

# Converting Colors

XYZ(75.7139, 84.4701,  
100.3322)

Have a look what the booklet for  
XYZ(75.7139, 84.4701, 100.3322)  
contains.

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# Color

**XYZ(75.7031, 84.6655,  
100.3478)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D3F3F7
RGB	211, 243, 247
RGB Percent	83%, 95%, 97%
CMY	0.1725, 0.0470, 0.0314
CMYK	0.15, 0.02, 0.00, 0.03
HSL	187°, 69%, 90%
HSV	187°, 15%, 97%
XYZ	75.7031, 84.6655, 100.3478
YIQ	233.8880, -20.3560, -5.5400

# Conversions

## Conversions Part 2

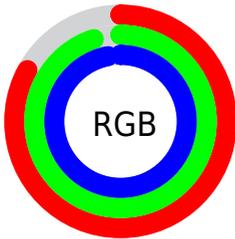
Format	Color
R <sub>Y</sub> B	211, 228, 247
Decimal	13890551
CIE Lab	93.74, -9.53, -5.43
CIE LCh	94, 10.971, 209.645
Yxy	84.6655, 0.2904, 0.3247
Android (android.graphics.Color)	4292080631 (0xFFD3F3F7)
YUV	233.8880, 6.4642, -20.0728
Hunter-Lab	92.0139, -14.1659, -0.2504

# Details

The XYZ color **75.7031, 84.6655, 100.3478** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.4167, 73.0781, 71.8129**, and the grayscale version is **78.0877, 82.1544, 89.4661**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8846, 46.3702, 56.0857** is the 20% darker color. If you saturate the color by 10%, you get **68.3495, 79.6677, 99.7720**, and if you desaturate by 10%, it is **84.1611, 90.2554, 100.9823**.

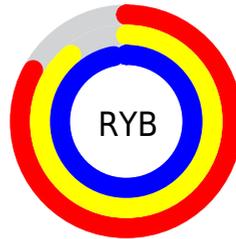
# Distribution



Red (83%)

Green (95%)

Blue (97%)



Red (83%)

Yellow (89%)

Blue (97%)

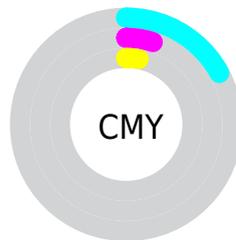


Cyan (15%)

Magenta (2%)

Yellow (0%)

Black (3%)



Cyan (17%)

Magenta (5%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 75.7031, 84.6655, 100.3478 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 75.7031, 84.6655, 100.3478 by changing the saturation by 10% instead.

