

Converting Colors

XYZ(35.4403, 42.1485, 63.3943)

Have a look what the booklet for
XYZ(35.4403, 42.1485, 63.3943)
contains.

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Color

**XYZ(35.4403, 42.1485,
63.3943)**

Conversions

Conversions Part 1

Format	Color
Hex	77B7CC
RGB	119, 183, 204
RGB Percent	47%, 72%, 80%
CMY	0.5333, 0.2823, 0.2000
CMYK	0.42, 0.10, 0.00, 0.20
HSL	195°, 45%, 63%
HSV	195°, 42%, 80%
XYZ	35.4403, 42.1485, 63.3943
YIQ	166.2580, -44.8850, -7.0370

Conversions

Conversions Part 2

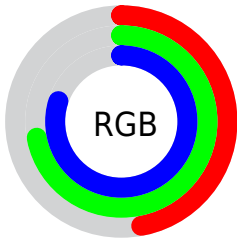
Format	Color
RYB	119, 156, 204
Decimal	7845836
CIELab	70.97, -15.01, -17.05
CIELCh	71, 22.713, 228.650
Yxy	42.1485, 0.2514, 0.2990
Android (android.graphics.Color)	4286035916 (0xFF77B7CC)
YUV	166.2580, 18.6068, -41.4453
Hunter-Lab	64.9219, -16.1717, -12.4496

Details

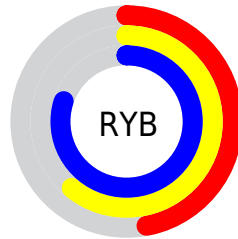
The XYZ color **35.4403, 42.1485, 63.3943** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.6105, 32.9263, 21.8271**, and the grayscale version is **36.2997, 38.1901, 41.5890**.

A 20% lighter version of the original color is **66.5957, 78.0670, 106.1662**, and **15.6020, 19.2573, 31.7489** is the 20% darker color. If you saturate the color by 10%, you get **31.9147, 38.8163, 62.9377**, and if you desaturate by 10%, it is **39.6066, 45.8682, 63.8934**.

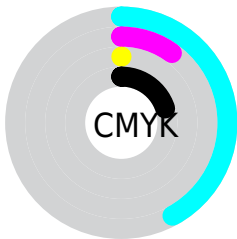
Distribution



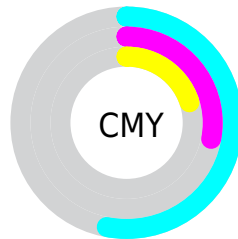
- Red (47%)
- Green (72%)
- Blue (80%)



- Red (47%)
- Yellow (61%)
- Blue (80%)



- Cyan (42%)
- Magenta (10%)
- Yellow (0%)
- Black (20%)



- Cyan (53%)
- Magenta (28%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4403, 42.1485, 63.3943 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 35.4403, 42.1485, 63.3943 by changing the saturation by 10% instead.

■ 35.4403, 42.1485,
63.3943

■ 35.4403, 42.1485,
63.3943

317.9816,
355.0982, 455.1463

■ 24.1703, 29.2176,
45.7172

■ 67.4968, 78.4243,
111.3292

■ 15.5854, 19.2455,
31.6757

■ 89.0141, 102.5380,
142.4242

■ 9.3203, 11.8478,
20.8511

■ 114.6779,
131.1481, 178.8288

■ 5.0094, 6.6401,
12.8250

144.8535,
164.6390, 220.9617

■ 2.2876, 3.2381,
7.1789

179.9064,
203.3950, 269.2413

■ 0.7883, 1.2573,
3.4941

220.2018,

■ 0.0000, 0.1077,

247.8006, 324.0863

1.3521

266.1051,
298.2402, 385.9151

■ 0.0000, 0.0000,
0.1039

■ 0.0000, 0.0000,
0.0000

■ 35.4403, 42.1485,
63.3943

■ 35.4403, 42.1485,
63.3943

■ 31.9147, 38.8163,
62.9377

■ 39.6066, 45.8682,
63.8934

■ 28.9867, 35.8458,
62.5186

■ 44.4455, 49.9895,
64.4339

■ 26.6139, 33.2158,
62.1360

■ 49.9912, 54.5316,
65.0183

■ 24.7463, 30.8996,
61.7874

■ 56.2746, 59.5108,
65.6482

■ 23.3240, 28.8659,
61.4699

■ 63.3244, 64.9427,
66.3251

■ 22.3895, 27.3403,
61.2246

■ 71.1681, 70.8418,
67.0503

■ 77.2836, 75.9085,
67.7060

■ 78.6127, 78.5667,
68.1490

■ 79.9819, 81.3051,
68.6054

Harmonies

Analogous

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



33.5503, 42.1485, 52.8893



35.4403, 42.1485, 63.3943



38.6449, 42.1485, 69.5247

Triad

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



35.4403, 42.1485, 63.3943



47.6324, 42.1485, 50.1203



37.7773, 42.1485, 28.8340

Complementary

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



35.4403, 42.1485, 63.3943



37.6105, 32.9263, 21.8271

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.



