

# Converting Colors

XYZ(90.8290, 96.2791,  
106.2663)

Have a look what the booklet for  
XYZ(90.8290, 96.2791, 106.2663)  
contains.

|  |    |
|--|----|
| <b>XYZ(90.7389, 96.4232, 105.9246)</b> .....   | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 12 |
| <b><i>Previews</i></b> .....                   | 24 |
| <b><i>Color Blindness Simulation</i></b> ..... | 28 |
| <b><i>CSS Examples</i></b> .....               | 31 |

# Color

**XYZ(90.7389, 96.4232,  
105.9246)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | F7FCFC                     |
| RGB         | 247, 252, 252              |
| RGB Percent | 97%, 99%, 99%              |
| CMY         | 0.0314, 0.0117, 0.0118     |
| CMYK        | 0.02, 0.00, 0.00, 0.01     |
| HSL         | 180°, 46%, 98%             |
| HSV         | 180°, 2%, 99%              |
| XYZ         | 90.7389, 96.4232, 105.9246 |
| YIQ         | 250.5050, -2.9800, -1.0600 |

# Conversions

## Conversions Part 2

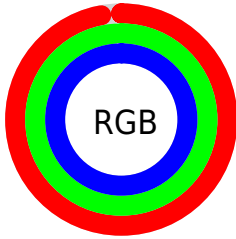
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| R <sub>Y</sub> B                    | 247, 250, 252                |
| Decimal                             | 16252156                     |
| CIE Lab                             | 98.60, -1.64, -0.59          |
| CIE LCh                             | 99, 1.739, 199.675           |
| Yxy                                 | 96.4232, 0.3096,<br>0.3290   |
| Android<br>(android.graphics.Color) | 4294442236<br>(0xFF7FCFCFC)  |
| YUV                                 | 250.5050, 0.7370,<br>-3.0739 |
| Hunter-Lab                          | 98.1953, -6.8961,<br>4.7798  |

# Details

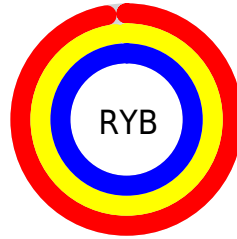
The XYZ color 90.7389, 96.4232, 105.9246 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.1977, 93.9350, 101.3778, and the grayscale version is 91.2823, 96.0360, 104.5833.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.8513, 54.0467, 59.3817 is the 20% darker color. If you saturate the color by 10%, you get 82.4434, 92.1498, 105.5219, and if you desaturate by 10%, it is 93.6263, 97.9141, 106.0781.

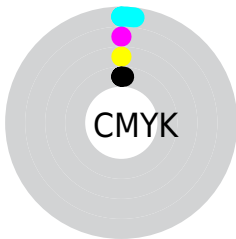
# Distribution



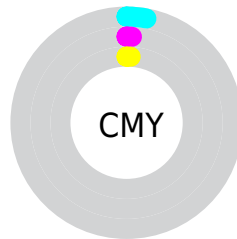
- Red (97%)
- Green (99%)
- Blue (99%)



- Red (97%)
- Yellow (98%)
- Blue (99%)



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




- Cyan (3%)
- Magenta (1%)
- Yellow (1%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 90.7389, 96.4232, 105.9246 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 90.7389, 96.4232, 105.9246 by changing the saturation by 10% instead.



 90.7389, 96.4232,  
105.9246

 90.7389, 96.4232,  
105.9246


518.6337,  
548.7112, 600.4332

 68.9319, 73.3201,  
80.6132


147.2375,  
156.2293, 171.3980

 50.9327, 54.2377,  
59.6940


182.6598,  
193.7012, 212.3971

 36.3759, 38.7917,  
42.7483


223.3513,  
236.7313, 259.4625

 24.8961, 26.5978,  
29.3578

269.6773,  
285.7042, 313.0128

 16.1280, 17.2714,  
19.1037

322.0032,  
341.0043, 373.4665

 9.7062, 10.4282,  
11.5677

380.6943,

 5.2654, 5.6837,

403.0159, 441.2421

6.3311

446.1160,  
472.1234, 516.7581

■ 2.4401, 2.6537,  
2.9754

■ 0.8652, 0.9538,  
1.0821

■ 90.7389, 96.4232,  
105.9246

■ 90.7389, 96.4232,  
105.9246

■ 82.4434, 92.1498,  
105.5219

■ 93.6263, 97.9141,  
106.0781

■ 75.2984, 88.4668,  
105.1711

■ 93.6295, 97.9153,  
106.0947

■ 69.2556, 85.3520,  
104.8719

■ 93.6326, 97.9166,  
106.1113

■ 64.2602, 82.7771,  
104.6217

■ 93.6358, 97.9179,  
106.1279

60.2525, 80.7114,  
104.4177

93.6389, 97.9191,  
106.1445

57.1670, 79.1211,  
104.2569

93.6421, 97.9204,  
106.1611

54.9303, 77.9684,  
104.1358

93.6452, 97.9216,  
106.1776

53.4578, 77.2097,  
104.0505

93.6484, 97.9229,  
106.1942

52.6474, 76.7923,  
103.9961

93.6515, 97.9242,  
106.2108

# Harmonies

## Analogous

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



90.6983, 96.4232, 104.4924



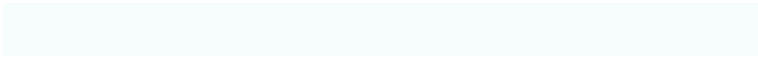
90.7389, 96.4232, 105.9246



91.0224, 96.4232, 107.1162

# Triad

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



90.7389, 96.4232, 105.9246



92.3873, 96.4232, 106.7927



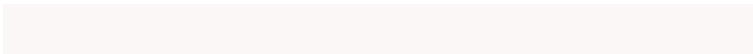
91.8210, 96.4232, 102.2847

# Complementary

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



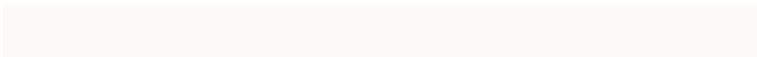
90.7389, 96.4232, 105.9246



90.1977, 93.9350, 101.3778

# Split Complementary

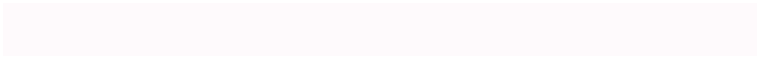
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.2752, 96.4232, 102.8891



