

Converting Colors

XYZ(88.0291, 96.6146, 97.9995)

Have a look what the booklet for
XYZ(88.0291, 96.6146, 97.9995)
contains.

XYZ(88.0626, 96.6316, 98.0148)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(88.0626, 96.6316,
98.0148)**

Conversions

Conversions Part 1

Format	Color
Hex	F1FFF2
RGB	241, 255, 242
RGB Percent	95%, 100%, 95%
CMY	0.0549, 0.0000, 0.0510
CMYK	0.05, 0.00, 0.05, 0.00
HSL	124°, 100%, 97%
HSV	124°, 5%, 100%
XYZ	88.0626, 96.6316, 98.0148
YIQ	249.3320, -4.1710, -7.0110

Conversions

Conversions Part 2

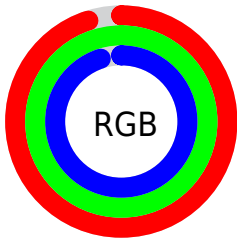
Format	Color
R_{YB}	241, 254, 255
Decimal	15859698
CIE _{Lab}	98.68, -6.88, 4.62
CIE _{LCh}	99, 8.288, 146.139
Yxy	96.6316, 0.3115, 0.3418
Android (android.graphics.Color)	4294049778 (0xFFFF1FFF2)
YUV	249.3320, -3.6147, -7.3072
Hunter-Lab	98.3014, -12.1194, 9.6938

Details

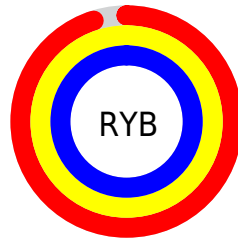
The XYZ color 88.0626, 96.6316, 98.0148 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.5850, 91.3271, 106.6191, and the grayscale version is 90.3463, 95.0513, 103.5109.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.0646, 54.2476, 54.3392 is the 20% darker color. If you saturate the color by 10%, you get 76.6292, 91.1221, 80.1020, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

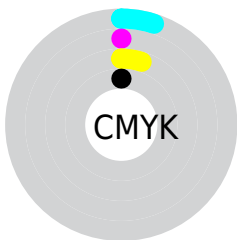
Distribution



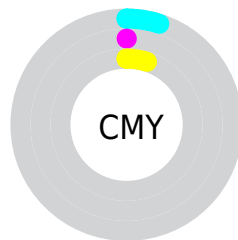
- Red (95%)
- Green (100%)
- Blue (95%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.0626, 96.6316, 98.0148 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 88.0626, 96.6316, 98.0148 by changing the saturation by 10% instead.


 88.0626, 96.6316,
98.0148

 88.0626, 96.6316,
98.0148


510.0405,
549.3753, 575.0012

 66.7059, 73.4937,
74.0360


143.5364,
156.5168, 160.4544

 49.1155, 54.3798,
54.3266


178.3842,
194.0329, 199.7523

 34.9260, 38.9053,
38.4679


218.4597,
237.1105, 244.9936

 23.7721, 26.6861,
26.0414

264.1283,
286.1341, 296.5970

 15.2885, 17.3376,
16.6285

315.7553,
341.4879, 354.9809

 9.1097, 10.4755,
9.8109

373.7061,

 4.8705, 5.7153,

403.5565, 420.5639

5.1698

438.3461,
472.7241, 493.7645

■ 2.2055, 2.6728,
2.2867

■ 0.7456, 0.9634,
0.7238

■ 88.0626, 96.6316,
98.0148

■ 88.0626, 96.6316,
98.0148

■ 76.6292, 91.1221,
80.1020

95.0500, 100.0000,
108.9000

■ 66.8060, 86.3915,
64.5749

■ 58.5213, 82.4051,
51.3342

■ 51.6971, 79.1249,
40.2720

■ 46.2485, 76.5096,
31.2715

■ 42.0818, 74.5137,
24.2053

■ 39.0917, 73.0858,
18.9315

■ 37.1560, 72.1666,
15.2892

■ 36.1253, 71.6829,
13.0884

Harmonies

Analogous

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



89.8253, 96.6316, 93.7799



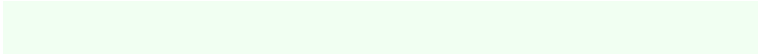
88.0626, 96.6316, 98.0148



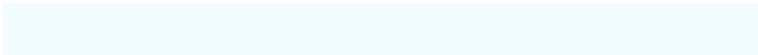
87.3131, 96.6316, 104.3271

Triad

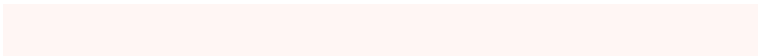
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.0626, 96.6316, 98.0148



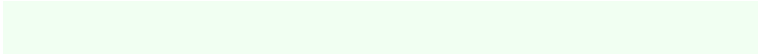
91.5347, 96.6316, 118.9749



96.0552, 96.6316, 99.4939

Complementary

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



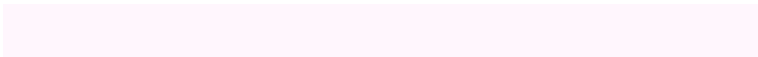
88.0626, 96.6316, 98.0148



90.5850, 91.3271, 106.6191

Split Complementary

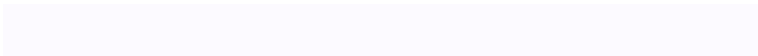
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.5320, 96.6316, 106.1087



