

# Converting Colors

XYZ(43.2674, 53.9511, 75.1510)

Have a look what the booklet for  
XYZ(43.2674, 53.9511, 75.1510)  
contains.

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# Color

**XYZ(43.2674, 53.9511,  
75.1510)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7BCFDB
RGB	123, 207, 219
RGB Percent	48%, 81%, 86%
CMY	0.5176, 0.1882, 0.1412
CMYK	0.44, 0.05, 0.00, 0.14
HSL	187°, 57%, 67%
HSV	187°, 44%, 86%
XYZ	43.2674, 53.9511, 75.1510
YIQ	183.2520, -53.9160, -14.0760

# Conversions

## Conversions Part 2

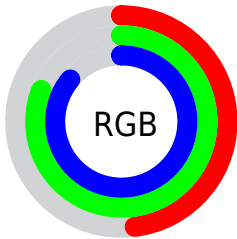
Format	Color
R <sub>Y</sub> B	123, 168, 219
Decimal	8114139
CIE Lab	78.43, -22.41, -13.93
CIE LCh	78, 26.387, 211.871
Yxy	53.9511, 0.2510, 0.3130
Android (android.graphics.Color)	4286304219 (0xFF7BCFDB)
YUV	183.2520, 17.6238, -52.8410
Hunter-Lab	73.4514, -23.3925, -9.2459

# Details

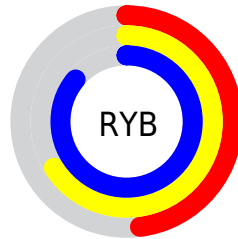
The XYZ color **43.2674, 53.9511, 75.1510** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **41.4535, 33.8190, 23.0832**, and the grayscale version is **45.0769, 47.4244, 51.6452**.

A 20% lighter version of the original color is **72.6324, 88.4433, 107.8509**, and **20.1090, 26.2606, 39.1309** is the 20% darker color. If you saturate the color by 10%, you get **39.8211, 51.1998, 74.8025**, and if you desaturate by 10%, it is **47.4292, 57.0908, 75.5386**.

# Distribution



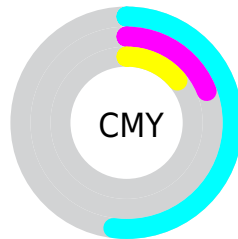
- Red (48%)
- Green (81%)
- Blue (86%)



- Red (48%)
- Yellow (66%)
- Blue (86%)



- Cyan (44%)
- Magenta (5%)
- Yellow (0%)
- Black (14%)



- Cyan (52%)
- Magenta (19%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 43.2674, 53.9511, 75.1510 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 43.2674, 53.9511, 75.1510 by changing the saturation by 10% instead.



