

Converting Colors

XYZ(43.4109, 57.2394, 73.3047)

Have a look what the booklet for
XYZ(43.4109, 57.2394, 73.3047)
contains.

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Color

**XYZ(43.5037, 57.4628,
73.0885)**

Conversions

Conversions Part 1

Format	Color
Hex	70D8D7
RGB	112, 216, 215
RGB Percent	44%, 85%, 84%
CMY	0.5608, 0.1529, 0.1569
CMYK	0.48, 0.00, 0.00, 0.15
HSL	179°, 57%, 64%
HSV	179°, 48%, 85%
XYZ	43.5037, 57.4628, 73.0885
YIQ	184.7900, -61.6630, -22.3590

Conversions

Conversions Part 2

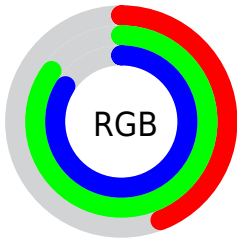
Format	Color
RYB	112, 164, 216
Decimal	7395543
CIELab	80.44, -30.36, -8.84
CIELCh	80, 31.618, 196.239
Yxy	57.4628, 0.2499, 0.3301
Android (android.graphics.Color)	4285585623 (0xFF70D8D7)
YUV	184.7900, 14.8935, -63.8368
Hunter-Lab	75.8042, -30.2170, -4.1030

Details

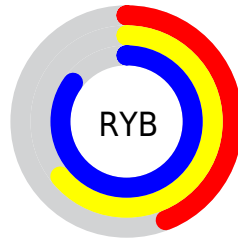
The XYZ color **43.5037, 57.4628, 73.0885** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **37.0957, 27.3812, 18.9547**, and the grayscale version is **45.9434, 48.3360, 52.6379**.

A 20% lighter version of the original color is **70.3876, 87.2860, 107.7458**, and **20.3567, 28.6808, 37.7207** is the 20% darker color. If you saturate the color by 10%, you get **41.0519, 56.2033, 72.8355**, and if you desaturate by 10%, it is **46.6182, 59.0666, 73.3753**.

Distribution



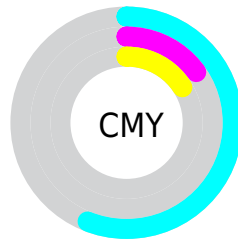
- Red (44%)
- Green (85%)
- Blue (84%)



- Red (44%)
- Yellow (64%)
- Blue (85%)



- Cyan (48%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)





- Cyan (56%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.5037, 57.4628, 73.0885 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 43.5037, 57.4628, 73.0885 by changing the saturation by 10% instead.


 43.5037, 57.4628,
73.0885


 43.5037, 57.4628,
73.0885


351.5657,
415.1812, 490.4005


 30.4768, 41.3769,
53.5561


 79.7214, 101.1402,
125.3249

 20.3506, 28.6137,
37.8561


 103.6429,
129.5004, 158.8660

 12.7599, 18.7888,
25.5701


 131.9265,
162.7210, 197.9137

 7.3393, 11.5178,
16.2794

164.9378,
201.1861, 242.8866

 3.7234, 6.4162,
9.5656

203.0420,
245.2804, 294.2031

 1.5469, 3.0998,
5.0101

246.6044,

 0.3574, 1.1841,

295.3880, 352.2819

2.1943

295.9906,
351.8935, 417.5415

■ 0.0000, 0.0486,
0.6711

■ 0.0000, 0.0000,
0.0000

■ 43.5037, 57.4628,
73.0885

■ 43.5037, 57.4628,
73.0885

■ 41.0519, 56.2033,
72.8355

■ 46.6182, 59.0666,
73.3753

■ 39.2096, 55.2567,
72.6099


■ 50.4333, 61.0303,
73.6937


■ 37.9243, 54.5971,
72.4105


■ 54.9904, 63.3765,
74.0471


■ 37.1319, 54.1917,
72.2344


■ 60.3259, 66.1239,
74.4370


 36.7395, 53.9925,
72.0772


 66.4741, 69.2903,
74.8652

 36.6845, 53.9647,
72.0489

 73.4670, 72.8922,
75.3331

 78.2509, 75.3552,
75.6977

 78.2779, 75.3660,
75.8400

 78.3049, 75.3769,
75.9824

Harmonies

Analogous

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



43.3840, 57.4628, 54.4552



43.5037, 57.4628, 73.0885



46.4423, 57.4628, 92.0476

Triad

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



43.5037, 57.4628, 73.0885



64.1211, 57.4628, 90.6430



57.6352, 57.4628, 33.9082

Complementary

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



43.5037, 57.4628, 73.0885



37.0957, 27.3812, 18.9547

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.



