

Converting Colors

XYZ(49.0157, 59.9399, 72.6045)

Have a look what the booklet for
XYZ(49.0157, 59.9399, 72.6045)
contains.

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Color

**XYZ(49.0157, 59.9399,
72.6045)**

Conversions

Conversions Part 1

Format	Color
Hex	96D7D6
RGB	150, 215, 214
RGB Percent	59%, 84%, 84%
CMY	0.4118, 0.1568, 0.1608
CMYK	0.30, 0.00, 0.00, 0.16
HSL	179°, 45%, 72%
HSV	179°, 30%, 84%
XYZ	49.0157, 59.9399, 72.6045
YIQ	195.4510, -38.4190, -14.0910

Conversions

Conversions Part 2

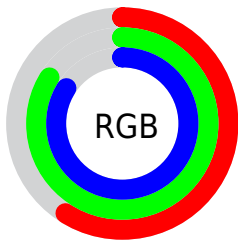
Format	Color
RYB	150, 183, 215
Decimal	9885654
CIELab	81.81, -20.61, -6.10
CIELCh	82, 21.498, 196.480
Yxy	59.9399, 0.2700, 0.3301
Android (android.graphics.Color)	4288075734 (0xFF96D7D6)
YUV	195.4510, 9.1447, -39.8605
Hunter-Lab	77.4209, -22.4769, -1.4070

Details

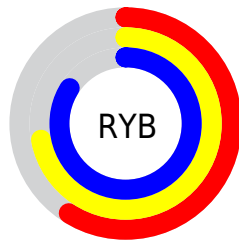
The XYZ color **49.0157, 59.9399, 72.6045** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.5187, 38.4958, 34.3645**, and the grayscale version is **52.1057, 54.8193, 59.6982**.

A 20% lighter version of the original color is **79.2636, 91.8618, 108.1612**, and **23.6527, 30.1316, 37.3702** is the 20% darker color. If you saturate the color by 10%, you get **45.3748, 58.0693, 72.2146**, and if you desaturate by 10%, it is **53.3861, 62.1895, 73.0316**.

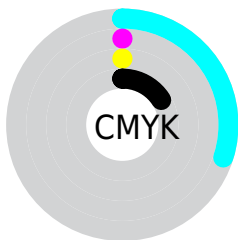
Distribution



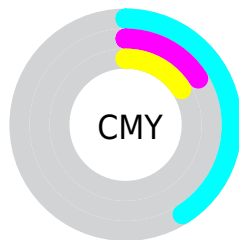
- Red (59%)
- Green (84%)
- Blue (84%)



- Red (59%)
- Yellow (72%)
- Blue (84%)



- Cyan (30%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



- Cyan (41%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.0157, 59.9399, 72.6045 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 49.0157, 59.9399, 72.6045 by changing the saturation by 10% instead.

