

Converting Colors

XYZ(89.9746, 96.4330,
108.4790)

Have a look what the booklet for
XYZ(89.9746, 96.4330, 108.4790)
contains.

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Color

**XYZ(90.1374, 96.5252,
108.4882)**

Conversions

Conversions Part 1

Format	Color
Hex	F3FDFF
RGB	243, 253, 255
RGB Percent	95%, 99%, 100%
CMY	0.0471, 0.0078, 0.0000
CMYK	0.05, 0.01, 0.00, 0.00
HSL	190°, 100%, 98%
HSV	190°, 5%, 100%
XYZ	90.1374, 96.5252, 108.4882
YIQ	250.2380, -6.6020, -1.4980

Conversions

Conversions Part 2

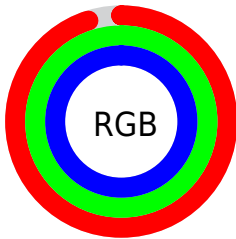
Format	Color
R _Y B	243, 248, 255
Decimal	15990271
CIE Lab	98.64, -2.90, -2.10
CIE LCh	99, 3.583, 215.915
Yxy	96.5252, 0.3054, 0.3270
Android (android.graphics.Color)	4294180351 (0xFF3FDFF)
YUV	250.2380, 2.3477, -6.3477
Hunter-Lab	98.2472, -8.1670, 3.3029

Details

The XYZ color 90.1374, 96.5252, 108.4882 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.0692, 93.0337, 98.0056, and the grayscale version is 91.0503, 95.7920, 104.3175.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.4265, 54.1219, 61.2149 is the 20% darker color. If you saturate the color by 10%, you get 80.6185, 89.6563, 107.6641, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

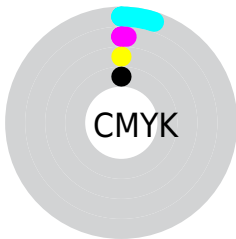
Distribution



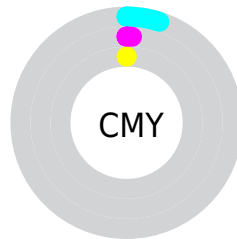
- Red (95%)
- Green (99%)
- Blue (100%)



- Red (95%)
- Yellow (97%)
- Blue (100%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 90.1374, 96.5252, 108.4882 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 90.1374, 96.5252, 108.4882 by changing the saturation by 10% instead.

90.1374, 96.5252,
108.4882

90.1374, 96.5252,
108.4882

516.7089,
549.0363, 608.5548

68.4313, 73.4051,
82.7518

146.4066,
156.3700, 174.9272

50.5236, 54.3072,
61.4460

181.7004,
193.8635, 216.4669

36.0491, 38.8473,
44.1523

222.2541,
236.9169, 264.1113

24.6424, 26.6410,
30.4522

268.4331,
285.9146, 318.2791

15.9382, 17.3038,
19.9271

320.6027,
341.2410, 379.3889

9.5710, 10.4513,
12.1585

379.1283,

5.1755, 5.6992,

403.2805, 447.8590

6.7279

444.3753,
472.4175, 524.1081

■ 2.3864, 2.6631,
3.2166

■ 0.8383, 0.9585,
1.2063

■ 90.1374, 96.5252,
108.4882

■ 90.1374, 96.5252,
108.4882

■ 80.6185, 89.6563,
107.6641

95.0500, 100.0000,
108.9000

■ 72.2987, 83.4467,
106.9040

■ 65.1269, 77.8725,
106.2061

■ 59.0452, 72.9036,
105.5675

■ 53.9905, 68.5071,
104.9853

■ 49.8932, 64.6468,
104.4562

■ 46.6747, 61.2821,
103.9763

■ 44.2438, 58.3654,
103.5415

■ 42.4881, 55.8386,
103.1463

Harmonies

Analogous

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



89.7734, 96.5252, 105.6897



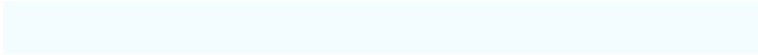
90.1374, 96.5252, 108.4882



90.9323, 96.5252, 110.4047

Triad

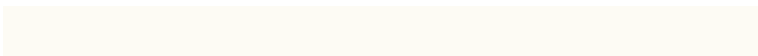
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.1374, 96.5252, 108.4882



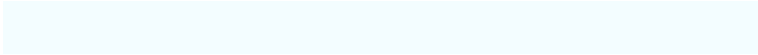
93.5785, 96.5252, 107.4494



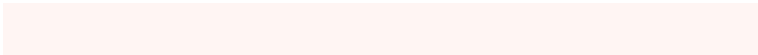
91.5388, 96.5252, 99.5160

Complementary

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



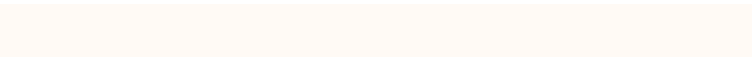
90.1374, 96.5252, 108.4882



90.0692, 93.0337, 98.0056

Split Complementary

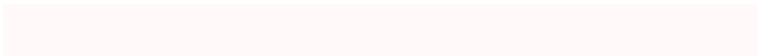
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.5612, 96.5252, 99.9671