43.2674, 53.9511,  
75.1510

43.2674, 53.9511,  
75.1510

350.6132,  
401.9235, 497.7057

30.2904, 38.5626,  
55.2341

79.3674, 96.0024,  
128.2751

20.2083, 26.4196,  
39.1893

103.2212,  
123.4340, 162.3195

12.6557, 17.1378,  
26.5981

131.4312,  
155.6488, 201.9101

7.2672, 10.3328,  
17.0418

164.3629,  
193.0311, 247.4655

3.6776, 5.6202,  
10.1021

202.3816,  
235.9653, 299.4042

1.5214, 2.6155,  
5.3602

245.8526,

0.3403, 0.9345,

284.8358, 358.1448

2.3977

295.1414,  
340.0271, 424.1058

■ 0.0000, 0.0000,  
0.7852

■ 0.0000, 0.0000,  
0.0000

■ 43.2674, 53.9511,  
75.1510

■ 43.2674, 53.9511,  
75.1510

■ 39.8211, 51.1998,  
74.8025

■ 47.4292, 57.0908,  
75.5386

■ 37.0381, 48.8061,  
74.4872

■ 52.3445, 60.6350,  
75.9636

■ 34.8667, 46.7447,  
74.2037

■ 58.0546, 64.6060,  
76.4292

■ 33.2457, 44.9837,  
73.9493

■ 64.5962, 69.0230,  
76.9370

■ 32.1002, 43.4847,  
73.7203

■ 72.0037, 73.9038,  
77.4886

■ 31.5549, 42.6517,  
73.5883

■ 80.3095, 79.2653,  
78.0857

■ 81.2671, 80.8561,  
78.3423

■ 82.0181, 82.3580,  
78.5926

■ 82.7810, 83.8839,  
78.8470

# Harmonies

## Analogous

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



41.9434, 53.9511, 59.6808



43.2674, 53.9511, 75.1510



46.7194, 53.9511, 87.7023

# Triad

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



43.2674, 53.9511, 75.1510



60.5860, 53.9511, 73.2641



50.9541, 53.9511, 34.5720

# Complementary

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



43.2674, 53.9511, 75.1510



41.4535, 33.8190, 23.0832

# 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.



56.1258, 53.9511, 36.9845



43.2674, 53.9511, 75.1510



61.9060, 53.9511, 57.8162

# Square

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



43.2674, 53.9511, 75.1510



56.7268, 53.9511, 86.4902



60.2229, 53.9511, 44.9170



46.1915, 53.9511, 37.6736



# Rectangle

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



43.2674, 53.9511, 75.1510



49.8816, 53.9511, 91.7962



60.2229, 53.9511, 44.9170



52.7021, 53.9511, 34.7633

# Sweetspot

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



43.2690, 53.9532, 75.1523



82.5808, 91.6309, 107.9418



37.8182, 56.6019, 31.5609



17.2662, 19.3321, 23.0714



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

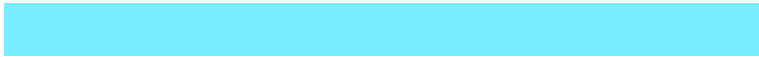


# Same Dimension

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



43.2690, 53.9532, 75.1523



56.3812, 72.4148, 105.6136



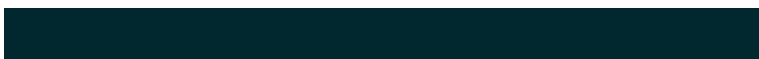
33.4921, 34.3992, 71.8933



13.2988, 14.5373, 16.7572



18.7658, 25.4010, 43.6522



1.2555, 1.7251, 2.8413



# Inverse Universe

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



47.5602, 33.7324, 63.0381



63.3871, 40.8363, 85.5141



49.5587, 50.0293, 25.7849



13.5407, 13.2454, 16.1084



22.9674, 11.1880, 30.5382

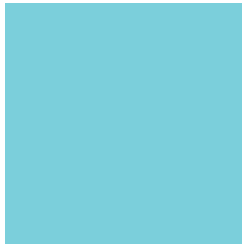


1.5080, 0.7328, 2.0841



# Previews

## White Background



This preview shows how the XYZ color 43.2674, 53.9511, 75.1510 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

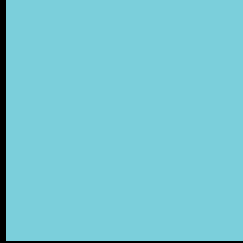
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 43.2674, 53.9511, 75.1510 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

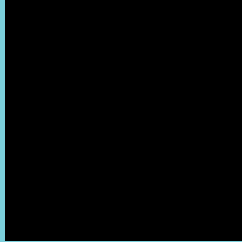
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 43.2674, 53.9511, 75.1510

## Background



This preview shows how black text looks on a background with the XYZ color 43.2674, 53.9511, 75.1510.



This preview shows how white text looks on a background with the XYZ color 43.2674, 53.9511,



# 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

43.2674, 53.9511, 75.1510

### Protanopia

52.0965, 53.5092, 67.9041

### Deuteranopia

54.5912, 53.2999, 77.2227



## Tritanopia

43.7028, 53.7554, 77.8845

# Trichromacy



## Original Color

43.2674, 53.9511, 75.1510

## Protanomaly

47.9128, 52.9521, 70.6463

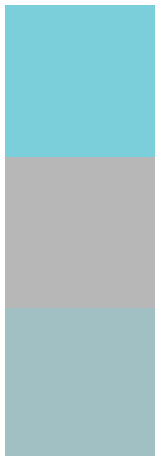
## Deuteranomaly

49.4945, 52.9621, 76.7213

## Tritanomaly

43.5683, 53.7016, 77.1764

# Monochromacy



## Original Color

43.2674, 53.9511, 75.1510

## Achromatopsia

45.0092, 47.3531, 51.5676

## Achromatomaly

43.5114, 49.2619, 59.4397

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 43.2674, 53.9511, 75.1510 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(123, 207, 219)` looks like.

```
.text, #text, p{  
    color:rgb(123, 207, 219)  
}
```

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(123, 207, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 207, 219) }
```

## Border

The CSS property to change the border of an element to XYZ 43.2674, 53.9511, 75.1510 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(123, 207, 219) }
```



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

```
.border{ border-color:rgb(123, 207, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 207, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 207, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 207, 219);  
box-shadow:4px 4px 4px 4px rgb(123, 207,  
219) }
```

# Background

The CSS property to change the background color of an element to XYZ 43.2674, 53.9511, 75.1510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 207, 219) }
```

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

```
.background{ background-color: rgb(123,  
207, 219) }
```

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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