

Converting Colors

XYZ(49.5146, 55.1146, 72.3185)

Have a look what the booklet for
XYZ(49.5146, 55.1146, 72.3185)
contains.

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Color

**XYZ(49.5146, 55.1146,
72.3185)**

Conversions

Conversions Part 1

Format	Color
Hex	A9C9D7
RGB	169, 201, 215
RGB Percent	66%, 79%, 84%
CMY	0.3372, 0.2117, 0.1569
CMYK	0.21, 0.07, 0.00, 0.16
HSL	198°, 37%, 75%
HSV	198°, 21%, 84%
XYZ	49.5146, 55.1146, 72.3185
YIQ	193.0280, -23.5660, -2.4300

Conversions

Conversions Part 2

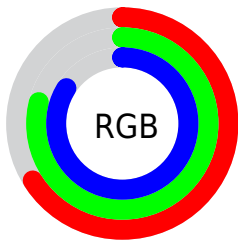
Format	Color
RYB	169, 188, 215
Decimal	11127255
CIELab	79.11, -7.63, -10.52
CIELCh	79, 12.995, 234.057
Yxy	55.1146, 0.2798, 0.3115
Android (android.graphics.Color)	4289317335 (0xFFA9C9D7)
YUV	193.0280, 10.8322, -21.0726
Hunter-Lab	74.2392, -10.8662, -5.7886

Details

The XYZ color **49.5146, 55.1146, 72.3185** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.1199, 51.1789, 44.6689**, and the grayscale version is **50.6546, 53.2926, 58.0356**.

A 20% lighter version of the original color is **84.8613, 94.7476, 108.4232**, and **23.9813, 27.1185, 37.2281** is the 20% darker color. If you saturate the color by 10%, you get **43.7835, 49.9453, 71.6237**, and if you desaturate by 10%, it is **56.0724, 60.8093, 73.0730**.

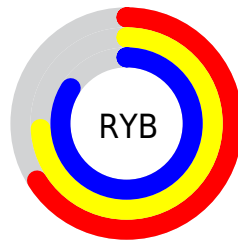
Distribution



Red (66%)

Green (79%)

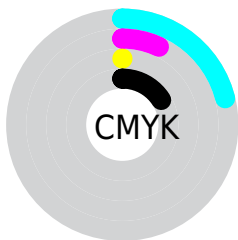
Blue (84%)



Red (66%)

Yellow (74%)

Blue (84%)

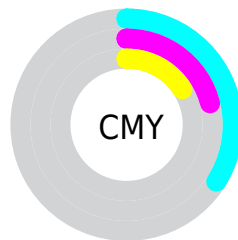


Cyan (21%)

Magenta (7%)

Yellow (0%)

Black (16%)



Cyan (34%)

Magenta (21%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.5146, 55.1146, 72.3185 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 49.5146, 55.1146, 72.3185 by changing the saturation by 10% instead.

■ 49.5146, 55.1146,
72.3185

■ 49.5146, 55.1146,
72.3185

375.2481,
406.3462, 487.6567

■ 35.2441, 39.4935,
52.9305

■ 88.6514, 97.7088,
124.2212

■ 24.0184, 27.1438,
37.3599

114.2484,
125.4508, 157.5729

■ 15.4720, 17.6813,
25.1883

144.3516,
158.0017, 196.4163

■ 9.2398, 10.7214,
15.9971

179.3264,
195.7461, 241.1698

■ 4.9563, 5.8798,
9.3678

219.5380,
239.0684, 292.2521

■ 2.2561, 2.7721,
4.8818

265.3520,

■ 0.7721, 1.0140,

288.3529, 350.0817

2.1205

317.1336,
343.9840, 415.0770

■ 0.0000, 0.0000,
0.6279

■ 0.0000, 0.0000,
0.0000

■ 49.5146, 55.1146,
72.3185

■ 49.5146, 55.1146,
72.3185

■ 43.7835, 49.9453,
71.6237

■ 56.0724, 60.8093,
73.0730

■ 38.8364, 45.2741,
70.9828

■ 63.4872, 67.0420,
73.8852

■ 34.6339, 41.0807,
70.3949

■ 71.7939, 73.8332,
74.7582

■ 31.1311, 37.3409,
69.8577

■ 81.0226, 81.1997,
75.6937

■ 28.2780, 34.0276,
69.3685

■ 82.8480, 84.8506,
76.3022

■ 26.0173, 31.1100,
68.9245

■ 84.7422, 88.6390,
76.9336

■ 24.2807, 28.5515,
68.5222

■ 86.7059, 92.5663,
77.5881

■ 23.1049, 26.5843,
68.2044

■ 88.7398, 96.6341,
78.2661

■ 89.2659, 97.6864,
78.4415

Harmonies

Analogous

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



47.9661, 55.1146, 66.0165



49.5146, 55.1146, 72.3185



51.8706, 55.1146, 75.3494

Triad

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



49.5146, 55.1146, 72.3185



57.4977, 55.1146, 61.4999



50.3801, 55.1146, 47.9022

Complementary

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



49.5146, 55.1146, 72.3185



52.1199, 51.1789, 44.6689

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.