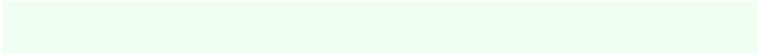
88.0626, 96.6316, 98.0148



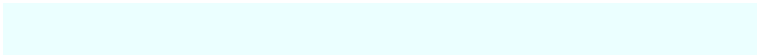
93.8956, 96.6316, 117.5447

Square

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



88.0626, 96.6316, 98.0148



89.2955, 96.6316, 116.5882



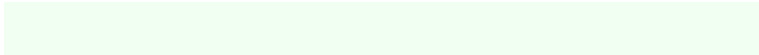
95.7351, 96.6316, 112.7603



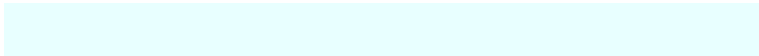
94.4434, 96.6316, 94.6073

Rectangle

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



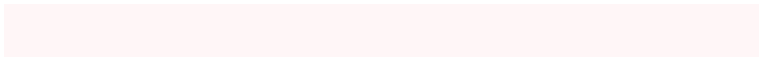
88.0626, 96.6316, 98.0148



87.4791, 96.6316, 108.9359



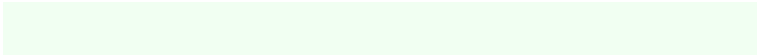
95.7351, 96.6316, 112.7603



96.3547, 96.6316, 101.5805

Sweetspot

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



88.0634, 96.6319, 98.0163



92.4453, 98.7443, 104.8472



92.5349, 98.9544, 97.4432



19.8144, 21.1485, 22.4841



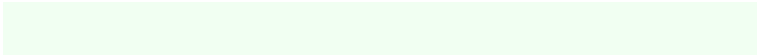
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



88.0634, 96.6319, 98.0163



86.2304, 95.7485, 95.1537



89.1247, 97.0564, 103.6049



18.3023, 20.4196, 20.1253



18.7624, 37.4016, 6.6341



1.8443, 3.6486, 0.7379

Inverse Universe

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



90.5850, 91.3271, 106.6191



89.4129, 89.0534, 106.0110



89.4946, 90.8910, 100.8771



19.0392, 18.8695, 22.6392



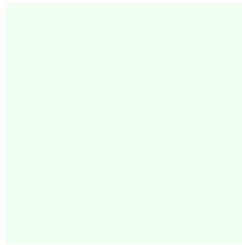
29.5427, 14.3064, 43.1036



2.8926, 1.3994, 4.2817

Previews

White Background



This preview shows how the XYZ color 88.0626, 96.6316, 98.0148 looks on a white background.

Color Contrast Check

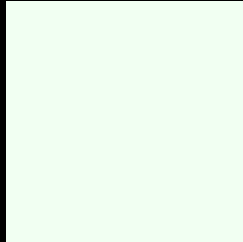
Large Text (above 18pt) WCAG AA × Fail

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 88.0626, 96.6316, 98.0148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

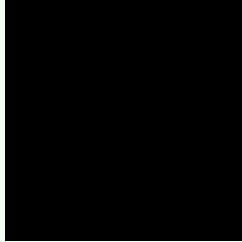
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

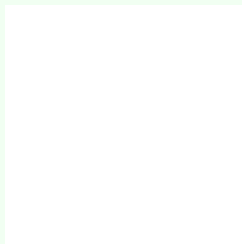
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.0626, 96.6316, 98.0148

Background



This preview shows how black text looks on a background with the XYZ color 88.0626, 96.6316, 98.0148.

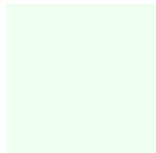


This preview shows how white text looks on a background with the XYZ color 88.0626, 96.6316,

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

88.0626, 96.6316, 98.0148



Protanopia

91.9070, 96.2238, 100.1152

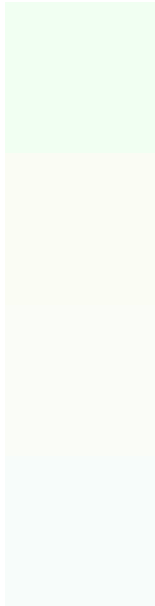
Deuteranopia

92.6809, 96.5333, 104.1905

Tritanopia

91.9715, 96.5384, 108.3941

Trichromacy



Original Color

88.0626, 96.6316, 98.0148

Protanomaly

90.5639, 96.4765, 99.4365

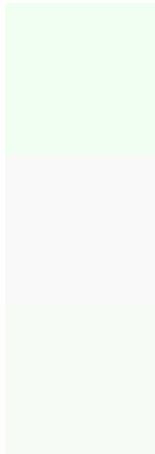
Deuteranomaly

91.0232, 96.6602, 101.8555

Tritanomaly

90.4235, 96.2971, 104.2638

Monochromacy



Original Color

88.0626, 96.6316, 98.0148

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

89.1378, 95.2410, 100.8741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.0626, 96.6316, 98.0148 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, 255, 242)` looks like.

```
.text, #text, p{  
    color:rgb(241, 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(241, 255, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 255, 242) }
```

Border

The CSS property to change the border of an element to XYZ 88.0626, 96.6316, 98.0148 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, 255, 242) }
```


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

```
.border{ border-color:rgb(241, 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(241, 255, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 255, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 255, 242);  
box-shadow:4px 4px 4px 4px rgb(241, 255,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 88.0626, 96.6316, 98.0148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 255, 242) }
```

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

```
.background{ background-color: rgb(241,  
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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