

# Converting Colors

XYZ(57.5363, 74.1031, 93.7037)

Have a look what the booklet for  
XYZ(57.5363, 74.1031, 93.7037)  
contains.

<b>XYZ(57.5357, 74.1004, 93.7084)</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(57.5357, 74.1004,  
93.7084)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8BF0F0
RGB	139, 240, 240
RGB Percent	55%, 94%, 94%
CMY	0.4549, 0.0588, 0.0588
CMYK	0.42, 0.00, 0.00, 0.06
HSL	180°, 77%, 74%
HSV	180°, 42%, 94%
XYZ	57.5357, 74.1004, 93.7084
YIQ	209.8010, -60.1960, -21.4120

# Conversions

## Conversions Part 2

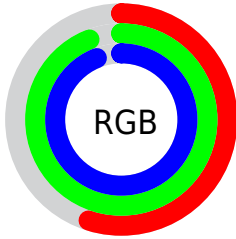
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 190, 240
Decimal	9171184
CIE Lab	88.97, -29.49, -9.26
CIE LCh	89, 30.912, 197.427
Yxy	74.1004, 0.2553, 0.3288
Android (android.graphics.Color)	4287361264 (0xFF8BF0F0)
YUV	209.8010, 14.8881, -62.0925
Hunter-Lab	86.0816, -31.3359, -4.2860

# Details

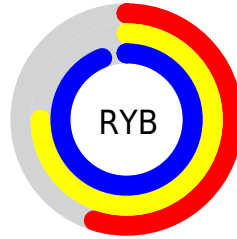
The XYZ color **57.5357, 74.1004, 93.7084** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **49.8305, 38.8568, 29.3025**, and the grayscale version is **61.0637, 64.2437, 69.9614**.

A 20% lighter version of the original color is **76.8360, 90.6103, 108.0476**, and **29.1005, 39.4471, 51.4277** is the 20% darker color. If you saturate the color by 10%, you get **53.9604, 72.2590, 93.5422**, and if you desaturate by 10%, it is **61.9950, 76.4010, 93.9192**.

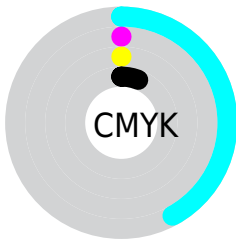
# Distribution



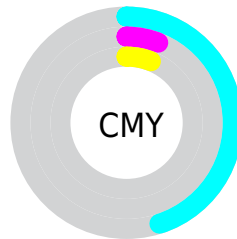
- Red (55%)
- Green (94%)
- Blue (94%)



- Red (55%)
- Yellow (75%)
- Blue (94%)



- Cyan (42%)
- Magenta (0%)
- Yellow (0%)
- Black (6%)



- Cyan (45%)
- Magenta (6%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5357, 74.1004, 93.7084 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 57.5357, 74.1004, 93.7084 by changing the saturation by 10% instead.