52.9023, 55.1146, 46.9087



49.5146, 55.1146, 72.3185



57.0669, 55.1146, 54.3802

Square

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



49.5146, 55.1146, 72.3185



56.5225, 55.1146, 68.7809



55.3638, 55.1146, 49.1846



48.4541, 55.1146, 52.0191

Rectangle

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



49.5146, 55.1146, 72.3185



53.6041, 55.1146, 74.9421



55.3638, 55.1146, 49.1846



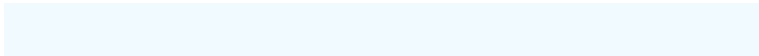
51.1840, 55.1146, 47.2068

Sweetspot

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



49.5162, 55.1168, 72.3197



88.1761, 94.2782, 108.1579



49.1902, 60.4475, 53.7668



18.7193, 20.0499, 23.1334



0.0000, 0.0000, 0.0000



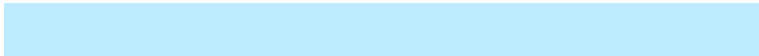
20.3446, 21.4041, 23.3091

Same Dimension

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



49.5162, 55.1168, 72.3197



68.6202, 77.3170, 105.9148



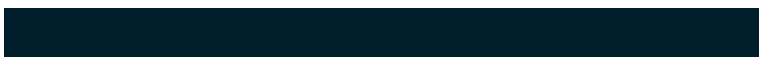
44.5893, 45.2630, 70.6774



12.4584, 13.4403, 15.8751



13.9167, 16.0951, 40.8263



0.9108, 1.1136, 2.4863

Inverse Universe

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



52.7563, 47.0414, 61.5602



74.3433, 63.5143, 86.8060



57.2100, 61.3591, 46.3656



12.7846, 12.5653, 14.8059



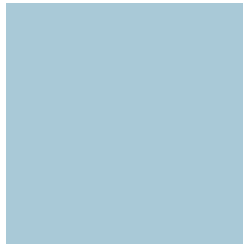
20.0833, 9.9697, 18.2748



1.2474, 0.6157, 1.2921

Previews

White Background



This preview shows how the XYZ color 49.5146, 55.1146, 72.3185 looks on a white background.

Color Contrast Check

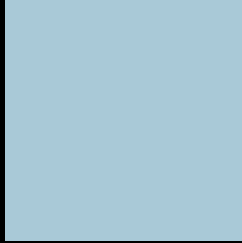
Large Text (above 18pt) WCAG AA × Fail

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 49.5146, 55.1146, 72.3185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

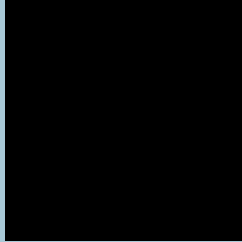
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.5146, 55.1146, 72.3185

Background



This preview shows how black text looks on a background with the XYZ color 49.5146, 55.1146, 72.3185.



This preview shows how white text looks on a background with the XYZ color 49.5146, 55.1146,

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

49.5146, 55.1146, 72.3185

Protanopia

53.2978, 54.7561, 69.3879

Deuteranopia

55.8397, 54.6740, 73.2557



Tritanopia

49.7732, 55.2181, 73.6805

Trichromacy



Original Color

49.5146, 55.1146, 72.3185

Protanomaly

51.8575, 55.0003, 70.1703

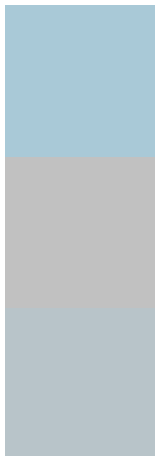
Deuteranomaly

53.1723, 54.6178, 72.7056

Tritanomaly

49.6435, 55.1662, 72.9974

Monochromacy



Original Color

49.5146, 55.1146, 72.3185

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 49.5146, 55.1146, 72.3185 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, 201, 215)` looks like.

```
.text, #text, p{  
    color:rgb(169, 201, 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(169, 201, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 201, 215) }
```

Border

The CSS property to change the border of an element to XYZ 49.5146, 55.1146, 72.3185 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, 201, 215) }
```


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

```
.border{ border-color:rgb(169, 201, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 201, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 201, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 201, 215);  
box-shadow:4px 4px 4px 4px rgb(169, 201,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 49.5146, 55.1146, 72.3185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 201, 215) }
```

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

```
.background{ background-color: rgb(169,  
201, 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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