

Converting Colors

XYZ(86.0198, 95.4705,
102.7971)

Have a look what the booklet for
XYZ(86.0198, 95.4705, 102.7971)
contains.

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Color

**XYZ(85.9820, 95.4531,
102.6995)**

Conversions

Conversions Part 1

Format	Color
Hex	E8FFF8
RGB	232, 255, 248
RGB Percent	91%, 100%, 97%
CMY	0.0902, 0.0000, 0.0274
CMYK	0.09, 0.00, 0.03, 0.00
HSL	162°, 100%, 95%
HSV	162°, 9%, 100%
XYZ	85.9820, 95.4531, 102.6995
YIQ	247.3250, -11.4610, -7.0530

Conversions

Conversions Part 2

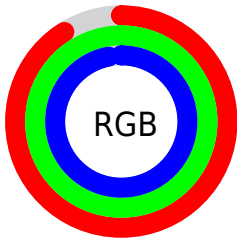
Format	Color
R _{YB}	232, 246, 255
Decimal	15269880
CIE Lab	98.21, -8.73, 0.78
CIE LCh	98, 8.768, 174.886
Yxy	95.4531, 0.3026, 0.3359
Android (android.graphics.Color)	4293459960 (0xFFE8FFF8)
YUV	247.3250, 0.3328, -13.4400
Hunter-Lab	97.7001, -13.8844, 6.0662

Details

The XYZ color **85.9820, 95.4531, 102.6995** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.6772, 85.2064, 93.5923**, and the grayscale version is **88.6762, 93.2942, 101.5974**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.6130, 53.4240, 57.6716** is the 20% darker color. If you saturate the color by 10%, you get **77.1174, 91.0195, 96.1309**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

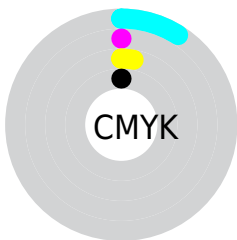
Distribution



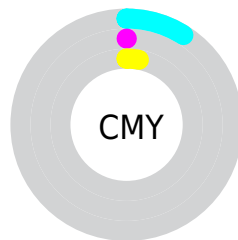
- Red (91%)
- Green (100%)
- Blue (97%)



- Red (91%)
- Yellow (96%)
- Blue (100%)



- Cyan (9%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)




- Cyan (9%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.9820, 95.4531, 102.6995 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 85.9820, 95.4531, 102.6995 by changing the saturation by 10% instead.


 85.9820, 95.4531,
102.6995

 85.9820, 95.4531,
102.6995


503.3067,
545.6145, 590.1337

 64.9783, 72.5122,
77.9275


140.6513,
154.8904, 166.9461

 47.7081, 53.5772,
57.4983


175.0477,
192.1556, 207.2578

 33.8061, 38.2637,
40.9934


214.6389,
234.9643, 253.5865

 22.9069, 26.1874,
27.9943

259.7905,
283.7009, 306.3508

 14.6451, 16.9639,
18.0824

310.8677,
338.7498, 365.9690

 8.6554, 10.2088,
10.8391

368.2359,

 4.5724, 5.5376,

400.4955, 432.8599

5.8459

432.2605,
469.3223, 507.4420

■ 2.0308, 2.5660,
2.6843

■ 0.6512, 0.9096,
0.9355

■ 85.9820, 95.4531,
102.6995

■ 85.9820, 95.4531,
102.6995

■ 77.1174, 91.0195,
96.1309

95.0500, 100.0000,
108.9000

■ 69.4507, 87.1977,
89.8744

■ 62.9270, 83.9595,
83.9256

■ 57.4859, 81.2738,
78.2785

■ 53.0613, 79.1068,
72.9267

■ 49.5796, 77.4204,
67.8635

■ 46.9570, 76.1715,
63.0814

■ 45.0940, 75.3089,
58.5723

■ 43.8439, 74.7572,
54.3257

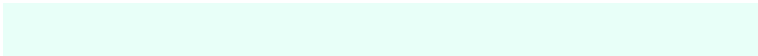
Harmonies

Analogous

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



86.8173, 95.4531, 96.1490



85.9820, 95.4531, 102.6995



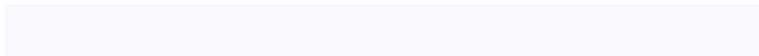
86.3983, 95.4531, 109.8847

Triad

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



85.9820, 95.4531, 102.6995



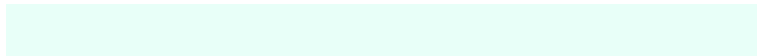
92.7806, 95.4531, 117.0423



93.5424, 95.4531, 92.9839

Complementary

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



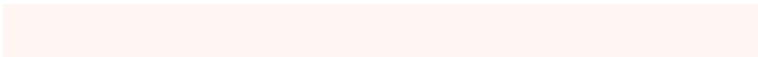
85.9820, 95.4531, 102.6995



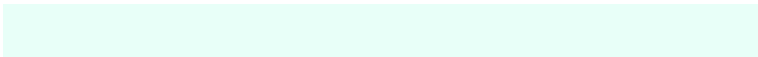
85.6772, 85.2064, 93.5923

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.



