

Converting Colors

XYZ(43.8992, 49.8373, 72.2716)

Have a look what the booklet for
XYZ(43.8992, 49.8373, 72.2716)
contains.

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Color

**XYZ(43.8992, 49.8373,
72.2716)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 94C2D8 |
| RGB | 148, 194, 216 |
| RGB Percent | 58%, 76%, 85% |
| CMY | 0.4196, 0.2392, 0.1529 |
| CMYK | 0.31, 0.10, 0.00, 0.15 |
| HSL | 199°, 47%, 71% |
| HSV | 199°, 31%, 85% |
| XYZ | 43.8992, 49.8373, 72.2716 |
| YIQ | 182.7540, -34.4780, -2.9100 |

Conversions

Conversions Part 2

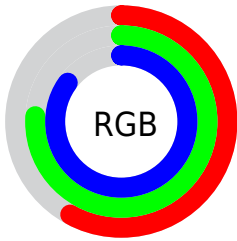
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 148, 175, 216 |
| Decimal | 9749208 |
| CIELab | 75.97, -9.93, -15.89 |
| CIELCh | 76, 18.738, 238.016 |
| Yxy | 49.8373, 0.2644, 0.3002 |
| Android (android.graphics.Color) | 4287939288 (0xFF94C2D8) |
| YUV | 182.7540, 16.3903, -30.4793 |
| Hunter-Lab | 70.5955, -12.5436, -11.2808 |

Details

The XYZ color **43.8992, 49.8373, 72.2716** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.0397, 45.4872, 34.2662**, and the grayscale version is **44.8028, 47.1361, 51.3312**.

A 20% lighter version of the original color is **77.4490, 89.0517, 107.7144**, and **20.5304, 23.7623, 37.2227** is the 20% darker color. If you saturate the color by 10%, you get **38.8323, 44.9716, 71.6003**, and if you desaturate by 10%, it is **49.7714, 55.2291, 73.0037**.

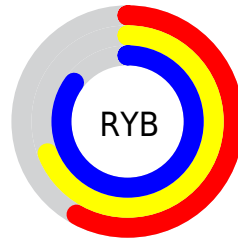
Distribution



Red (58%)

Green (76%)

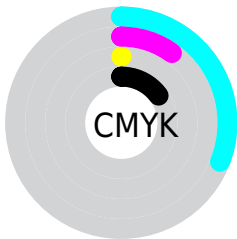
Blue (85%)



Red (58%)

Yellow (69%)

Blue (85%)

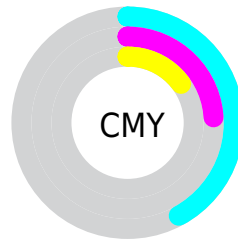


Cyan (31%)

Magenta (10%)

Yellow (0%)

Black (15%)



Cyan (42%)


Magenta (24%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.8992, 49.8373, 72.2716 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 43.8992, 49.8373, 72.2716 by changing the saturation by 10% instead.


 43.8992, 49.8373,
72.2716


 43.8992, 49.8373,
72.2716


353.1559,
386.0293, 487.4893

 30.7888, 35.2841,
52.8924

 80.3133, 89.9338,
124.1539

 20.5891, 23.8818,
37.3297


 104.3478,
116.2459, 157.4941

 12.9348, 15.2460,
25.1651


132.7544,
147.2464, 196.3250

 7.4603, 8.9922,
15.9800

165.8984,
183.3197, 241.0651

 3.8005, 4.7361,
9.3558

204.1452,
224.8503, 292.1331

 1.5899, 2.0933,
4.8740

247.8601,

 0.3858, 0.6608,

272.2225, 349.9474

2.1161

297.4086,
325.8207, 414.9267

■ 0.0000, 0.0000,
0.6253

■ 0.0000, 0.0000,
0.0000

■ 43.8992, 49.8373,
72.2716

■ 43.8992, 49.8373,
72.2716

■ 38.8323, 44.9716,
71.6003

■ 49.7714, 55.2291,
73.0037

■ 34.5243, 40.6031,
70.9842

■ 56.4827, 61.1622,
73.7952

■ 30.9313, 36.7087,
70.4219

■ 64.0705, 67.6587,
74.6492

■ 28.0024, 33.2608,
69.9107

■ 72.5684, 74.7372,
75.5676

■ 25.6793, 30.2276,
69.4477

■ 81.6382, 82.2247,
76.5348

■ 23.8926, 27.5719,
69.0293

■ 83.6102, 86.1686,
77.1921

■ 22.6928, 25.5539,
68.7030

■ 85.6609, 90.2700,
77.8757

■ 87.7911, 94.5305,
78.5857

■ 89.3948, 97.7379,
79.1203

Harmonies

Analogous

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



41.6828, 49.8373, 63.8113



43.8992, 49.8373, 72.2716



47.1367, 49.8373, 75.8503

Triad

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



43.8992, 49.8373, 72.2716



54.4041, 49.8373, 54.9332



44.2832, 49.8373, 38.9913

Complementary

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



43.8992, 49.8373, 72.2716



48.0397, 45.4872, 34.2662

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.



