

Converting Colors

XYZ(88.5155, 94.9861,
105.8807)

Have a look what the booklet for
XYZ(88.5155, 94.9861, 105.8807)
contains.

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Color

**XYZ(88.3435, 94.7234,
105.7227)**

Conversions

Conversions Part 1

Format	Color
Hex	F1FBFC
RGB	241, 251, 252
RGB Percent	95%, 98%, 99%
CMY	0.0549, 0.0157, 0.0118
CMYK	0.04, 0.00, 0.00, 0.01
HSL	185°, 65%, 97%
HSV	185°, 4%, 99%
XYZ	88.3435, 94.7234, 105.7227
YIQ	248.1240, -6.2810, -1.8090

Conversions

Conversions Part 2

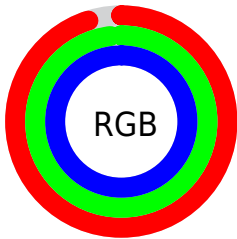
Format	Color
R _Y B	241, 246, 252
Decimal	15858684
CIE Lab	97.92, -3.09, -1.63
CIE LCh	98, 3.491, 207.785
Yxy	94.7234, 0.3059, 0.3280
Android (android.graphics.Color)	4294048764 (0xFF1FBFC)
YUV	248.1240, 1.9109, -6.2477
Hunter-Lab	97.3259, -8.2946, 3.7229

Details

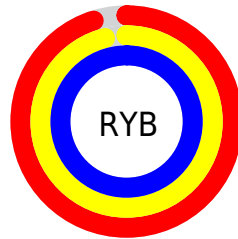
The XYZ color 88.3435, 94.7234, 105.7227 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.7745, 90.5498, 96.0722, and the grayscale version is 89.3154, 93.9667, 102.3298.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.3730, 53.2846, 59.3125 is the 20% darker color. If you saturate the color by 10%, you get 79.6217, 89.1779, 105.1135, and if you desaturate by 10%, it is 94.0271, 98.7206, 106.1961.

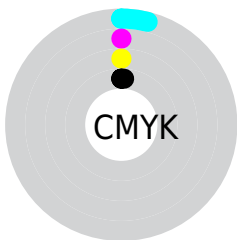
Distribution



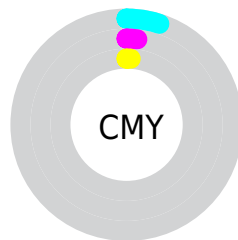
- Red (95%)
- Green (98%)
- Blue (99%)



- Red (95%)
- Yellow (96%)
- Blue (99%)



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



- Cyan (5%)
- Magenta (2%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.3435, 94.7234, 105.7227 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 88.3435, 94.7234, 105.7227 by changing the saturation by 10% instead.

88.3435, 94.7234,
105.7227

88.3435, 94.7234,
105.7227

510.9460,
543.2791, 599.7912

66.9393, 71.9048,
80.4449

143.9254,
153.8824, 171.1197

49.3058, 53.0809,
59.5562

178.8338,
190.9916, 212.0760

35.0777, 37.8674,
42.6381

218.9743,
233.6331, 259.0956

23.8895, 25.8798,
29.2720

264.7123,
282.1913, 312.5970

15.3760, 16.7337,
19.0393

316.4131,
337.0506, 372.9986

9.1717, 10.0448,
11.5216

374.4421,

4.9114, 5.4287,

398.5954, 440.7192

6.3002

439.1646,
467.2101, 516.1772

■ 2.2296, 2.5009,
2.9568

■ 0.7583, 0.8771,
1.0726

■ 88.3435, 94.7234,
105.7227

■ 88.3435, 94.7234,
105.7227

■ 79.6217, 89.1779,
105.1135

■ 94.0271, 98.7206,
106.1961

■ 72.0471, 84.2340,
104.5584

■ 94.5710, 99.8084,
106.3774

■ 65.5706, 79.8687,
104.0572

■ 60.1361, 76.0533,
103.6071

■ 55.6828, 72.7563,
103.2055

■ 52.1435, 69.9429,
102.8490

■ 49.4424, 67.5742,
102.5341

■ 47.4915, 65.6047,
102.2568

■ 46.1828, 63.9786,
102.0119

Harmonies

Analogous

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



88.1265, 94.7234, 102.9253



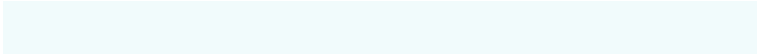
88.3435, 94.7234, 105.7227



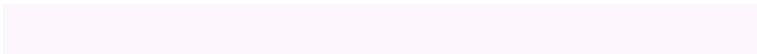
89.0119, 94.7234, 107.8610

Triad

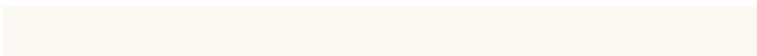
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.3435, 94.7234, 105.7227



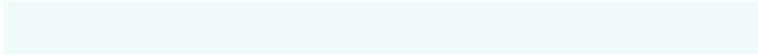
91.6662, 94.7234, 106.0974



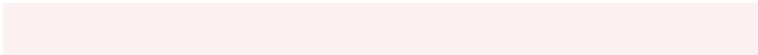
90.1060, 94.7234, 97.7391

Complementary

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



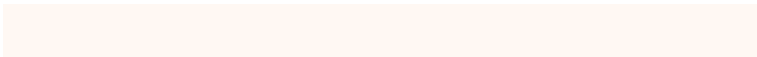
88.3435, 94.7234, 105.7227



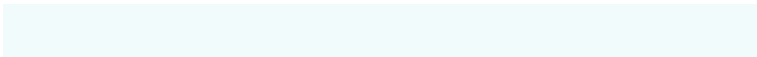
87.7745, 90.5498, 96.0722

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.