95.1944, 95.4531, 98.1986



85.9820, 95.4531, 102.6995



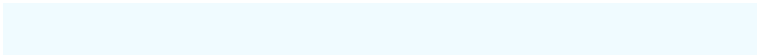
94.7489, 95.4531, 112.1245

Square

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



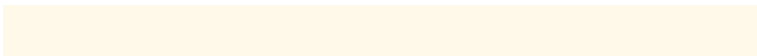
85.9820, 95.4531, 102.6995



90.2939, 95.4531, 118.3829



95.6399, 95.4531, 105.1747



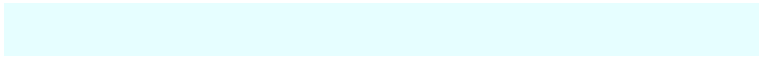
91.1581, 95.4531, 90.7081

Rectangle

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



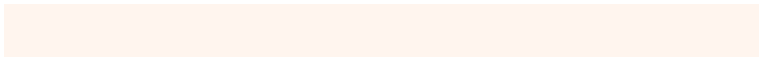
85.9820, 95.4531, 102.6995



87.3338, 95.4531, 114.0409



95.6399, 95.4531, 105.1747



94.2035, 95.4531, 94.4392

Sweetspot

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



85.9829, 95.4536, 102.7010



91.9187, 98.4288, 106.8089



86.0186, 95.7466, 90.2927



19.4995, 20.9801, 22.7429



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

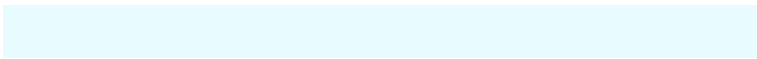
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.9829, 95.4536, 102.7010



84.1287, 94.5251, 101.3742



85.7590, 93.2354, 108.0840



18.3056, 20.3818, 21.9124



22.9227, 39.0657, 28.5420



2.2806, 3.8232, 3.0354

Inverse Universe

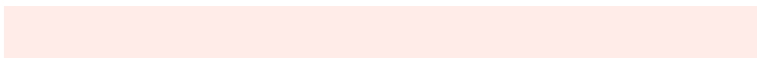
The Inverse Universe completely reimagines the original color for something new.



85.6772, 85.2064, 93.5923



83.7611, 82.1971, 90.4164



85.8641, 87.2030, 88.6517



18.2369, 18.0781, 19.8646



22.3175, 11.4163, 5.0565



2.2191, 1.1300, 0.7353

Previews

White Background



This preview shows how the XYZ color 85.9820, 95.4531, 102.6995 looks on a white background.

Color Contrast Check

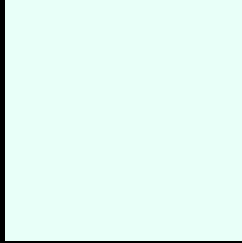
Large Text (above 18pt) WCAG AA × Fail

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 85.9820, 95.4531, 102.6995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

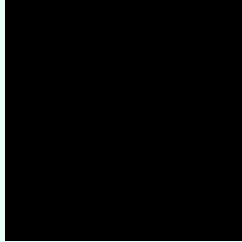
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

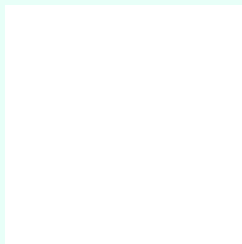
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.9820, 95.4531, 102.6995

Background



This preview shows how black text looks on a background with the XYZ color 85.9820, 95.4531, 102.6995.



This preview shows how white text looks on a background with the XYZ color 85.9820, 95.4531,

102.6995.

Color Blindness Simulation

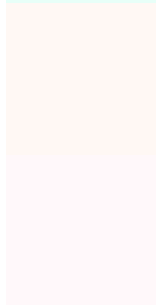
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

85.9820, 95.4531, 102.6995



Protanopia

91.1365, 94.9265, 99.1072

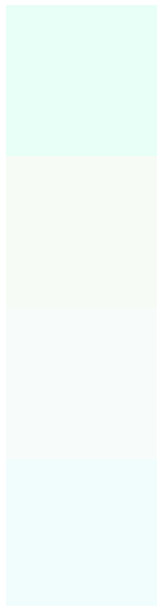
Deuteranopia

92.0627, 95.2969, 103.9844

Tritanopia

90.2416, 95.1840, 108.2239

Trichromacy



Original Color

85.9820, 95.4531, 102.6995

Protanomaly

89.3364, 95.3611, 100.0842

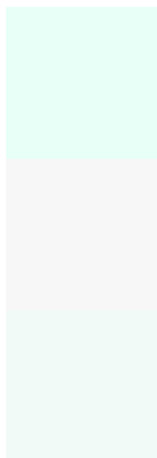
Deuteranomaly

89.9538, 95.6081, 103.3357

Tritanomaly

88.6567, 95.3499, 105.8271

Monochromacy



Original Color

85.9820, 95.4531, 102.6995

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

87.5921, 93.9639, 101.5159

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.9820, 95.4531, 102.6995 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(232, 255, 248)` looks like.

```
.text, #text, p{  
    color:rgb(232, 255, 248)  
}
```

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(232, 255, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 255, 248) }
```

Border

The CSS property to change the border of an element to XYZ 85.9820, 95.4531, 102.6995 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(232, 255, 248) }
```


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

```
.border{ border-color:rgb(232, 255, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 255, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 255, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 255, 248);  
box-shadow:4px 4px 4px 4px rgb(232, 255,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 85.9820, 95.4531, 102.6995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 255, 248) }
```

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

```
.background{ background-color: rgb(232,  
255, 248) }
```

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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