

Converting Colors

XYZ(90.5357, 95.2002,
105.2335)

Have a look what the booklet for
XYZ(90.5357, 95.2002, 105.2335)
contains.

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Color

**XYZ(90.6651, 95.4760,
104.9169)**

Conversions

Conversions Part 1

Format	Color
Hex	F9FAFB
RGB	249, 250, 251
RGB Percent	98%, 98%, 98%
CMY	0.0235, 0.0196, 0.0157
CMYK	0.01, 0.00, 0.00, 0.02
HSL	210°, 20%, 98%
HSV	210°, 1%, 98%
XYZ	90.6651, 95.4760, 104.9169
YIQ	249.8150, -0.9170, 0.0990

Conversions

Conversions Part 2

Format	Color
R _Y B	249, 250, 251
Decimal	16382715
CIE Lab	98.22, -0.15, -0.60
CIE LCh	98, 0.622, 256.210
Yxy	95.4760, 0.3115, 0.3280
Android (android.graphics.Color)	4294572795 (0xFF9FAFB)
YUV	249.8150, 0.5842, -0.7148
Hunter-Lab	97.7118, -5.3686, 4.7363

Details

The XYZ color 90.6651, 95.4760, 104.9169 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 91.0682, 95.7188, 103.2996, and the grayscale version is 90.7119, 95.4359, 103.9297.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 51.1344, 53.8612, 59.3309 is the 20% darker color. If you saturate the color by 10%, you get 78.5548, 83.6608, 103.2761, and if you desaturate by 10%, it is 94.4129, 99.7451, 105.5448.

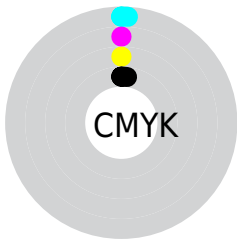
Distribution



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



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 90.6651, 95.4760, 104.9169 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 90.6651, 95.4760, 104.9169 by changing the saturation by 10% instead.

90.6651, 95.4760,
104.9169

90.6651, 95.4760,
104.9169

518.3977,
545.6877, 597.2251

68.8705, 72.5312,
79.7735

147.1356,
154.9221, 170.0085

50.8825, 53.5927,
59.0069

182.5421,
192.1921, 210.7937

36.3358, 38.2762,
42.1986

223.2167,
235.0060, 257.6299

24.8649, 26.1971,
28.9301

269.5247,
283.7482, 310.9357

16.1047, 16.9711,
18.7828

321.8315,
338.8031, 371.1295

9.6896, 10.2139,
11.3382

380.5023,

5.2543, 5.5410,

400.5551, 438.6300

6.1778

445.9026,
469.3885, 513.8557

■ 2.4335, 2.5681,
2.8830

■ 0.8619, 0.9106,
1.0352

■ 90.6651, 95.4760,
104.9169

■ 90.6651, 95.4760,
104.9169

■ 78.5548, 83.6608,
103.2761

94.4129, 99.7451,
105.5448

■ 67.8423, 72.9380,
101.7710

■ 58.4751, 63.2758,
100.3997

■ 50.3939, 54.6359,
99.1579

■ 43.5351, 46.9773,
98.0412

■ 37.8290, 40.2557,
97.0445

■ 33.1979, 34.4225,
96.1627

■ 29.5536, 29.4231,
95.3898

■ 26.7914, 25.1942,
94.7191

Harmonies

Analogous

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



90.5092, 95.4760, 104.6700



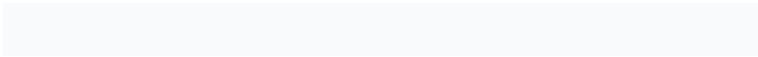
90.6651, 95.4760, 104.9169



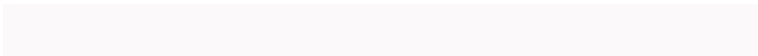
90.8431, 95.4760, 104.9061

Triad

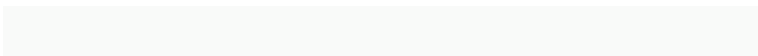
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.6651, 95.4760, 104.9169



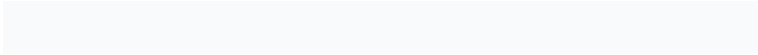
91.0778, 95.4760, 103.6823



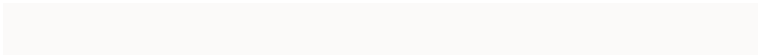
90.4990, 95.4760, 103.2768

Complementary

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



90.6651, 95.4760, 104.9169



91.0682, 95.7188, 103.2996

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.