63.6980, 57.4628, 40.1673



43.5037, 57.4628, 73.0885



67.6380, 57.4628, 71.4473

Square

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



43.5037, 57.4628, 73.0885



58.1764, 57.4628, 103.4726



67.4772, 57.4628, 53.1074



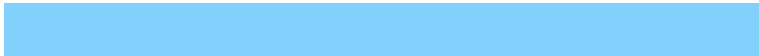
51.2052, 57.4628, 34.1745

Rectangle

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



43.5037, 57.4628, 73.0885



49.7475, 57.4628, 101.2490



67.4772, 57.4628, 53.1074



59.7937, 57.4628, 35.2558

Sweetspot

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



43.5054, 57.4650, 73.0898



83.0584, 93.8245, 108.0499



34.3871, 53.8434, 23.9110



17.4270, 19.9016, 23.1012



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.



43.5054, 57.4650, 73.0898



59.6568, 81.7805, 106.0503



32.6664, 35.5802, 70.1142



12.7868, 14.1057, 15.9578



21.7152, 31.9414, 42.6572



1.3115, 1.9272, 2.5819

Inverse Universe

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



37.0957, 27.3812, 18.9547



49.2429, 32.8902, 18.0874



44.2130, 41.7056, 21.0503



12.4281, 12.4227, 12.9286



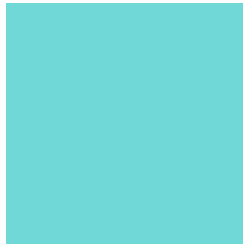
16.7709, 8.6447, 0.8319



1.0133, 0.5221, 0.0594

Previews

White Background



This preview shows how the XYZ color 43.5037, 57.4628, 73.0885 looks on a white background.

Color Contrast Check

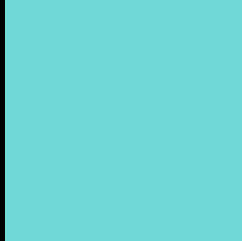
Large Text (above 18pt) WCAG AA × Fail

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 43.5037, 57.4628, 73.0885 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

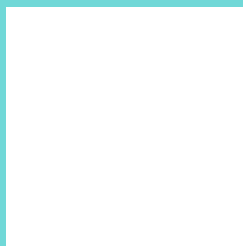
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.5037, 57.4628, 73.0885

Background



This preview shows how black text looks on a background with the XYZ color 43.5037, 57.4628, 73.0885.

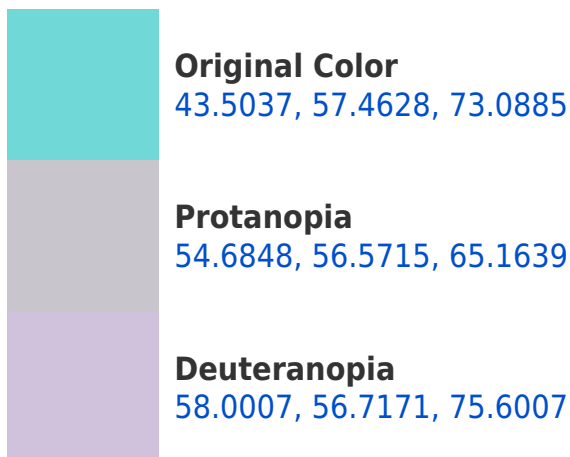


This preview shows how white text looks on a background with the XYZ color 43.5037, 57.4628,

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





Tritanopia

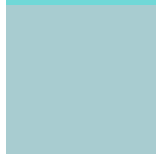
45.8065, 57.6446, 84.3136

Trichromacy



Original Color

43.5037, 57.4628, 73.0885



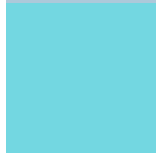
Protanomaly

49.1265, 56.0646, 67.9068



Deuteranomaly

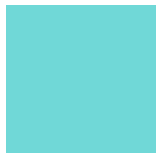
50.7751, 55.7195, 74.4085



Tritanomaly

44.9613, 57.6820, 79.9982

Monochromacy



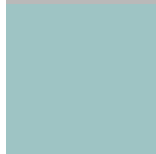
Original Color

43.5037, 57.4628, 73.0885



Achromatopsia

46.1135, 48.5150, 52.8328



Achromatomaly

43.8043, 50.7345, 59.7086

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5037, 57.4628, 73.0885 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(112, 216, 215)` looks like.

```
.text, #text, p{  
    color:rgb(112, 216, 215)  
}
```

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(112, 216, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 216, 215) }
```

Border

The CSS property to change the border of an element to XYZ 43.5037, 57.4628, 73.0885 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(112, 216, 215) }
```


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

```
.border{ border-color:rgb(112, 216, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 216, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 216, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 216, 215);  
box-shadow:4px 4px 4px 4px rgb(112, 216,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5037, 57.4628, 73.0885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 216, 215) }
```

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

```
.background{ background-color: rgb(112,  
216, 215) }
```

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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