

Converting Colors

XYZ(90.1980, 96.3173,
103.7120)

Have a look what the booklet for
XYZ(90.1980, 96.3173, 103.7120)
contains.

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Color

**XYZ(89.9153, 96.0532,
103.4236)**

Conversions

Conversions Part 1

Format	Color
Hex	F6FCF9
RGB	246, 252, 249
RGB Percent	96%, 99%, 98%
CMY	0.0353, 0.0117, 0.0235
CMYK	0.02, 0.00, 0.01, 0.01
HSL	150°, 50%, 98%
HSV	150°, 2%, 99%
XYZ	89.9153, 96.0532, 103.4236
YIQ	249.8640, -2.6130, -2.2050

Conversions

Conversions Part 2

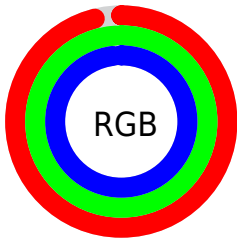
Format	Color
R_{YB}	246, 250, 252
Decimal	16186617
CIE Lab	98.45, -2.50, 0.73
CIE LCh	98, 2.604, 163.641
Yxy	96.0532, 0.3107, 0.3319
Android (android.graphics.Color)	4294376697 (0xFFFF6FCF9)
YUV	249.8640, -0.4260, -3.3887
Hunter-Lab	98.0067, -7.7487, 6.0377

Details

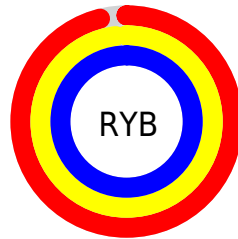
The XYZ color 89.9153, 96.0532, 103.4236 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.2031, 93.4490, 102.9105, and the grayscale version is 90.7614, 95.4880, 103.9865.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.3760, 53.8276, 58.1867 is the 20% darker color. If you saturate the color by 10%, you get 79.7680, 91.0445, 93.0258, and if you desaturate by 10%, it is 94.1023, 98.1045, 108.5841.

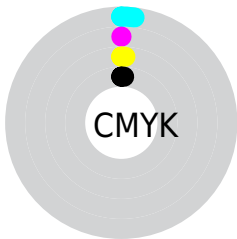
Distribution



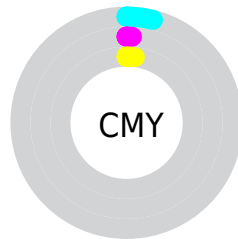
- Red (96%)
- Green (99%)
- Blue (98%)



- Red (96%)
- Yellow (98%)
- Blue (99%)



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (1%)



- Cyan (4%)
- Magenta (1%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 89.9153, 96.0532, 103.4236 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 89.9153, 96.0532, 103.4236 by changing the saturation by 10% instead.

89.9153, 96.0532,
103.4236

89.9153, 96.0532,
103.4236

515.9973,
547.5312, 592.4543

68.2464, 73.0119,
78.5300

146.0997,
155.7188, 167.9469

50.3727, 53.9857,
57.9905

181.3459,
193.1119, 208.4136

35.9286, 38.5902,
41.3863

221.8486,
236.0577, 254.9086

24.5489, 26.4411,
28.2991

267.9732,
284.9406, 307.8502

15.8682, 17.1539,
18.3102

320.0850,
340.1451, 367.6570

9.5212, 10.3443,
11.0012

378.5494,

5.1425, 5.6278,

402.0554, 434.7476

5.9535

443.7317,
471.0559, 509.5406

■ 2.3667, 2.6201,
2.7485

■ 0.8285, 0.9368,
0.9677

■ 89.9153, 96.0532,
103.4236

■ 89.9153, 96.0532,
103.4236

■ 79.7680, 91.0445,
93.0258

■ 94.1023, 98.1045,
108.5841

■ 70.8987, 86.6769,
83.3613

■ 63.2563, 82.9272,
74.4162

■ 56.7830, 79.7658,
66.1732

■ 51.4163, 77.1609,
58.6148

■ 47.0873, 75.0773,
51.7224

■ 43.7193, 73.4758,
45.4766

■ 41.2239, 72.3111,
39.8566

■ 39.4948, 71.5290,
34.8403

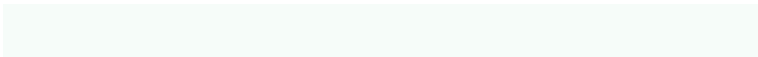
Harmonies

Analogous

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



90.3014, 96.0532, 101.6174



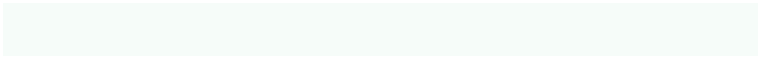
89.9153, 96.0532, 103.4236



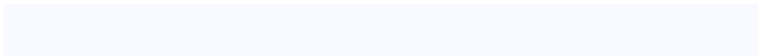
89.8977, 96.0532, 105.5653

Triad

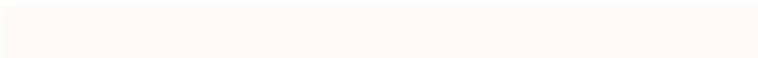
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.9153, 96.0532, 103.4236



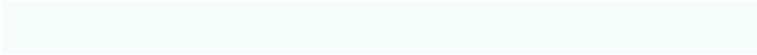
91.6371, 96.0532, 108.6617



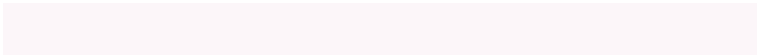
92.3461, 96.0532, 101.7536

Complementary

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



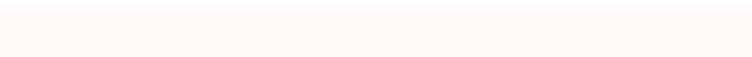
89.9153, 96.0532, 103.4236



90.2031, 93.4490, 102.9105

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.