47.6018, 49.8373, 37.2196



43.8992, 49.8373, 72.2716



53.5498, 49.8373, 45.7205

Square

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



43.8992, 49.8373, 72.2716



53.2978, 49.8373, 65.1053



51.0167, 49.8373, 39.5281



41.8968, 49.8373, 44.6990

Rectangle

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



43.8992, 49.8373, 72.2716



49.4769, 49.8373, 74.6915



51.0167, 49.8373, 39.5281



45.3216, 49.8373, 37.9489

Sweetspot

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



43.9007, 49.8393, 72.2728



84.7820, 91.2583, 107.7539



43.9814, 58.2933, 46.7341



17.8131, 19.2444, 23.0256



0.0000, 0.0000, 0.0000



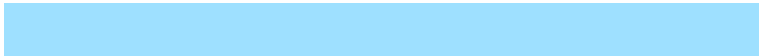
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.9007, 49.8393, 72.2728



58.7325, 67.6238, 104.5649



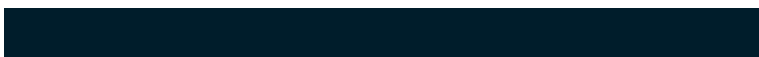
37.2605, 36.5588, 70.0593



12.4378, 13.3990, 15.8682



13.5334, 15.3285, 40.6986



0.8899, 1.0718, 2.4793

Inverse Universe

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



48.6477, 39.6751, 56.1351



66.8914, 51.1108, 76.6138



55.1473, 59.7023, 36.6354



12.7742, 12.5612, 14.7511



19.8899, 9.8923, 17.2560



1.2368, 0.6115, 1.2365

Previews

White Background



This preview shows how the XYZ color 43.8992, 49.8373, 72.2716 looks on a white background.

Color Contrast Check

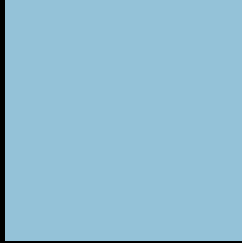
Large Text (above 18pt) WCAG AA × Fail

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 43.8992, 49.8373, 72.2716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

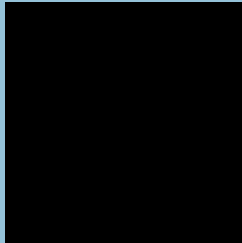
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.8992, 49.8373, 72.2716

Background



This preview shows how black text looks on a background with the XYZ color 43.8992, 49.8373, 72.2716.



This preview shows how white text looks on a background with the XYZ color 43.8992, 49.8373,

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

43.8992, 49.8373, 72.2716

Protanopia

48.5103, 49.4183, 67.9547

Deuteranopia

50.6180, 49.4650, 73.2095



Tritanopia

43.3056, 49.9364, 68.9843

Trichromacy



Original Color

43.8992, 49.8373, 72.2716

Protanomaly

46.4444, 49.2660, 69.3488

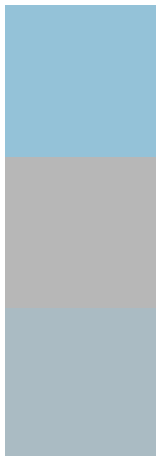
Deuteranomaly

47.7625, 49.2415, 72.6329

Tritanomaly

43.5580, 50.0374, 70.3132

Monochromacy



Original Color

43.8992, 49.8373, 72.2716

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.1982, 48.0268, 58.5704

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8992, 49.8373, 72.2716 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(148, 194, 216)` looks like.

```
.text, #text, p{  
    color:rgb(148, 194, 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(148, 194, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 194, 216) }
```

Border

The CSS property to change the border of an element to XYZ 43.8992, 49.8373, 72.2716 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(148, 194, 216) }
```


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

```
.border{ border-color:rgb(148, 194, 216) }
```

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

Here you see how a box with a 4 pixel rgb(148, 194, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 194, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 194, 216);  
box-shadow:4px 4px 4px 4px rgb(148, 194,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8992, 49.8373, 72.2716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 194, 216) }
```

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

```
.background{ background-color: rgb(148,  
194, 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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