

# Converting Colors

XYZ(43.4274, 59.4841, 67.5852)

Have a look what the booklet for  
XYZ(43.4274, 59.4841, 67.5852)  
contains.

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# Color

**XYZ(43.4274, 59.4841,  
67.5852)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6EDDCE
RGB	110, 221, 206
RGB Percent	43%, 87%, 81%
CMY	0.5686, 0.1333, 0.1922
CMYK	0.50, 0.00, 0.07, 0.13
HSL	172°, 62%, 65%
HSV	172°, 50%, 87%
XYZ	43.4274, 59.4841, 67.5852
YIQ	186.1010, -61.3410, -28.1970

# Conversions

## Conversions Part 2

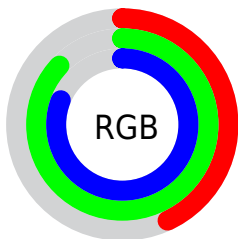
<b>Format</b>	<b>Color</b>
<b>RYB</b>	110, 170, 221
Decimal	7265742
CIELab	81.56, -35.40, -2.40
CIELCh	82, 35.481, 183.885
Yxy	59.4841, 0.2547, 0.3489
Android (android.graphics.Color)	4285455822 (0xFF6EDDCE)
YUV	186.1010, 9.8102, -66.7406
Hunter-Lab	77.1259, -34.4622, 2.0325

# Details

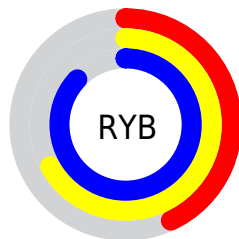
The XYZ color **43.4274, 59.4841, 67.5852** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **39.0984, 28.0063, 22.7492**, and the grayscale version is **46.7016, 49.1337, 53.5066**.

A 20% lighter version of the original color is **70.1722, 87.1750, 107.7357**, and **20.2493, 29.7581, 34.3824** is the 20% darker color. If you saturate the color by 10%, you get **40.6541, 58.0974, 65.5802**, and if you desaturate by 10%, it is **46.8967, 61.2317, 69.6613**.

# Distribution



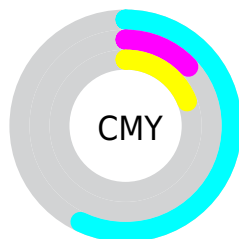
- Red (43%)
- Green (87%)
- Blue (81%)



- Red (43%)
- Yellow (67%)
- Blue (87%)



- Cyan (50%)
- Magenta (0%)
- Yellow (7%)
- Black (13%)



- Cyan (57%)
- Magenta (13%)
- Yellow (19%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4274, 59.4841, 67.5852 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 43.4274, 59.4841, 67.5852 by changing the saturation by 10% instead.