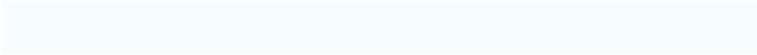
90.7389, 96.4232, 105.9246



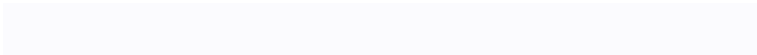
92.6030, 96.4232, 105.4861

# Square

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



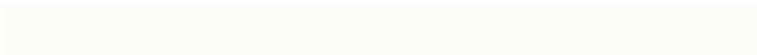
90.7389, 96.4232, 105.9246



91.9736, 96.4232, 107.6206



92.5619, 96.4232, 104.0579



91.3218, 96.4232, 102.3996



# Rectangle

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



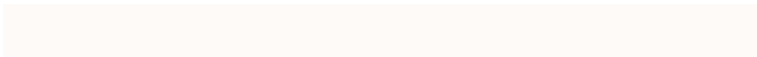
90.7389, 96.4232, 105.9246



91.3115, 96.4232, 107.6096



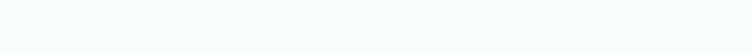
92.5619, 96.4232, 104.0579



91.9840, 96.4232, 102.4102

# Sweetspot

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



90.7416, 96.4273, 105.9267



94.1177, 99.5194, 108.8547



89.9889, 96.1296, 101.8092



20.1549, 21.3063, 23.2999



0.0000, 0.0000, 0.0000

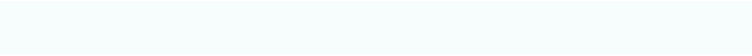


20.3446, 21.4041, 23.3091



# Same Dimension

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



90.7416, 96.4273, 105.9267



93.1979, 99.0453, 108.8099



89.9875, 94.9181, 105.6784



19.1157, 20.3045, 22.2963



27.2698, 39.9209, 54.1574



2.5258, 3.6974, 5.0169

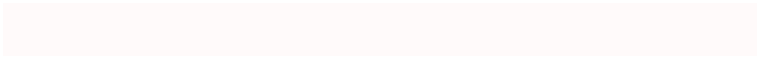


# Inverse Universe

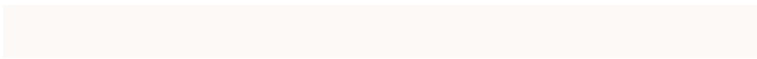
The Inverse Universe completely reimagines the original color for something new.



90.1977, 93.9350, 101.3778



92.6348, 96.4652, 104.1009



90.9416, 95.4236, 101.6227



19.0062, 19.8027, 21.3804



20.9127, 10.7808, 0.9830



1.9371, 0.9986, 0.0920



# Previews

## White Background



This preview shows how the XYZ color 90.7389, 96.4232, 105.9246 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

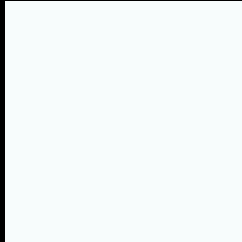
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 90.7389, 96.4232, 105.9246 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 90.7389, 96.4232, 105.9246

## Background



This preview shows how black text looks on a background with the XYZ color 90.7389, 96.4232, 105.9246.



This preview shows how white text looks on a background with the XYZ color 90.7389, 96.4232,



# 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

A vertical bar on the left side of the page is divided into three colored sections: a light blue top section, a light red middle section, and a light pink bottom section. These sections correspond to the 'Original Color', 'Protanopia', and 'Deuteranopia' labels respectively.

### Original Color

90.7389, 96.4232, 105.9246

### Protanopia

92.8382, 96.5962, 105.0186

### Deuteranopia

92.8382, 96.5962, 105.0186

## Tritanopia

92.3308, 96.7236, 108.4109

# Trichromacy

## Original Color

90.7389, 96.4232, 105.9246

## Protanomaly

92.0547, 96.6548, 105.0712

## Deuteranomaly

92.0547, 96.6548, 105.0712

## Tritanomaly

91.8109, 96.4741, 107.5483

# Monochromacy

## Original Color

90.7389, 96.4232, 105.9246

## Achromatopsia

91.6934, 96.4686, 105.0543

## Achromatomaly

91.3341, 96.2834, 105.0375

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 90.7389, 96.4232, 105.9246 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(247, 252, 252) looks like.

```
.text, #text, p{  
    color:rgb(247, 252, 252)  
}
```

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(247, 252, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 252, 252) }
```

## Border

The CSS property to change the border of an element to XYZ 90.7389, 96.4232, 105.9246 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(247, 252, 252) }
```



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

```
.border{ border-color:rgb(247, 252, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 252, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 252, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 252, 252);  
box-shadow:4px 4px 4px 4px rgb(247, 252,  
252) }
```

# Background

The CSS property to change the background color of an element to XYZ 90.7389, 96.4232, 105.9246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 252, 252) }
```

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

```
.background{ background-color: rgb(247,  
252, 252) }
```

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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