

Converting Colors

XYZ(90.6253, 96.7196,
107.5768)

Have a look what the booklet for
XYZ(90.6253, 96.7196, 107.5768)
contains.

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Color

**XYZ(90.6709, 96.8188,
107.6750)**

Conversions

Conversions Part 1

Format	Color
Hex	F5FD FE
RGB	245, 253, 254
RGB Percent	96%, 99%, 100%
CMY	0.0392, 0.0078, 0.0039
CMYK	0.04, 0.00, 0.00, 0.00
HSL	187°, 82%, 98%
HSV	187°, 4%, 100%
XYZ	90.6709, 96.8188, 107.6750
YIQ	250.7220, -5.0890, -1.3850

Conversions

Conversions Part 2

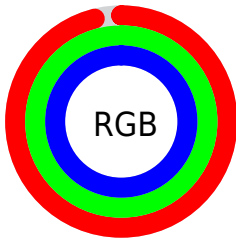
Format	Color
R _Y B	245, 249, 254
Decimal	16121342
CIE Lab	98.76, -2.44, -1.40
CIE LCh	99, 2.810, 209.918
Yxy	96.8188, 0.3072, 0.3280
Android (android.graphics.Color)	4294311422 (0xFF5FD5E)
YUV	250.7220, 1.6161, -5.0182
Hunter-Lab	98.3965, -7.7090, 3.9967

Details

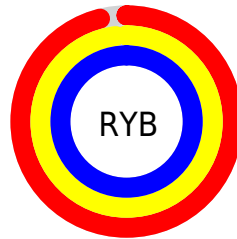
The XYZ color 90.6709, 96.8188, 107.6750 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.3106, 93.5741, 99.6895, and the grayscale version is 91.4563, 96.2191, 104.7826.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.8042, 54.3299, 60.6324 is the 20% darker color. If you saturate the color by 10%, you get 81.5307, 90.8018, 106.9968, and if you desaturate by 10%, it is 94.8897, 99.9359, 108.0558.

Distribution



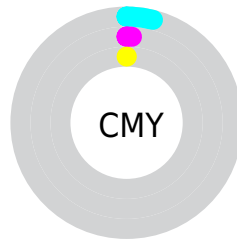
- Red (96%)
- Green (99%)
- Blue (100%)



- Red (96%)
- Yellow (98%)
- Blue (100%)



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





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

Brightness & Saturation Gradients

These gradients show how the XYZ color 90.6709, 96.8188, 107.6750 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 90.6709, 96.8188, 107.6750 by changing the saturation by 10% instead.


 90.6709, 96.8188,
107.6750

 90.6709, 96.8188,
107.6750


518.4163,
549.9714, 605.9847

 68.8753, 73.6497,
82.0730

147.1436,
156.7750, 173.8086

 50.8865, 54.5074,
60.8896


182.5514,
194.3308, 215.1773

 36.3389, 39.0074,
43.7061


223.2273,
237.4510, 262.6387

 24.8674, 26.7655,
30.1040

269.5367,
286.5200, 316.6113

 16.1065, 17.3972,
19.6648

321.8450,
341.9221, 377.5137

 9.6909, 10.5181,
11.9700

380.5174,

 5.2552, 5.7438,

404.0418, 445.7643

6.6010

445.9194,
473.2634, 521.7818

■ 2.4340, 2.6899,
3.1392

■ 0.8621, 0.9721,
1.1661

■ 90.6709, 96.8188,
107.6750

■ 90.6709, 96.8188,
107.6750

■ 81.5307, 90.8018,
106.9968

94.8897, 99.9359,
108.0558

■ 73.5679, 85.4084,
106.3755

■ 66.7326, 80.6156,
105.8106

■ 60.9683, 76.3940,
105.2996

■ 56.2132, 72.7118,
104.8395

■ 52.3993, 69.5338,
104.4271

■ 49.4503, 66.8205,
104.0588


■ 47.2776, 64.5263,
103.7305

■ 45.7731, 62.5953,
103.4371

Harmonies

Analogous

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



90.4641, 96.8188, 105.4128



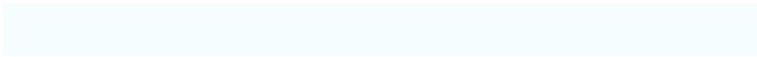
90.6709, 96.8188, 107.6750



91.2396, 96.8188, 109.3532

Triad

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



90.6709, 96.8188, 107.6750



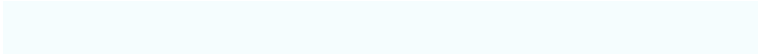
93.3869, 96.8188, 107.6863



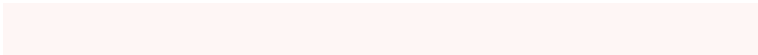
92.0256, 96.8188, 100.9917

Complementary

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



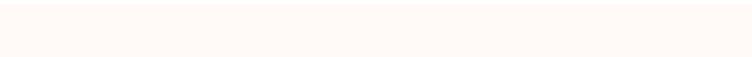
90.6709, 96.8188, 107.6750



90.3106, 93.5741, 99.6895

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.