 43.4274, 59.4841,  
67.5852


 43.4274, 59.4841,  
67.5852


351.2583,  
422.6936, 470.5830


 30.4166, 43.0029,  
49.0958


 79.6071, 104.0809,  
117.4071

 20.3046, 29.8874,  
34.3293


 103.5067,  
132.9654, 149.5767

 12.7262, 19.7532,  
22.8673


 131.7667,  
166.7531, 187.1435

 7.3160, 12.2157,  
14.2912

164.7522,  
205.8283, 230.5259

 3.7086, 6.8908,  
8.1824

202.8288,  
250.5756, 280.1425

 1.5386, 3.3939,  
4.1224

246.3618,

 0.3519, 1.3407,

301.3794, 336.4119

1.6928

295.7165,  
358.6239, 399.7525

■ 0.0000, 0.1724,  
0.3558

■ 0.0000, 0.0000,  
0.0000

■ 43.4274, 59.4841,  
67.5852

■ 43.4274, 59.4841,  
67.5852

■ 40.6541, 58.0974,  
65.5802

■ 46.8967, 61.2317,  
69.6613

■ 38.5195, 57.0377,  
63.6397


■ 51.1035, 63.3572,  
71.8069


■ 36.9661, 56.2769,  
61.7619


■ 56.0920, 65.8850,  
74.0254


■ 35.9232, 55.7784,  
59.9435


■ 61.9015, 68.8351,  
76.3190


 35.2762, 55.4824,  
58.2175

 68.5687, 72.2267,  
78.6894

 76.1280, 76.0772,  
81.1386

 80.9502, 78.5160,  
83.4968

 81.3659, 78.6823,  
85.6861

 81.7889, 78.8514,  
87.9133

# Harmonies

## Analogous

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



44.6362, 59.4841, 48.3499



43.4274, 59.4841, 67.5852



45.4697, 59.4841, 90.4128

# Triad

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



43.4274, 59.4841, 67.5852



64.8983, 59.4841, 105.1005



63.0743, 59.4841, 34.4956

# Complementary

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



43.4274, 59.4841, 67.5852



39.0984, 28.0063, 22.7492

# 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.



69.2704, 59.4841, 44.4985



43.4274, 59.4841, 67.5852



70.3867, 59.4841, 84.5366

# Square

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



43.4274, 59.4841, 67.5852



57.5131, 59.4841, 114.8716



72.0524, 59.4841, 62.0303



55.5737, 59.4841, 31.8774



# Rectangle

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



43.4274, 59.4841, 67.5852



48.5151, 59.4841, 103.8423



72.0524, 59.4841, 62.0303



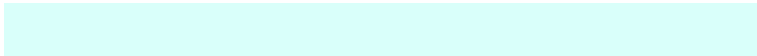
65.3997, 59.4841, 36.9788

# Sweetspot

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



43.4291, 59.4864, 67.5866



81.5297, 93.1249, 103.9809



37.3731, 57.3262, 23.8483



17.0904, 19.7496, 22.1124



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.



43.4291, 59.4864, 67.5866



56.1370, 80.3038, 90.6256



36.2420, 42.0549, 74.6164



13.3652, 14.7977, 16.3861



20.5225, 32.2416, 33.9806



1.3510, 2.0973, 2.3141



# Inverse Universe

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



39.0984, 28.0063, 22.7492



49.5464, 32.1848, 22.2345



43.3590, 37.9473, 19.7923



13.1273, 13.0800, 13.9318



17.4812, 8.9935, 1.6483

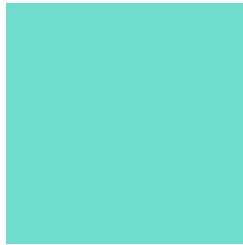


1.1562, 0.5921, 0.2315



# Previews

## White Background



This preview shows how the XYZ color 43.4274, 59.4841, 67.5852 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

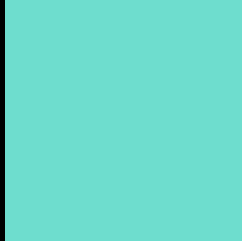
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 43.4274, 59.4841, 67.5852 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

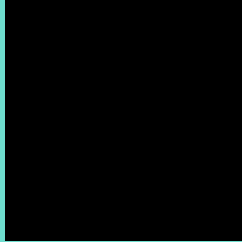
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

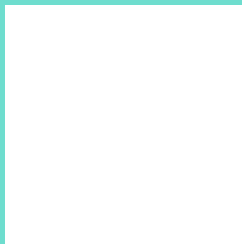
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 43.4274, 59.4841, 67.5852

## Background



This preview shows how black text looks on a background with the XYZ color 43.4274, 59.4841, 67.5852.



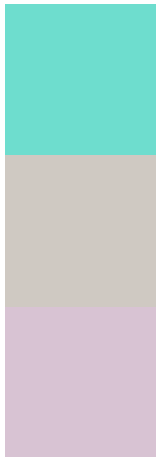
This preview shows how white text looks on a background with the XYZ color 43.4274, 59.4841,



# 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

43.4274, 59.4841, 67.5852

### Protanopia

56.3564, 58.9337, 59.4440

### Deuteranopia

59.5919, 58.3323, 69.7464



## Tritanopia

47.2719, 59.4882, 86.8328

# Trichromacy



## Original Color

43.4274, 59.4841, 67.5852



## Protanomaly

49.7622, 57.9596, 61.9907



## Deuteranomaly

51.2330, 57.1363, 68.6497



## Tritanomaly

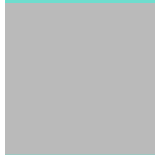
45.7284, 59.2376, 79.5449

# Monochromacy



## Original Color

43.4274, 59.4841, 67.5852



## Achromatopsia

46.6715, 49.1021, 53.4722



## Achromatomaly

44.1496, 51.9662, 58.1556

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 43.4274, 59.4841, 67.5852 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(110, 221, 206)` looks like.

```
.text, #text, p{  
    color:rgb(110, 221, 206)  
}
```

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(110, 221, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 221, 206) }
```

## Border

The CSS property to change the border of an element to XYZ 43.4274, 59.4841, 67.5852 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(110, 221, 206) }
```



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

```
.border{ border-color:rgb(110, 221, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 221, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 221, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 221, 206); box-shadow:4px 4px 4px 4px rgb(110, 221, 206) }
```

# Background

The CSS property to change the background color of an element to XYZ 43.4274, 59.4841, 67.5852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 221, 206) }
```

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

```
.background{ background-color: rgb(110,  
221, 206) }
```

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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