

Converting Colors

XYZ(49.4858, 53.2702, 73.1493)

Have a look what the booklet for
XYZ(49.4858, 53.2702, 73.1493)
contains.

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Color

**XYZ(49.4979, 53.3738,
73.3390)**

Conversions

Conversions Part 1

Format	Color
Hex	ADC4D9
RGB	173, 196, 217
RGB Percent	68%, 77%, 85%
CMY	0.3216, 0.2314, 0.1490
CMYK	0.20, 0.10, 0.00, 0.15
HSL	209°, 37%, 76%
HSV	209°, 20%, 85%
XYZ	49.4979, 53.3738, 73.3390
YIQ	191.5170, -20.4490, 1.6550

Conversions

Conversions Part 2

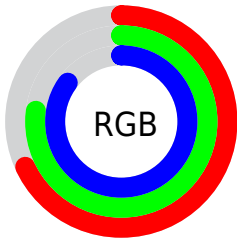
Format	Color
RYB	173, 188, 217
Decimal	11388121
CIELab	78.10, -3.31, -13.08
CIELCh	78, 13.495, 255.798
Yxy	53.3738, 0.2809, 0.3029
Android (android.graphics.Color)	4289578201 (0xFFADC4D9)
YUV	191.5170, 12.5631, -16.2394
Hunter-Lab	73.0574, -6.9129, -8.3784

Details

The XYZ color **49.4979, 53.3738, 73.3390** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.4505, 56.3527, 47.4910**, and the grayscale version is **49.7605, 52.3519, 57.0112**.

A 20% lighter version of the original color is **85.4884, 94.1286, 108.2707**, and **23.9403, 25.9477, 37.9290** is the 20% darker color. If you saturate the color by 10%, you get **42.8281, 46.5878, 72.3816**, and if you desaturate by 10%, it is **57.1115, 60.8884, 74.3891**.

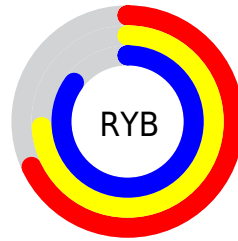
Distribution



Red (68%)

Green (77%)

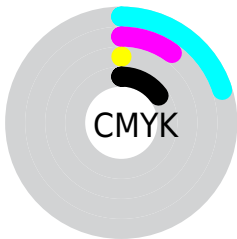
Blue (85%)



Red (68%)

Yellow (74%)

Blue (85%)

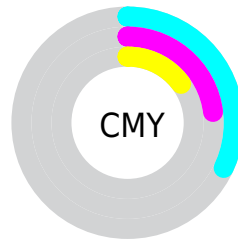


Cyan (20%)

Magenta (10%)

Yellow (0%)

Black (15%)



Cyan (32%)

Magenta (23%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.4979, 53.3738, 73.3390 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 49.4979, 53.3738, 73.3390 by changing the saturation by 10% instead.

■ 49.4979, 53.3738,
73.3390

■ 49.4979, 53.3738,
73.3390

375.1837,
399.7176, 491.2911

■ 35.2308, 38.1013,
53.7597

■ 88.6268, 95.1542,
125.6837

■ 24.0080, 26.0613,
38.0177

114.2192,
122.4308, 159.2862

■ 15.4644, 16.8695,
25.6945

144.3175,
154.4776, 198.4002

■ 9.2344, 10.1415,
16.3715

179.2870,
191.6789, 243.4442

■ 4.9527, 5.4929,
9.6302

219.4930,
234.4192, 294.8367

■ 2.2540, 2.5392,
5.0521

265.3008,

■ 0.7710, 0.8962,

283.0828, 352.9964

2.2186

317.0760,
338.0541, 418.3417

■ 0.0000, 0.0000,
0.6851

■ 0.0000, 0.0000,
0.0000

■ 49.4979, 53.3738,
73.3390

■ 49.4979, 53.3738,
73.3390

■ 42.8281, 46.5878,
72.3816

■ 57.1115, 60.8884,
74.3891

■ 37.0565, 40.4981,
71.5103

■ 65.7022, 69.1494,
75.5308

■ 32.1407, 35.0791,
70.7235

■ 75.3077, 78.1821,
76.7680

■ 28.0326, 30.3012,
70.0177

■ 84.1726, 87.0860,
78.0194

■ 24.6790, 26.1313,
69.3896

■ 87.2654, 93.2714,
79.0503

■ 22.0195, 22.5331,
68.8353

■ 89.5246, 97.7898,
79.8034

■ 19.9827, 19.4639,
68.3502

■ 18.4792, 16.9191,
67.9383

Harmonies

Analogous

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



47.2809, 53.3738, 69.1443



49.4979, 53.3738, 73.3390



52.1214, 53.3738, 73.2170

Triad

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



49.4979, 53.3738, 73.3390



55.7606, 53.3738, 54.2554



47.1858, 53.3738, 48.5788

Complementary

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



49.4979, 53.3738, 73.3390



55.4505, 56.3527, 47.4910

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.