57.5357, 74.1004,  
93.7084

57.5357, 74.1004,  
93.7084

405.4354,  
474.8198, 560.9001

41.6773, 54.8762,  
70.4695

100.3733,  
125.0381, 154.4592

29.0387, 39.3026,  
51.4302

128.0832,  
157.5204, 192.8082

19.2545, 26.9952,  
36.1720

160.4743,  
195.1909, 237.0309

11.9594, 17.5696,  
24.2763

197.9120,  
238.4340, 287.5460

6.7881, 10.6415,  
15.3246

240.7615,  
287.6340, 344.7719

3.3751, 5.8263,  
8.8984

289.3884,

1.3551, 2.7397,

343.1754, 409.1272

4.5791

344.1579,  
405.4425, 481.0304

■ 0.2239, 0.9974,  
1.9481

■ 0.0000, 0.0000,  
0.5231

■ 57.5357, 74.1004,  
93.7084

■ 57.5357, 74.1004,  
93.7084

■ 53.9604, 72.2590,  
93.5422

■ 61.9950, 76.4010,  
93.9192

■ 51.2043, 70.8382,  
93.4128


■ 67.3847, 79.1795,  
94.1719


■ 49.2044, 69.8073,  
93.3187


■ 73.7555, 82.4638,  
94.4705


■ 47.8857, 69.1275,  
93.2566


■ 81.1530, 86.2773,  
94.8171


 47.1579, 68.7523,  
93.2221


 88.1302, 89.8741,  
95.1441

 46.8892, 68.6138,  
93.2091

 88.1302, 89.8742,  
95.1446

 88.1303, 89.8742,  
95.1450

 88.1304, 89.8742,  
95.1455

 88.1305, 89.8743,  
95.1460

# Harmonies

## Analogous

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



57.2596, 74.1004, 72.0138



57.5357, 74.1004, 93.7084



61.1087, 74.1004, 115.1174

# Triad

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



57.5357, 74.1004, 93.7084



81.6045, 74.1004, 112.0079



73.6195, 74.1004, 46.6851

# Complementary

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



57.5357, 74.1004, 93.7084



49.8305, 38.8568, 29.3025

# 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.



80.6545, 74.1004, 53.9067



57.5357, 74.1004, 93.7084



85.4798, 74.1004, 90.0209

# Square

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



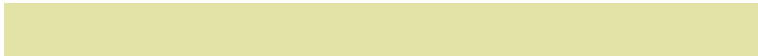
57.5357, 74.1004, 93.7084



74.8425, 74.1004, 126.9039



85.1202, 74.1004, 68.9238



66.1948, 74.1004, 47.3172

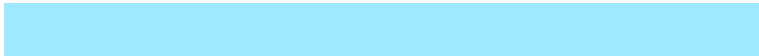


# Rectangle

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



57.5357, 74.1004, 93.7084



65.0331, 74.1004, 125.1946



85.1202, 74.1004, 68.9238



76.1179, 74.1004, 48.2123

# Sweetspot

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



57.5379, 74.1033, 93.7101



83.8881, 94.2459, 108.3769



46.7533, 69.8222, 35.4406



17.5930, 19.9856, 23.1801



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.



57.5379, 74.1033, 93.7101



62.6365, 83.2903, 107.3804



45.0487, 49.1243, 89.5489



16.2474, 17.9290, 20.3258



25.6669, 37.5588, 51.0222



2.1352, 3.1245, 4.2446



# Inverse Universe

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



49.8305, 38.8568, 29.3025



52.7578, 38.1137, 24.8271



58.5421, 56.2802, 32.2054



15.7729, 15.7589, 16.3602



19.6715, 10.1410, 0.9207

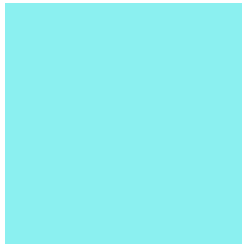


1.6365, 0.8436, 0.0766



# Previews

## White Background



This preview shows how the XYZ color 57.5357, 74.1004, 93.7084 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

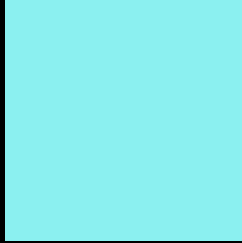
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 57.5357, 74.1004, 93.7084 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 57.5357, 74.1004, 93.7084

## Background



This preview shows how black text looks on a background with the XYZ color 57.5357, 74.1004, 93.7084.



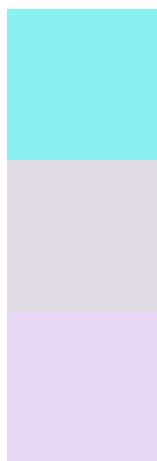
This preview shows how white text looks on a background with the XYZ color 57.5357, 74.1004,



# 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

57.5357, 74.1004, 93.7084

### Protanopia

70.7398, 73.2173, 84.5327

### Deuteranopia

74.6416, 73.0279, 96.5480



## Tritanopia

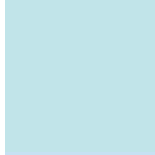
60.7286, 74.1779, 105.7248

# Trichromacy



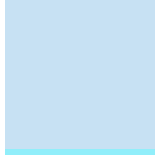
## Original Color

57.5357, 74.1004, 93.7084



## Protanomaly

64.4437, 72.7075, 87.7282



## Deuteranomaly

66.6561, 72.4636, 95.2677



## Tritanomaly

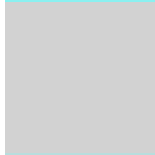
59.5069, 74.0709, 101.6033

# Monochromacy



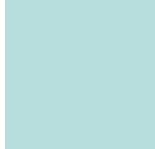
## Original Color

57.5357, 74.1004, 93.7084



## Achromatopsia

61.2578, 64.4480, 70.1838



## Achromatomaly

58.6748, 67.1237, 78.2703

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 57.5357, 74.1004, 93.7084 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(139, 240, 240)` looks like.

```
.text, #text, p{  
    color:rgb(139, 240, 240)  
}
```

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(139, 240, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 240, 240) }
```

## Border

The CSS property to change the border of an element to XYZ 57.5357, 74.1004, 93.7084 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(139, 240, 240) }
```



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

```
.border{ border-color:rgb(139, 240, 240) }
```

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

Here you see how a box with a 4 pixel rgb(139, 240, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 240, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 240, 240);  
box-shadow:4px 4px 4px 4px rgb(139, 240,  
240) }
```

# Background

The CSS property to change the background color of an element to XYZ 57.5357, 74.1004, 93.7084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 240, 240) }
```

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

```
.background{ background-color: rgb(139,  
240, 240) }
```

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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