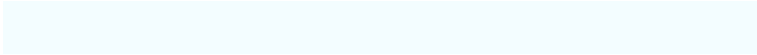
90.1374, 96.5252, 108.4882



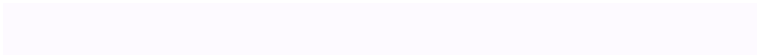
93.7439, 96.5252, 104.5115

Square

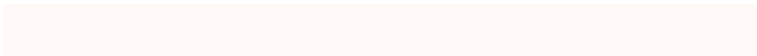
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



90.1374, 96.5252, 108.4882



92.9200, 96.5252, 109.7970



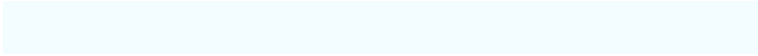
93.3702, 96.5252, 101.7822



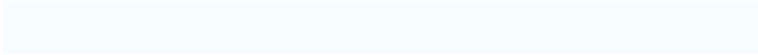
90.5785, 96.5252, 100.5380

Rectangle

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



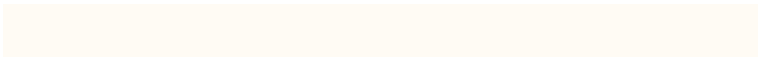
90.1374, 96.5252, 108.4882



91.6022, 96.5252, 110.9046



93.3702, 96.5252, 101.7822



91.8865, 96.5252, 99.5006

Sweetspot

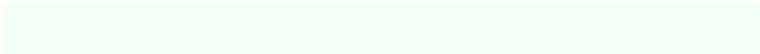
The Sweet Spot groups the original color and five complimentary colors.



90.1399, 96.5292, 108.4889



93.9830, 99.2494, 108.8114



89.1739, 97.1555, 100.2804



20.1275, 21.2514, 23.2910



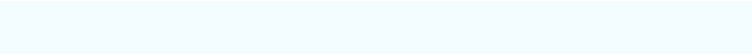
0.0000, 0.0000, 0.0000



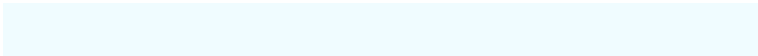
20.3446, 21.4041, 23.3091

Same Dimension

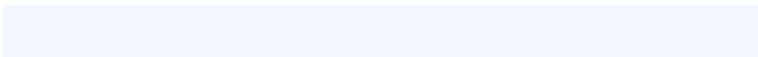
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.1399, 96.5292, 108.4889



88.8375, 95.6009, 108.3783



88.3351, 92.9197, 107.8873



18.8760, 20.3632, 23.1856



21.9091, 28.7278, 53.8249



2.1984, 2.9276, 5.2625

Inverse Universe

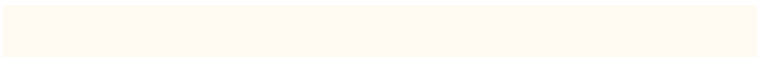
The Inverse Universe completely reimagines the original color for something new.



91.0217, 92.4545, 105.9814



89.9550, 90.4610, 105.1951



91.8529, 96.6011, 98.6002



19.1404, 19.1500, 22.4318



27.8469, 13.6281, 34.1739



2.7443, 1.3401, 3.5008

Previews

White Background



This preview shows how the XYZ color 90.1374, 96.5252, 108.4882 looks on a white background.

Color Contrast Check

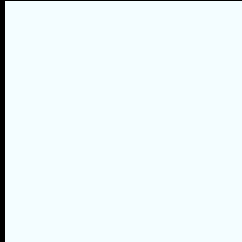
Large Text (above 18pt) WCAG AA × Fail

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 90.1374, 96.5252, 108.4882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

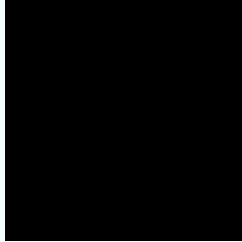
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 90.1374, 96.5252, 108.4882

Background



This preview shows how black text looks on a background with the XYZ color 90.1374, 96.5252, 108.4882.

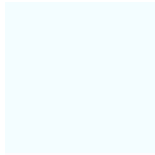


This preview shows how white text looks on a background with the XYZ color 90.1374, 96.5252,

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

90.1374, 96.5252, 108.4882

Protanopia

93.1552, 96.7231, 106.6881

Deuteranopia

92.9963, 96.6595, 105.8512

Tritanopia

91.9715, 96.5384, 108.3941

Trichromacy

Original Color

90.1374, 96.5252, 108.4882

Protanomaly

92.1702, 96.6593, 107.5652

Deuteranomaly

92.0105, 96.5954, 106.7238

Tritanomaly

91.2182, 96.6150, 108.4486

Monochromacy

Original Color

90.1374, 96.5252, 108.4882

Achromatopsia

90.8653, 95.5973, 104.1055

Achromatomaly

90.4256, 95.7968, 105.8201

CSS Examples

Text

The CSS property to change the color of the text to XYZ 90.1374, 96.5252, 108.4882 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(243, 253, 255)` looks like.

```
.text, #text, p{  
    color:rgb(243, 253, 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(243, 253, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 253, 255) }
```

Border

The CSS property to change the border of an element to XYZ 90.1374, 96.5252, 108.4882 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(243, 253, 255) }
```


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

```
.border{ border-color:rgb(243, 253, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 253, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 253, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 253, 255);  
box-shadow:4px 4px 4px 4px rgb(243, 253,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 90.1374, 96.5252, 108.4882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 253, 255) }
```

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

```
.background{ background-color: rgb(243,  
253, 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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