92.8116, 96.8188, 101.5807



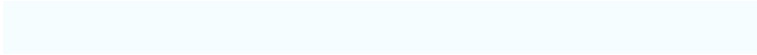
90.6709, 96.8188, 107.6750



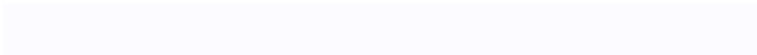
93.6004, 96.8188, 105.4257

Square

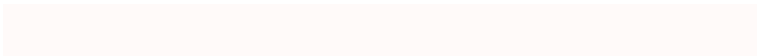
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



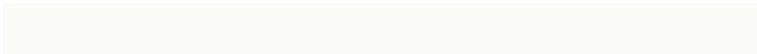
90.6709, 96.8188, 107.6750



92.8077, 96.8188, 109.3598



93.3892, 96.8188, 103.1952



91.2435, 96.8188, 101.5744

Rectangle

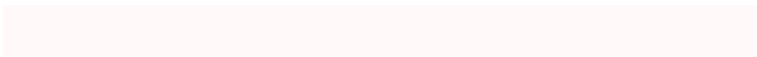
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



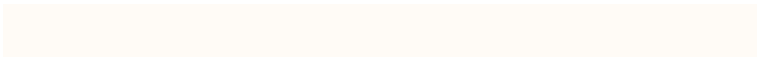
90.6709, 96.8188, 107.6750



91.7491, 96.8188, 109.9029



93.3892, 96.8188, 103.1952



92.2982, 96.8188, 101.0592

Sweetspot

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



90.6737, 96.8229, 107.6771



94.0281, 99.3396, 108.8264



89.7187, 96.9454, 101.0935



20.1367, 21.2697, 23.2941



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

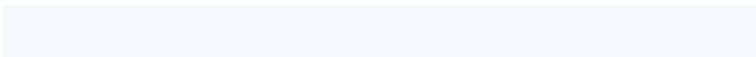
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.6737, 96.8229, 107.6771



91.0374, 97.3984, 108.6093



89.2993, 94.0742, 107.2190



19.3290, 20.7451, 23.2354



23.8221, 32.5539, 54.4626



2.3664, 3.2635, 5.3185

Inverse Universe

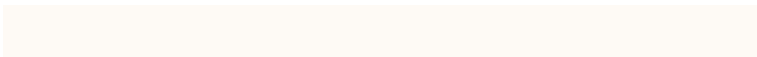
The Inverse Universe completely reimagines the original color for something new.



91.2573, 93.4694, 106.1650



91.7007, 93.5914, 106.8896



91.6661, 96.2851, 100.1413



19.4970, 19.7826, 22.7993



28.8125, 14.0143, 39.2587



2.8291, 1.3740, 3.9472

Previews

White Background



This preview shows how the XYZ color 90.6709, 96.8188, 107.6750 looks on a white background.

Color Contrast Check

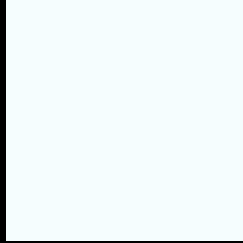
Large Text (above 18pt) WCAG AA × Fail

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 90.6709, 96.8188, 107.6750 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 90.6709, 96.8188, 107.6750

Background



This preview shows how black text looks on a background with the XYZ color 90.6709, 96.8188, 107.6750.

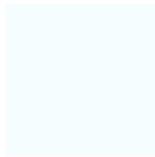


This preview shows how white text looks on a background with the XYZ color 90.6709, 96.8188,

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

90.6709, 96.8188, 107.6750



Protanopia

92.9963, 96.6595, 105.8512

Deuteranopia

92.9963, 96.6595, 105.8512

Tritanopia

92.3308, 96.7236, 108.4109

Trichromacy

Original Color

90.6709, 96.8188, 107.6750

Protanomaly

92.0105, 96.5954, 106.7238

Deuteranomaly

92.0105, 96.5954, 106.7238

Tritanomaly

91.9273, 96.9805, 108.4818

Monochromacy

Original Color

90.6709, 96.8188, 107.6750

Achromatopsia

91.6934, 96.4686, 105.0543

Achromatomaly

91.4480, 96.7888, 105.9577

CSS Examples

Text

The CSS property to change the color of the text to XYZ 90.6709, 96.8188, 107.6750 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(245, 253, 254)` looks like.

```
.text, #text, p{  
    color:rgb(245, 253, 254)  
}
```

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(245, 253, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 253, 254) }
```

Border

The CSS property to change the border of an element to XYZ 90.6709, 96.8188, 107.6750 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(245, 253, 254) }
```


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

```
.border{ border-color:rgb(245, 253, 254) }
```

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

Here you see how a box with a 4 pixel rgb(245, 253, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 253, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 253, 254);  
box-shadow:4px 4px 4px 4px rgb(245, 253,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 90.6709, 96.8188, 107.6750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 253, 254) }
```

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

```
.background{ background-color: rgb(245,  
253, 254) }
```

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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