

Converting Colors

XYZ(43.3276, 57.4554, 73.9537)

Have a look what the booklet for
XYZ(43.3276, 57.4554, 73.9537)
contains.

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Color

**XYZ(43.2572, 57.3208,
73.7499)**

Conversions

Conversions Part 1

Format	Color
Hex	6DD8D8
RGB	109, 216, 216
RGB Percent	43%, 85%, 85%
CMY	0.5725, 0.1529, 0.1529
CMYK	0.50, 0.00, 0.00, 0.15
HSL	180°, 58%, 64%
HSV	180°, 50%, 85%
XYZ	43.2572, 57.3208, 73.7499
YIQ	184.0070, -63.7720, -22.6840

Conversions

Conversions Part 2

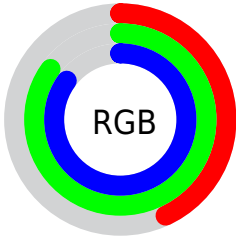
Format	Color
RYB	109, 163, 216
Decimal	7198936
CIELab	80.36, -30.74, -9.51
CIELCh	80, 32.179, 197.181
Yxy	57.3208, 0.2481, 0.3288
Android (android.graphics.Color)	4285389016 (0xFF6DD8D8)
YUV	184.0070, 15.7725, -65.7811
Hunter-Lab	75.7105, -30.5074, -4.7573

Details

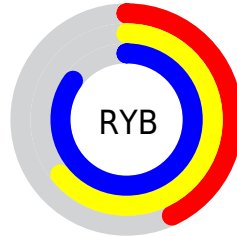
The XYZ color **43.2572, 57.3208, 73.7499** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **36.5498, 26.6420, 17.6860**, and the grayscale version is **45.5062, 47.8761, 52.1371**.

A 20% lighter version of the original color is **69.9584, 87.0648, 107.7257**, and **20.2166, 28.5984, 38.1727** is the 20% darker color. If you saturate the color by 10%, you get **40.9199, 56.1172, 73.6415**, and if you desaturate by 10%, it is **46.2507, 58.8653, 73.8915**.

Distribution



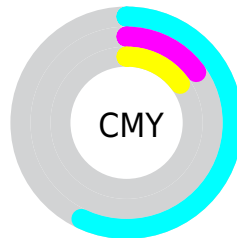
- Red (43%)
- Green (85%)
- Blue (85%)



- Red (43%)
- Yellow (64%)
- Blue (85%)



- Cyan (50%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (57%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.2572, 57.3208, 73.7499 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 43.2572, 57.3208, 73.7499 by changing the saturation by 10% instead.

43.2572, 57.3208,
73.7499

43.2572, 57.3208,
73.7499

350.5720,
414.6503, 492.7500

30.2824, 41.2629,
54.0938

79.3521, 100.9331,
126.2720

20.2021, 28.5245,
38.2830

103.2029,
129.2563, 159.9750

12.6512, 18.7214,
25.8989

131.4098,
162.4367, 199.1975

7.2641, 11.4692,
16.5229

164.3380,
200.8586, 244.3580

3.6756, 6.3833,
9.7366

202.3530,
244.9066, 295.8749

1.5203, 3.0795,
5.1213

245.8201,

0.3396, 1.1734,

294.9649, 354.1669

2.2586

295.1047,
351.4180, 419.6524

■ 0.0000, 0.0398,
0.7079

■ 0.0000, 0.0000,
0.0000

■ 43.2572, 57.3208,
73.7499

■ 43.2572, 57.3208,
73.7499

■ 40.9199, 56.1172,
73.6415

■ 46.2507, 58.8653,
73.8915

■ 39.1851, 55.2229,
73.5600


■ 49.9391, 60.7668,
74.0644


■ 37.9990, 54.6114,
73.5043


■ 54.3641, 63.0480,
74.2718


■ 37.2958, 54.2489,
73.4711


■ 59.5626, 65.7279,
74.5154


 36.9639, 54.0779,
73.4553


 65.5691, 68.8243,
74.7967

 36.9514, 54.0714,
73.4547

 72.4160, 72.3540,
75.1174

 78.1920, 75.3316,
75.3880

 78.1921, 75.3317,
75.3883

 78.1921, 75.3317,
75.3886

Harmonies

Analogous

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



43.0436, 57.3208, 54.7072



43.2572, 57.3208, 73.7499



46.3202, 57.3208, 92.9720

Triad

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



43.2572, 57.3208, 73.7499



64.3079, 57.3208, 90.4491



57.3398, 57.3208, 33.3088

Complementary

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



43.2572, 57.3208, 73.7499



36.5498, 26.6420, 17.6860

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.