41.5111, 42.1485, 28.3329



35.4403, 42.1485, 63.3943



47.3636, 42.1485, 39.5418

Square

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



35.4403, 42.1485, 63.3943



45.7793, 42.1485, 61.0943



45.0666, 42.1485, 31.9507



34.8397, 42.1485, 33.4481

Rectangle

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



35.4403, 42.1485, 63.3943



41.1660, 42.1485, 69.7501



45.0666, 42.1485, 31.9507



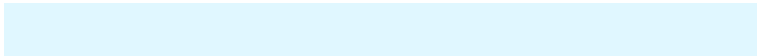
38.9758, 42.1485, 28.2093

Sweetspot

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



35.4416, 42.1501, 63.3953



82.3102, 89.9225, 107.6263



33.8497, 48.9678, 32.0312



17.3445, 19.0263, 23.0082



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.



35.4416, 42.1501, 63.3953



53.3990, 64.8145, 104.3038



28.1314, 27.5298, 60.9586



11.2994, 12.2393, 14.3372



14.1686, 17.3613, 38.5606



0.7884, 1.0105, 2.0084

Inverse Universe

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



40.0470, 29.4511, 48.3753



62.2812, 41.9230, 74.9767



44.8243, 47.3538, 24.2317



11.5645, 11.3545, 13.5072



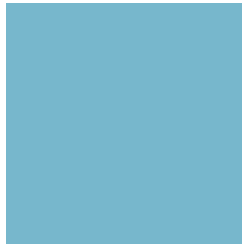
19.3626, 9.5556, 20.1598



1.0279, 0.5046, 1.1927

Previews

White Background



This preview shows how the XYZ color 35.4403, 42.1485, 63.3943 looks on a white background.

Color Contrast Check

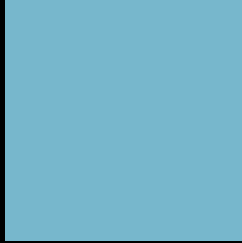
Large Text (above 18pt) WCAG AA × Fail

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 35.4403, 42.1485, 63.3943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

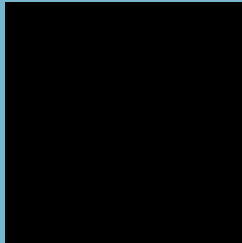
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.4403, 42.1485, 63.3943

Background



This preview shows how black text looks on a background with the XYZ color 35.4403, 42.1485, 63.3943.



This preview shows how white text looks on a background with the XYZ color 35.4403, 42.1485,

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

35.4403, 42.1485, 63.3943

Protanopia

41.1928, 41.9713, 58.7535

Deuteranopia

42.6840, 41.7652, 64.8433



Tritanopia

34.9205, 42.2561, 60.3486

Trichromacy



Original Color

35.4403, 42.1485, 63.3943

Protanomaly

38.7132, 41.8001, 60.6714

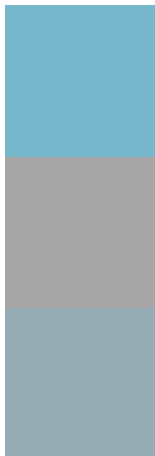
Deuteranomaly

39.4135, 41.5006, 64.3256

Tritanomaly

35.1543, 42.3496, 61.5798

Monochromacy



Original Color

35.4403, 42.1485, 63.3943

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.3852, 39.1899, 48.8794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4403, 42.1485, 63.3943 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(119, 183, 204)` looks like.

```
.text, #text, p{  
    color:rgb(119, 183, 204)  
}
```

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(119, 183, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 183, 204) }
```

Border

The CSS property to change the border of an element to XYZ 35.4403, 42.1485, 63.3943 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(119, 183, 204) }
```


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

```
.border{ border-color:rgb(119, 183, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 183, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 183, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 183, 204);  
box-shadow:4px 4px 4px 4px rgb(119, 183,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4403, 42.1485, 63.3943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 183, 204) }
```

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

```
.background{ background-color: rgb(119,  
183, 204) }
```

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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