, #text, p{  
    color:rgb(218, 254, 255)  
}
```

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(218, 254, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 254, 255) }
```

Border

The CSS property to change the border of an element to XYZ 82.4053, 93.0090, 108.2171 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(218, 254, 255) }
```


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

```
.border{ border-color:rgb(218, 254, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 254, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 254, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 254, 255);  
box-shadow:4px 4px 4px 4px rgb(218, 254,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 82.4053, 93.0090, 108.2171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 254, 255) }
```

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

```
.background{ background-color: rgb(218,  
254, 255) }
```

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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