90.6511, 95.4760, 103.0139



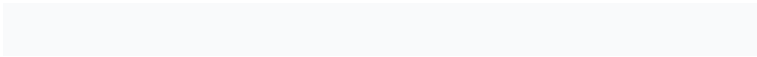
90.6651, 95.4760, 104.9169



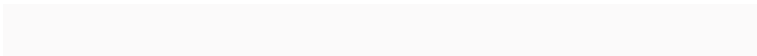
90.9853, 95.4760, 103.2475

Square

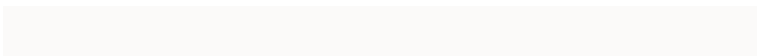
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



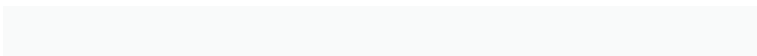
90.6651, 95.4760, 104.9169



91.0816, 95.4760, 104.1921



90.8291, 95.4760, 103.0032



90.4134, 95.4760, 103.7225

Rectangle

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



90.6651, 95.4760, 104.9169



90.9505, 95.4760, 104.7541



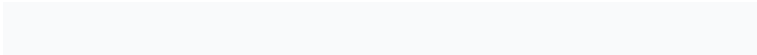
90.8291, 95.4760, 103.0032



90.5440, 95.4760, 103.1642

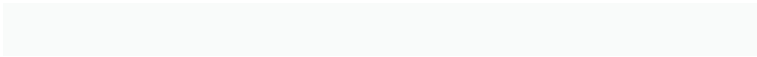
Sweetspot

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



90.6678, 95.4801, 104.9190

95.0500, 100.0000, 108.9000



90.8156, 96.0356, 104.1667



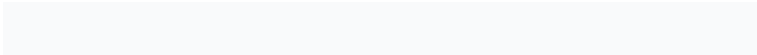
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



90.6678, 95.4801, 104.9190



93.7144, 98.7122, 108.7218



90.3668, 94.8781, 104.8187



19.2163, 20.2398, 22.2792



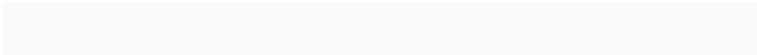
13.2231, 11.8017, 49.5546



1.3307, 1.3051, 4.6250

Inverse Universe

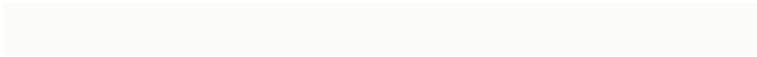
The Inverse Universe completely reimagines the original color for something new.



90.9167, 95.1644, 104.0241



94.0381, 98.3023, 107.5577



91.3707, 96.3238, 103.4005



19.2792, 20.1601, 22.0529



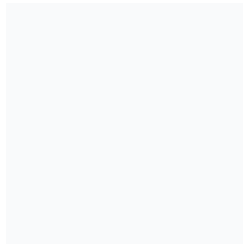
22.9664, 11.6023, 11.7975



2.1806, 1.0960, 1.3745

Previews

White Background



This preview shows how the XYZ color 90.6651, 95.4760, 104.9169 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 90.6651, 95.4760, 104.9169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

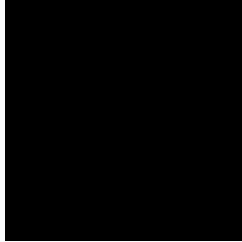
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 90.6651, 95.4760, 104.9169

Background



This preview shows how black text looks on a background with the XYZ color 90.6651, 95.4760, 104.9169.



This preview shows how white text looks on a background with the XYZ color 90.6651, 95.4760,

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

90.6651, 95.4760, 104.9169

Protanopia

92.0041, 95.7243, 104.0700

Deuteranopia

92.0627, 95.2969, 103.9844

Tritanopia

91.3500, 95.2954, 108.1869

Trichromacy

Original Color

90.6651, 95.4760, 104.9169

Protanomaly

91.2759, 95.3489, 104.0359

Deuteranomaly

91.6390, 95.5361, 104.0529

Tritanomaly

91.1894, 95.2311, 107.3412

Monochromacy

Original Color

90.6651, 95.4760, 104.9169

Achromatopsia

90.8653, 95.5973, 104.1055

Achromatomaly

90.8653, 95.5973, 104.1055

CSS Examples

Text

The CSS property to change the color of the text to XYZ 90.6651, 95.4760, 104.9169 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(249, 250, 251)` looks like.

```
.text, #text, p{  
    color:rgb(249, 250, 251)  
}
```

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(249, 250, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 250, 251) }
```

Border

The CSS property to change the border of an element to XYZ 90.6651, 95.4760, 104.9169 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(249, 250, 251) }
```

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

```
.border{ border-color:rgb(249, 250, 251) }
```

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

Here you see how a box with a 4 pixel rgb(249, 250, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 250, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 250, 251);  
box-shadow:4px 4px 4px 4px rgb(249, 250,  
251) }
```


Background

The CSS property to change the background color of an element to XYZ 90.6651, 95.4760, 104.9169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 250, 251) }
```

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

```
.background{ background-color: rgb(249,  
250, 251) }
```

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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