49.3640, 53.3738, 45.2471



49.4979, 53.3738, 73.3390



54.3433, 53.3738, 48.3257

Square

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



49.4979, 53.3738, 73.3390



55.7995, 53.3738, 61.7463



51.9828, 53.3738, 45.1586



45.9776, 53.3738, 54.6289

Rectangle

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



49.4979, 53.3738, 73.3390



53.7503, 53.3738, 70.6896



51.9828, 53.3738, 45.1586



47.8254, 53.3738, 47.1277

Sweetspot

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



49.4995, 53.3760, 73.3402



87.3582, 92.6423, 107.8852



51.7328, 62.3851, 60.0806



18.5259, 19.6630, 23.0689



0.0000, 0.0000, 0.0000



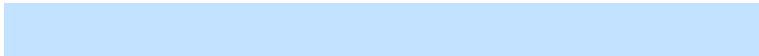
20.3446, 21.4041, 23.3091

Same Dimension

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



49.4995, 53.3760, 73.3402



67.3871, 72.9435, 105.1356



44.9855, 44.3480, 71.8356



12.8991, 13.7380, 16.6240



11.2928, 10.4549, 41.1612



0.8177, 0.8495, 2.6953

Inverse Universe

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



53.5240, 48.6257, 58.7916



74.1865, 65.2343, 80.4847



60.5955, 66.6428, 49.2061



13.3389, 13.1647, 15.0461



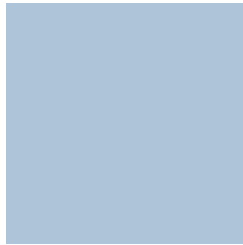
19.1954, 9.6792, 10.6749



1.2870, 0.6445, 0.9205

Previews

White Background



This preview shows how the XYZ color 49.4979, 53.3738, 73.3390 looks on a white background.

Color Contrast Check

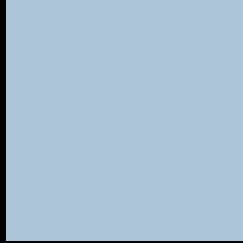
Large Text (above 18pt) WCAG AA × Fail

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 49.4979, 53.3738, 73.3390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

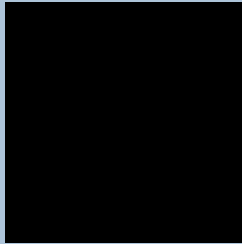
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

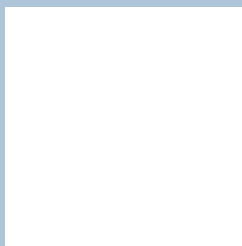
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.4979, 53.3738, 73.3390

Background



This preview shows how black text looks on a background with the XYZ color 49.4979, 53.3738, 73.3390.



This preview shows how white text looks on a background with the XYZ color 49.4979, 53.3738,

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

49.4979, 53.3738, 73.3390

Protanopia

52.0036, 53.0638, 71.1198

Deuteranopia

54.3226, 53.2230, 74.4278



Tritanopia

48.8632, 53.4566, 70.0302

Trichromacy



Original Color

49.4979, 53.3738, 73.3390

Protanomaly

51.1029, 53.2366, 71.8723

Deuteranomaly

52.5209, 53.2707, 73.8438

Tritanomaly

49.1171, 53.5582, 71.3673

Monochromacy



Original Color

49.4979, 53.3738, 73.3390

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.6202, 52.6713, 62.8096

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.4979, 53.3738, 73.3390 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(173, 196, 217)` looks like.

```
.text, #text, p{  
    color:rgb(173, 196, 217)  
}
```

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(173, 196, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 196, 217) }
```

Border

The CSS property to change the border of an element to XYZ 49.4979, 53.3738, 73.3390 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(173, 196, 217) }
```


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

```
.border{ border-color:rgb(173, 196, 217) }
```

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

Here you see how a box with a 4 pixel rgb(173, 196, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 196, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 196, 217);  
box-shadow:4px 4px 4px 4px rgb(173, 196,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 49.4979, 53.3738, 73.3390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 196, 217) }
```

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

```
.background{ background-color: rgb(173,  
196, 217) }
```

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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