■ 49.0157, 59.9399,
72.6045

■ 49.0157, 59.9399,
72.6045

373.3201,
424.3762, 488.6769

■ 34.8465, 43.3702,
53.1628

■ 87.9154, 104.7425,
124.6313

■ 23.7106, 30.1757,
37.5441

■ 113.3765,
133.7441, 158.0534

■ 15.2427, 19.9720,
25.3300

143.3324,
167.6586, 196.9728

■ 9.0773, 12.3747,
16.1018

178.1484,
206.8702, 241.8079

■ 4.8492, 6.9994,
9.4411

218.1898,
251.7634, 292.9774

■ 2.1929, 3.4617,
4.9293

263.8220,

■ 0.7390, 1.3773,

302.7225, 350.8997

2.1478

315.4103,
360.1320, 415.9933

■ 0.0000, 0.1999,
0.6440

■ 0.0000, 0.0000,
0.0000

■ 49.0157, 59.9399,
72.6045

■ 49.0157, 59.9399,
72.6045

■ 45.3748, 58.0693,
72.2146

■ 53.3861, 62.1895,
73.0316

■ 42.4184, 56.5501,
71.8558

■ 58.5174, 64.8299,
73.4935

■ 40.1046, 55.3622,
71.5276

■ 64.4456, 67.8811,
73.9931

■ 38.3849, 54.4805,
71.2276

■ 71.2029, 71.3597,
74.5320

■ 37.2040, 53.8766,
70.9533

■ 77.8921, 74.8031,
75.0682

■ 36.4959, 53.5164,
70.7015

■ 77.9349, 74.8203,
75.2937

■ 36.1458, 53.3406,
70.4721

■ 77.9779, 74.8374,
75.5197

■ 78.0209, 74.8546,
75.7462

■ 78.0639, 74.8719,
75.9731

Harmonies

Analogous

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



48.9103, 59.9399, 59.6014



49.0157, 59.9399, 72.6045



51.1779, 59.9399, 85.0889

Triad

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



49.0157, 59.9399, 72.6045



63.5276, 59.9399, 84.0051



59.0329, 59.9399, 43.8795

Complementary

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



49.0157, 59.9399, 72.6045



44.5187, 38.4958, 34.3645

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.



63.1857, 59.9399, 48.7863



49.0157, 59.9399, 72.6045



65.8721, 59.9399, 71.2751

Square

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



49.0157, 59.9399, 72.6045



59.4795, 59.9399, 92.2444



65.7438, 59.9399, 58.4364



54.5342, 59.9399, 44.1362

Rectangle

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



49.0157, 59.9399, 72.6045



53.5634, 59.9399, 90.9307



65.7438, 59.9399, 58.4364



60.5203, 59.9399, 44.9487

Sweetspot

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



49.0175, 59.9423, 72.6059



87.0480, 95.8814, 108.2283



42.5852, 57.3926, 37.6888



18.3747, 20.3902, 23.1430



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.



49.0175, 59.9423, 72.6059



68.7281, 86.4568, 106.4828



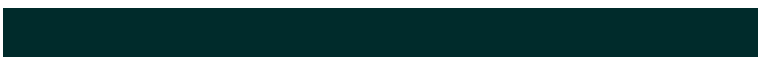
41.8992, 45.5004, 70.8667



12.7836, 14.1044, 15.9406



21.6226, 31.9044, 42.1696



1.3069, 1.9254, 2.5577

Inverse Universe

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



44.5187, 38.4958, 34.3645



61.1293, 50.2281, 41.8873



50.1402, 49.8686, 35.8384



12.4310, 12.4239, 12.9437



16.7764, 8.6469, 0.8605



1.0147, 0.5227, 0.0666

Previews

White Background



This preview shows how the XYZ color 49.0157, 59.9399, 72.6045 looks on a white background.

Color Contrast Check

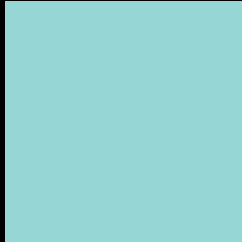
Large Text (above 18pt) WCAG AA × Fail

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 49.0157, 59.9399, 72.6045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

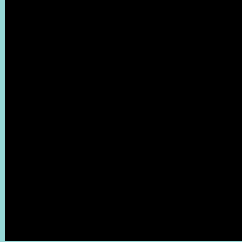
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.0157, 59.9399, 72.6045

Background



This preview shows how black text looks on a background with the XYZ color 49.0157, 59.9399, 72.6045.



This preview shows how white text looks on a background with the XYZ color 49.0157, 59.9399,

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

49.0157, 59.9399, 72.6045

Protanopia

57.4379, 59.6764, 66.8839

Deuteranopia

60.6455, 59.4415, 74.6067



Tritanopia

51.4036, 60.1717, 83.7680

Trichromacy



Original Color

49.0157, 59.9399, 72.6045

Protanomaly

53.8290, 59.5434, 68.9775

Deuteranomaly

55.6031, 59.2719, 74.1557

Tritanomaly

50.6380, 60.2473, 79.4810

Monochromacy



Original Color

49.0157, 59.9399, 72.6045

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

50.3716, 56.0890, 64.0485

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.0157, 59.9399, 72.6045 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(150, 215, 214)` looks like.

```
.text, #text, p{  
    color:rgb(150, 215, 214)  
}
```

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(150, 215, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 215, 214) }
```

Border

The CSS property to change the border of an element to XYZ 49.0157, 59.9399, 72.6045 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(150, 215, 214) }
```


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

```
.border{ border-color:rgb(150, 215, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 215, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 215, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 215, 214);  
box-shadow:4px 4px 4px 4px rgb(150, 215,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 49.0157, 59.9399, 72.6045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 215, 214) }
```

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

```
.background{ background-color: rgb(150,  
215, 214) }
```

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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