91.0593, 94.7234, 98.5543



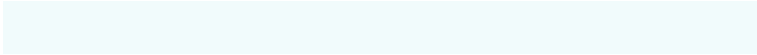
88.3435, 94.7234, 105.7227



91.9643, 94.7234, 103.3504

Square

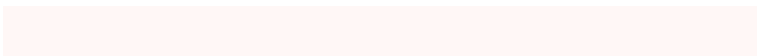
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.3435, 94.7234, 105.7227



90.9299, 94.7234, 108.0802



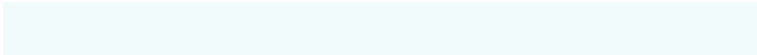
91.7414, 94.7234, 100.5951



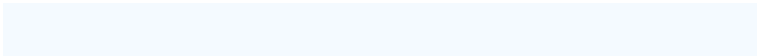
89.1395, 94.7234, 98.3482

Rectangle

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



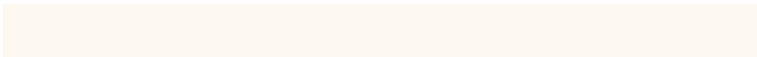
88.3435, 94.7234, 105.7227



89.6261, 94.7234, 108.6068



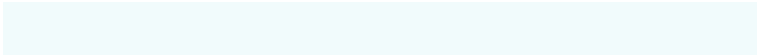
91.7414, 94.7234, 100.5951



90.4387, 94.7234, 97.8554

Sweetspot

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



88.3462, 94.7274, 105.7248



94.0444, 99.3723, 108.8318



87.1020, 94.7289, 97.6340



20.1400, 21.2764, 23.2952



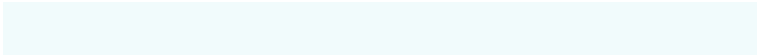
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

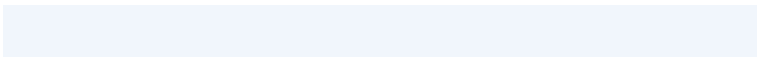
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.3462, 94.7274, 105.7248



90.1466, 96.9271, 108.5653



86.6770, 91.3889, 105.1684



18.3373, 19.7761, 22.2360



23.8319, 33.0193, 53.0908



2.2454, 3.1344, 4.9298

Inverse Universe

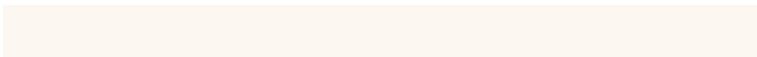
The Inverse Universe completely reimagines the original color for something new.



89.0149, 90.5729, 104.0622



90.9313, 92.0590, 106.6129



89.4119, 93.8245, 96.6180



18.5196, 18.6467, 21.7819



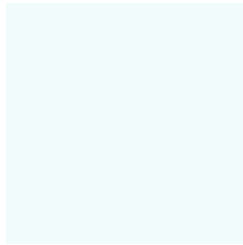
28.3213, 13.7442, 39.9957



2.6423, 1.2807, 3.8057

Previews

White Background



This preview shows how the XYZ color 88.3435, 94.7234, 105.7227 looks on a white background.

Color Contrast Check

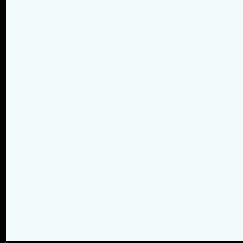
Large Text (above 18pt) WCAG AA × Fail

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 88.3435, 94.7234, 105.7227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

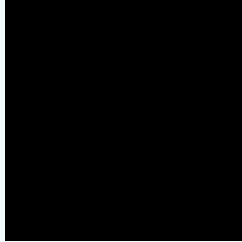
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.3435, 94.7234, 105.7227

Background



This preview shows how black text looks on a background with the XYZ color 88.3435, 94.7234, 105.7227.

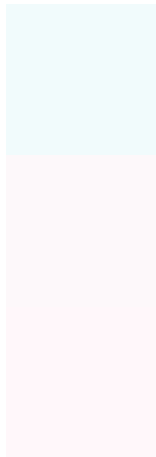


This preview shows how white text looks on a background with the XYZ color 88.3435, 94.7234,

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

88.3435, 94.7234, 105.7227

Protanopia

91.3307, 94.9196, 103.9501

Deuteranopia

91.7561, 94.6837, 103.8822

Tritanopia

90.2835, 94.7455, 108.1370

Trichromacy



Original Color

88.3435, 94.7234, 105.7227

Protanomaly

90.3552, 94.8561, 104.8136

Deuteranomaly

90.4043, 94.4238, 104.7276

Tritanomaly

89.7312, 94.9394, 107.3617

Monochromacy



Original Color

88.3435, 94.7234, 105.7227

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

88.6308, 94.0034, 103.0957

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.3435, 94.7234, 105.7227 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(241, 251, 252) looks like.

```
.text, #text, p{  
    color:rgb(241, 251, 252)  
}
```

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(241, 251, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 251, 252) }
```

Border

The CSS property to change the border of an element to XYZ 88.3435, 94.7234, 105.7227 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(241, 251, 252) }
```


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

```
.border{ border-color:rgb(241, 251, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 251, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 251, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 251, 252);  
box-shadow:4px 4px 4px 4px rgb(241, 251,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 88.3435, 94.7234, 105.7227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 251, 252) }
```

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

```
.background{ background-color: rgb(241,  
251, 252) }
```

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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