63.5497, 57.3208, 39.4117



43.2572, 57.3208, 73.7499



67.7853, 57.3208, 70.8096

Square

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



43.2572, 57.3208, 73.7499



58.3085, 57.3208, 103.8668



67.4971, 57.3208, 52.3012



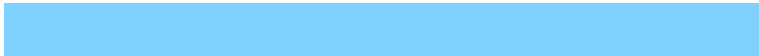
50.8261, 57.3208, 33.7811

Rectangle

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



43.2572, 57.3208, 73.7499



49.7169, 57.3208, 102.1629



67.4971, 57.3208, 52.3012



59.5417, 57.3208, 34.5978

Sweetspot

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



43.2589, 57.3230, 73.7512



82.3509, 93.4534, 108.3051



33.8463, 53.5836, 23.0281



17.2905, 19.8297, 23.1660



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.



43.2589, 57.3230, 73.7512



59.5825, 81.7159, 107.2378



32.0294, 34.8635, 70.0094



12.7922, 14.1079, 15.9863



21.8707, 32.0036, 43.4762



1.3191, 1.9303, 2.6223

Inverse Universe

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



36.5498, 26.6420, 17.6860



48.7727, 32.2825, 16.9050



43.7767, 41.0960, 20.0944



12.4233, 12.4208, 12.9034



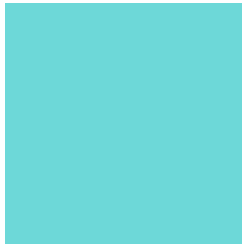
16.7619, 8.6411, 0.7845



1.0110, 0.5212, 0.0473

Previews

White Background



This preview shows how the XYZ color 43.2572, 57.3208, 73.7499 looks on a white background.

Color Contrast Check

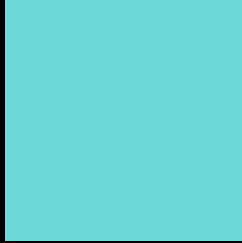
Large Text (above 18pt) WCAG AA × Fail

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 43.2572, 57.3208, 73.7499 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 43.2572, 57.3208, 73.7499

Background



This preview shows how black text looks on a background with the XYZ color 43.2572, 57.3208, 73.7499.

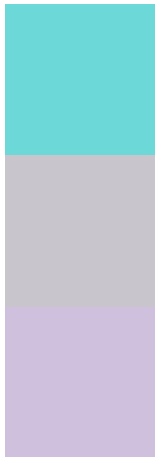


This preview shows how white text looks on a background with the XYZ color 43.2572, 57.3208,

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

43.2572, 57.3208, 73.7499

Protanopia

54.8051, 56.6196, 65.7978

Deuteranopia

57.8532, 56.6258, 76.2873



Tritanopia

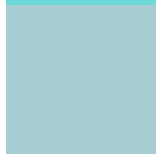
45.4098, 57.4401, 84.2950

Trichromacy



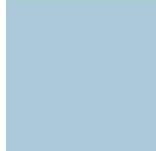
Original Color

43.2572, 57.3208, 73.7499



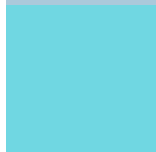
Protanomaly

49.0378, 56.0047, 68.5470



Deuteranomaly

50.4674, 55.5457, 75.0793



Tritanomaly

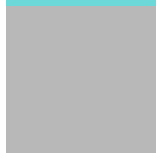
44.7100, 57.5366, 80.7007

Monochromacy



Original Color

43.2572, 57.3208, 73.7499



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

43.6084, 50.6335, 59.6994

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2572, 57.3208, 73.7499 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(109, 216, 216)` looks like.

```
.text, #text, p{  
    color:rgb(109, 216, 216)  
}
```

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(109, 216, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 216, 216) }
```

Border

The CSS property to change the border of an element to XYZ 43.2572, 57.3208, 73.7499 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(109, 216, 216) }
```


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

```
.border{ border-color:rgb(109, 216, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 216, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 216, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 216, 216);  
box-shadow:4px 4px 4px 4px rgb(109, 216,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2572, 57.3208, 73.7499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 216, 216) }
```

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

```
.background{ background-color: rgb(109,  
216, 216) }
```

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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