92.7081, 96.0532, 103.6120



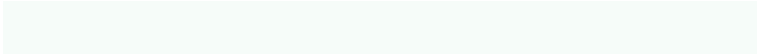
89.9153, 96.0532, 103.4236



92.2972, 96.0532, 107.6111

Square

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



89.9153, 96.0532, 103.4236



90.8890, 96.0532, 108.6096



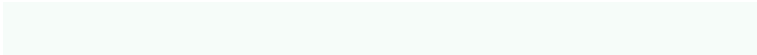
92.6901, 96.0532, 105.7563



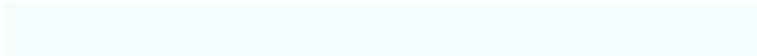
91.7035, 96.0532, 100.6623

Rectangle

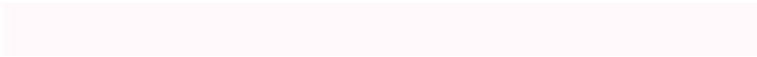
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



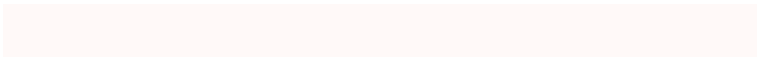
89.9153, 96.0532, 103.4236



90.0972, 96.0532, 106.8965



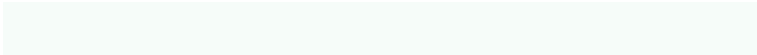
92.6901, 96.0532, 105.7563



92.5048, 96.0532, 102.3082

Sweetspot

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



89.9180, 96.0573, 103.4257



93.9133, 99.4377, 107.7781



90.5510, 96.4373, 101.0318



20.1133, 21.2897, 23.0808



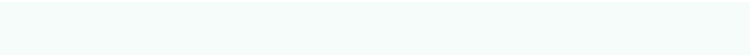
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



89.9180, 96.0573, 103.4257



91.6811, 98.3338, 105.5576



90.3746, 96.2400, 105.8302



18.6071, 20.0605, 21.4500



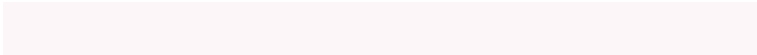
20.1664, 37.0796, 16.7516



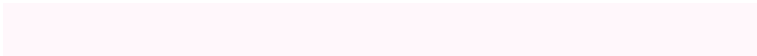
1.9213, 3.4556, 1.8332

Inverse Universe

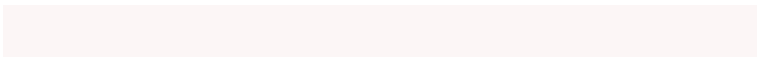
The Inverse Universe completely reimagines the original color for something new.



90.2031, 93.4490, 102.9105



92.0485, 94.9720, 104.8936



89.7534, 93.2691, 100.5428



18.7018, 19.1940, 21.2789



22.9509, 11.5961, 11.7157



2.1792, 1.0954, 1.3668

Previews

White Background



This preview shows how the XYZ color 89.9153, 96.0532, 103.4236 looks on a white background.

Color Contrast Check

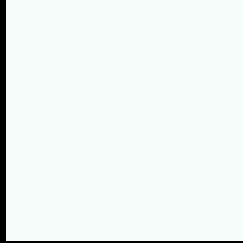
Large Text (above 18pt) WCAG AA × Fail

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 89.9153, 96.0532, 103.4236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

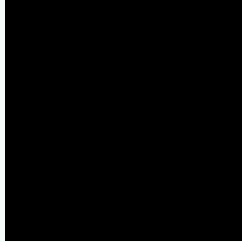
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 89.9153, 96.0532, 103.4236

Background



This preview shows how black text looks on a background with the XYZ color 89.9153, 96.0532, 103.4236.

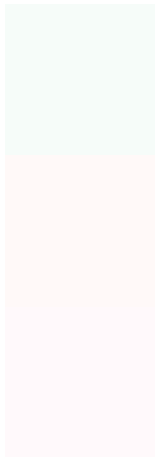


This preview shows how white text looks on a background with the XYZ color 89.9153, 96.0532,

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

89.9153, 96.0532, 103.4236

Protanopia

92.0590, 95.7887, 102.4440

Deuteranopia

92.5283, 95.9764, 104.9153

Tritanopia

91.6599, 95.9152, 108.2902

Trichromacy

Original Color

89.9153, 96.0532, 103.4236

Protanomaly

91.2738, 95.8440, 102.4960

Deuteranomaly

91.5858, 95.9688, 104.1392

Tritanomaly

91.2937, 96.2259, 106.6903

Monochromacy

Original Color

89.9153, 96.0532, 103.4236

Achromatopsia

90.8653, 95.5973, 104.1055

Achromatomaly

90.8194, 96.0362, 104.1926

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.9153, 96.0532, 103.4236 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(246, 252, 249) looks like.

```
.text, #text, p{  
    color:rgb(246, 252, 249)  
}
```

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(246, 252, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 252, 249) }
```

Border

The CSS property to change the border of an element to XYZ 89.9153, 96.0532, 103.4236 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(246, 252, 249) }
```


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

```
.border{ border-color:rgb(246, 252, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 252, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 252, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 252, 249);  
box-shadow:4px 4px 4px 4px rgb(246, 252,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 89.9153, 96.0532, 103.4236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 252, 249) }
```

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

```
.background{ background-color: rgb(246,  
252, 249) }
```

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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