75.7031, 84.6655,  
100.3478

75.7031, 84.6655,  
100.3478

469.2908,  
510.5206, 582.5634

56.4853, 63.5650,  
75.9725

126.2897,  
139.9057, 163.6911

40.8307, 46.2985,  
55.9035

158.3893,  
174.8143, 203.4962

28.3739, 32.4814,  
39.7221

195.5134,  
215.0943, 249.2817

18.7496, 21.7295,  
27.0098

238.0275,  
261.1302, 301.4661

11.5924, 13.6583,  
17.3481

286.2969,  
313.3064, 360.4679

6.5370, 7.8834,  
10.3184

340.6871,

3.2180, 4.0204,

372.0073, 426.7057

5.5022

401.5632,  
437.6172, 500.5980

■ 1.2701, 1.6850,  
2.4810

■ 0.1606, 0.4139,  
0.8301

■ 75.7031, 84.6655,  
100.3478

■ 75.7031, 84.6655,  
100.3478

■ 68.3495, 79.6677,  
99.7720

■ 84.1611, 90.2554,  
100.9823

■ 62.0436, 75.2257,  
99.2470

■ 91.7468, 95.4117,  
101.5778

■ 56.7342, 71.3156,  
98.7721

■ 92.5983, 97.1146,  
101.8616

■ 52.3635, 67.9073,  
98.3446

■ 93.4622, 98.8424,  
102.1496

■ 48.8671, 64.9677,  
97.9615

■ 93.7888, 99.4955,  
102.2584

■ 46.1728, 62.4593,  
97.6193

■ 44.1965, 60.3388,  
97.3142

■ 42.8351, 58.5530,  
97.0413

■ 42.2719, 57.6819,  
96.9028

# Harmonies

## Analogous

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



75.0017, 84.6655, 92.0871



75.7031, 84.6655, 100.3478



77.6754, 84.6655, 106.7278

# Triad

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



75.7031, 84.6655, 100.3478



85.4010, 84.6655, 100.5299



80.5067, 84.6655, 77.0626

# Complementary

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



75.7031, 84.6655, 100.3478



74.4167, 73.0781, 71.8129

# 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.



83.3349, 84.6655, 79.0296



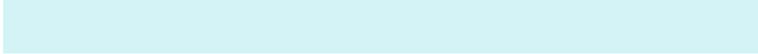
75.7031, 84.6655, 100.3478



86.2020, 84.6655, 92.2857

# Square

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



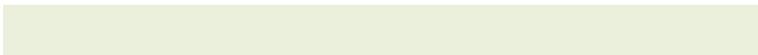
75.7031, 84.6655, 100.3478



83.2735, 84.6655, 106.8373



85.4371, 84.6655, 84.4798



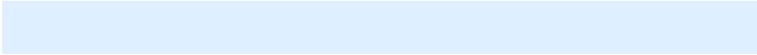
77.7341, 84.6655, 78.9400

# Rectangle

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



75.7031, 84.6655, 100.3478



79.4698, 84.6655, 108.8779



85.4371, 84.6655, 84.4798



81.4826, 84.6655, 77.2943

# Sweetspot

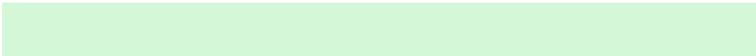
The Sweet Spot groups the original color and five complimentary colors.



75.7056, 84.6690, 100.3497



91.0363, 97.3962, 108.6090



72.3406, 85.2577, 76.6660



19.3287, 20.7445, 23.2353



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.



75.7056, 84.6690, 100.3497



79.3445, 89.6528, 107.7306



70.6875, 74.6329, 98.6770



16.8304, 18.4251, 21.2119



22.4215, 30.6368, 51.2698



2.0146, 2.7805, 4.5208



# Inverse Universe

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



77.8317, 72.8356, 94.7546



81.9808, 75.0861, 100.7688



79.1429, 82.5305, 73.3883



17.1297, 16.7347, 20.4297



27.1219, 13.1922, 36.9457



2.4059, 1.1683, 3.3639



# Previews

## White Background



This preview shows how the XYZ color 75.7031, 84.6655, 100.3478 looks on a white background.

## Color Contrast Check

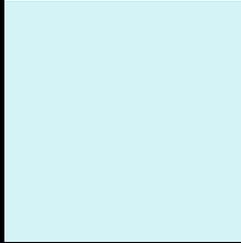
Large Text (above 18pt) WCAG AA × Fail

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 75.7031, 84.6655, 100.3478 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

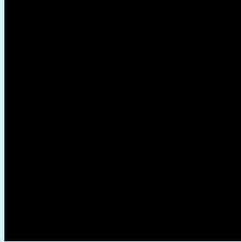
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

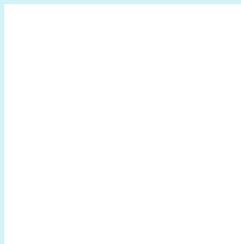
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 75.7031, 84.6655, 100.3478**

## **Background**



This preview shows how black text looks on a background with the XYZ color 75.7031, 84.6655, 100.3478.



This preview shows how white text looks on a background with the XYZ color 75.7031, 84.6655,

100.3478.

# 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

75.7031, 84.6655, 100.3478

### Protanopia

81.3319, 84.1782, 95.9658

### Deuteranopia

86.4252, 84.5666, 102.2104



## Tritanopia

78.4235, 84.6002, 106.8039

# Trichromacy



## Original Color

75.7031, 84.6655, 100.3478

## Protanomaly

79.2168, 84.3387, 97.6918

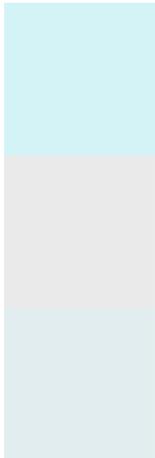
## Deuteranomaly

82.0671, 84.4334, 101.5944

## Tritanomaly

77.3449, 84.5378, 104.3364

# Monochromacy



## Original Color

75.7031, 84.6655, 100.3478

## Achromatopsia

78.2058, 82.2786, 89.6014

## Achromatomaly

77.2282, 82.9691, 93.6056

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 75.7031, 84.6655, 100.3478 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(211, 243, 247)` looks like.

```
.text, #text, p{  
    color:rgb(211, 243, 247)  
}
```

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(211, 243, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 243, 247) }
```

## Border

The CSS property to change the border of an element to XYZ 75.7031, 84.6655, 100.3478 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(211, 243, 247) }
```

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

```
.border{ border-color:rgb(211, 243, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 243, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 243, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 243, 247);  
box-shadow:4px 4px 4px 4px rgb(211, 243,  
247) }
```

# Background

The CSS property to change the background color of an element to XYZ 75.7031, 84.6655, 100.3478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 243, 247) }
```

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

```
.background{ background-color: rgb(211,  
243, 247) }
```

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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