

Converting Colors

XYZ(49.4111, 54.7014, 72.9199)

Have a look what the booklet for
XYZ(49.4111, 54.7014, 72.9199)
contains.

XYZ(49.4111, 54.7014, 72.9199)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(49.4111, 54.7014,
72.9199)**

Conversions

Conversions Part 1

Format	Color
Hex	A9C8D8
RGB	169, 200, 216
RGB Percent	66%, 78%, 85%
CMY	0.3372, 0.2157, 0.1529
CMYK	0.22, 0.07, 0.00, 0.15
HSL	200°, 38%, 75%
HSV	200°, 22%, 85%
XYZ	49.4111, 54.7014, 72.9199
YIQ	192.5550, -23.6120, -1.5960

Conversions

Conversions Part 2

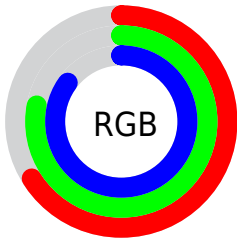
Format	Color
RYB	169, 188, 216
Decimal	11127000
CIELab	78.87, -6.88, -11.41
CIELCh	79, 13.328, 238.915
Yxy	54.7014, 0.2791, 0.3090
Android (android.graphics.Color)	4289317080 (0xFFA9C8D8)
YUV	192.5550, 11.5584, -20.6577
Hunter-Lab	73.9604, -10.1793, -6.6836

Details

The XYZ color **49.4111, 54.7014, 72.9199** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.8298, 52.1616, 44.8210**, and the grayscale version is **50.3731, 52.9964, 57.7131**.

A 20% lighter version of the original color is **84.8613, 94.7476, 108.4232**, and **23.9144, 26.8440, 37.6392** is the 20% darker color. If you saturate the color by 10%, you get **43.4928, 49.1844, 72.1678**, and if you desaturate by 10%, it is **56.1801, 60.7813, 73.7376**.

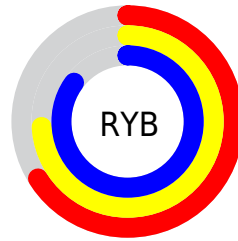
Distribution



Red (66%)

Green (78%)

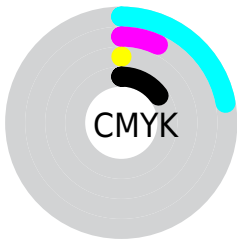
Blue (85%)



Red (66%)

Yellow (74%)

Blue (85%)

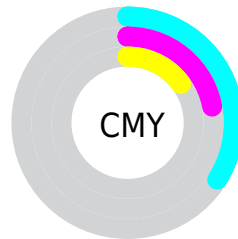


Cyan (22%)

Magenta (7%)

Yellow (0%)

Black (15%)



Cyan (34%)

Magenta (22%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.4111, 54.7014, 72.9199 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 49.4111, 54.7014, 72.9199 by changing the saturation by 10% instead.

■ 49.4111, 54.7014,
72.9199

■ 49.4111, 54.7014,
72.9199

374.8487,
404.7790, 489.8005

■ 35.1616, 39.1627,
53.4190

■ 88.4988, 97.1033,
125.0834

■ 23.9545, 26.8863,
37.7474

114.0676,
124.7353, 158.5830

■ 15.4244, 17.4879,
25.4864

144.1403,
157.1672, 197.5861

■ 9.2060, 10.5829,
16.2175

179.0822,
194.7834, 242.5110

■ 4.9340, 5.7871,
9.5222

219.2586,
237.9683, 293.7764

■ 2.2429, 2.7161,
4.9819

265.0349,

■ 0.7652, 0.9854,

287.1063, 351.8007

2.1781

316.7765,
342.5817, 417.0026

■ 0.0000, 0.0000,
0.6617

■ 0.0000, 0.0000,
0.0000

■ 49.4111, 54.7014,
72.9199

■ 49.4111, 54.7014,
72.9199

■ 43.4928, 49.1844,
72.1678

■ 56.1801, 60.7813,
73.7376

■ 38.3816, 44.2020,
71.4755

■ 63.8309, 67.4376,
74.6191

■ 34.0372, 39.7330,
70.8419

■ 72.3991, 74.6917,
75.5677

■ 30.4137, 35.7521,
70.2645

■ 81.7685, 82.4852,
76.5782

■ 27.4598, 32.2310,
69.7405

■ 83.8510, 86.6502,
77.2723

■ 25.1170, 29.1376,
69.2669

■ 86.0207, 90.9897,
77.9956

■ 23.3152, 26.4339,
68.8400

■ 88.2787, 95.5057,
78.7483

■ 22.1394, 24.4470,
68.5185

■ 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.



47.6677, 54.7014, 66.8813



49.4111, 54.7014, 72.9199



51.8958, 54.7014, 75.3359

Triad

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



49.4111, 54.7014, 72.9199



57.2424, 54.7014, 59.8367



49.5725, 54.7014, 47.7032

Complementary

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



49.4111, 54.7014, 72.9199



52.8298, 52.1616, 44.8210

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.



52.0884, 54.7014, 46.1571



49.4111, 54.7014, 72.9199



56.5703, 54.7014, 52.7945

Square

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



49.4111, 54.7014, 72.9199



56.4685, 54.7014, 67.3986



54.6613, 54.7014, 47.9414



47.7586, 54.7014, 52.3549

Rectangle

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



49.4111, 54.7014, 72.9199



53.6575, 54.7014, 74.4231



54.6613, 54.7014, 47.9414



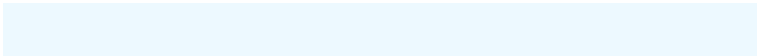
50.3614, 54.7014, 46.8214

Sweetspot

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



49.4127, 54.7036, 72.9211



86.8774, 92.9549, 107.9709



49.6409, 61.0365, 54.8806



18.4511, 19.7705, 23.0936



0.0000, 0.0000, 0.0000



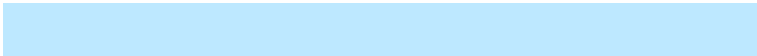
20.3446, 21.4041, 23.3091

Same Dimension

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



49.4127, 54.7036, 72.9211



67.9406, 75.9579, 105.6882



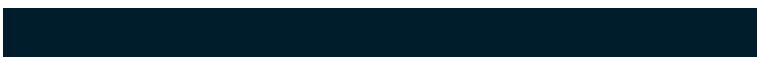
44.4472, 44.7726, 71.2660



12.4197, 13.3628, 15.8622



13.2078, 14.6773, 40.5900



0.8720, 1.0360, 2.4733

Inverse Universe

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



52.9335, 47.1463, 60.9563



74.0002, 63.3771, 84.9997



58.0778, 62.6576, 46.5704



12.7650, 12.5575, 14.7030



19.7255, 9.8265, 16.3905



1.2278, 0.6079, 1.1889

Previews

White Background



This preview shows how the XYZ color 49.4111, 54.7014, 72.9199 looks on a white background.

Color Contrast Check

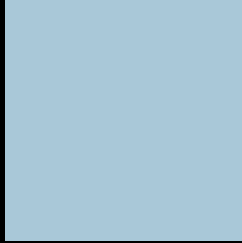
Large Text (above 18pt) WCAG AA × Fail

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 49.4111, 54.7014, 72.9199 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 49.4111, 54.7014, 72.9199

Background



This preview shows how black text looks on a background with the XYZ color 49.4111, 54.7014, 72.9199.



This preview shows how white text looks on a background with the XYZ color 49.4111, 54.7014,

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

49.4111, 54.7014, 72.9199

Protanopia

53.1678, 54.6745, 70.0383

Deuteranopia

55.6969, 54.5854, 73.9302



Tritanopia

49.4111, 54.7014, 72.9199

Trichromacy



Original Color

49.4111, 54.7014, 72.9199

Protanomaly

51.5173, 54.4743, 70.7501

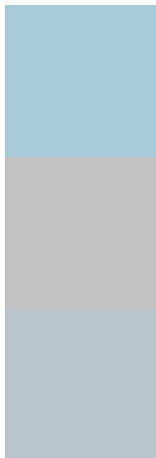
Deuteranomaly

53.3020, 54.6697, 73.3886

Tritanomaly

49.4111, 54.7014, 72.9199

Monochromacy



Original Color

49.4111, 54.7014, 72.9199

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.0497, 53.8872, 63.0217

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.4111, 54.7014, 72.9199 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(169, 200, 216)` looks like.

```
.text, #text, p{  
    color:rgb(169, 200, 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(169, 200, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 200, 216) }
```

Border

The CSS property to change the border of an element to XYZ 49.4111, 54.7014, 72.9199 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(169, 200, 216) }
```


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

```
.border{ border-color:rgb(169, 200, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 200, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 200, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 200, 216);  
box-shadow:4px 4px 4px 4px rgb(169, 200,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 49.4111, 54.7014, 72.9199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 200, 216) }
```

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

```
.background{ background-color: rgb(169,  
200, 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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