

Converting Colors

XYZ(49.8869, 53.9383, 73.7280)

Have a look what the booklet for
XYZ(49.8869, 53.9383, 73.7280)
contains.

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Color

**XYZ(49.7242, 53.8265,
73.4144)**

Conversions

Conversions Part 1

Format	Color
Hex	ADC5D9
RGB	173, 197, 217
RGB Percent	68%, 77%, 85%
CMY	0.3216, 0.2274, 0.1490
CMYK	0.20, 0.09, 0.00, 0.15
HSL	207°, 37%, 76%
HSV	207°, 20%, 85%
XYZ	49.7242, 53.8265, 73.4144
YIQ	192.1040, -20.7240, 1.1320

Conversions

Conversions Part 2

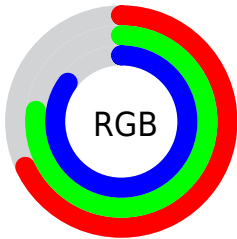
Format	Color
RYB	173, 189, 217
Decimal	11388377
CIELab	78.36, -3.84, -12.69
CIELCh	78, 13.255, 253.149
Yxy	53.8265, 0.2810, 0.3042
Android (android.graphics.Color)	4289578457 (0xFFADC5D9)
YUV	192.1040, 12.2737, -16.7542
Hunter-Lab	73.3665, -7.4130, -7.9721

Details

The XYZ color **49.7242, 53.8265, 73.4144** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.2285, 55.9088, 47.4169**, and the grayscale version is **50.1042, 52.7135, 57.4050**.

A 20% lighter version of the original color is **85.8049, 94.7616, 108.3762**, and **24.0898, 26.2466, 37.9789** is the 20% darker color. If you saturate the color by 10%, you get **43.1436, 47.2189, 72.4867**, and if you desaturate by 10%, it is **57.2339, 61.1334, 74.4298**.

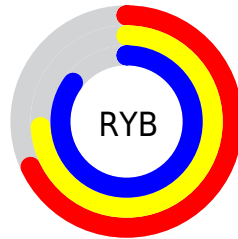
Distribution



Red (68%)

Green (77%)

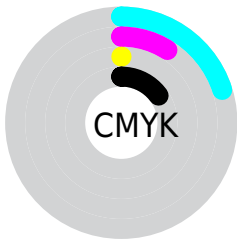
Blue (85%)



Red (68%)

Yellow (74%)

Blue (85%)

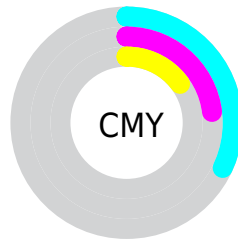


Cyan (20%)

Magenta (9%)

Yellow (0%)

Black (15%)



Cyan (32%)

Magenta (23%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.7242, 53.8265, 73.4144 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 49.7242, 53.8265, 73.4144 by changing the saturation by 10% instead.

■ 49.7242, 53.8265,
73.4144

■ 49.7242, 53.8265,
73.4144

376.0563,
401.4481, 491.5590

■ 35.4112, 38.4630,
53.8210

■ 88.9604, 95.8195,
125.7917

■ 24.1478, 26.3422,
38.0664

114.6143,
123.2177, 159.4127

■ 15.5686, 17.0798,
25.7320

144.7792,
155.3962, 198.5466

■ 9.3083, 10.2914,
16.3993

179.8204,
192.7395, 243.6119

■ 5.0016, 5.5926,
9.6497

220.1034,
235.6320, 295.0273

■ 2.2829, 2.5990,
5.0648

265.9935,

■ 0.7859, 0.9262,

284.4579, 353.2113

2.2259

317.8560,
339.6018, 418.5823

■ 0.0000, 0.0000,
0.6893

■ 0.0000, 0.0000,
0.0000

■ 49.7242, 53.8265,
73.4144

■ 49.7242, 53.8265,
73.4144

■ 43.1436, 47.2189,
72.4867

■ 57.2339, 61.1334,
74.4298

■ 37.4469, 41.2789,
71.6404

■ 65.7056, 69.1563,
75.5319

■ 32.5921, 35.9822,
70.8739

■ 75.1764, 77.9198,
76.7243

■ 28.5319, 31.2997,
70.1841

■ 83.8909, 86.5225,
77.9255

■ 25.2133, 27.1999,
69.5677

■ 86.8167, 92.3741,
78.9007

■ 22.5765, 23.6471,
69.0209

■ 89.5245, 97.7898,
79.8033

■ 20.5508, 20.6000,
68.5395

■ 19.0474, 18.0555,
68.1276

Harmonies

Analogous

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



47.5974, 53.8265, 68.9606



49.7242, 53.8265, 73.4144



52.3068, 53.8265, 73.6930

Triad

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



49.7242, 53.8265, 73.4144



56.1873, 53.8265, 55.4092



47.8154, 53.8265, 48.7658

Complementary

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



49.7242, 53.8265, 73.4144



55.2285, 55.9088, 47.4169

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.



50.0310, 53.8265, 45.7361



49.7242, 53.8265, 73.4144



54.8971, 53.8265, 49.3469

Square

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



49.7242, 53.8265, 73.4144



56.0984, 53.8265, 62.8592



52.6241, 53.8265, 45.9394



46.5212, 53.8265, 54.5527

Rectangle

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



49.7242, 53.8265, 73.4144



53.9446, 53.8265, 71.4380



52.6241, 53.8265, 45.9394



48.4738, 53.8265, 47.4140

Sweetspot

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



49.7258, 53.8287, 73.4156



87.4651, 92.8561, 107.9209



51.6508, 62.3522, 59.6491



18.5511, 19.7136, 23.0773



0.0000, 0.0000, 0.0000



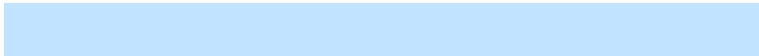
20.3446, 21.4041, 23.3091

Same Dimension

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



49.7258, 53.8287, 73.4156



67.7666, 73.7024, 105.2621



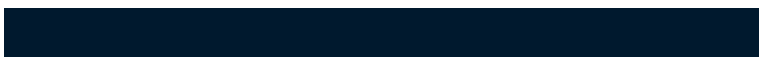
45.1280, 44.6330, 71.8830



12.9244, 13.7885, 16.6324



11.6371, 11.1436, 41.2760



0.8396, 0.8934, 2.7026

Inverse Universe

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



53.6382, 48.6713, 59.3933



74.3780, 65.3109, 81.4933



60.4085, 66.2688, 49.1436



13.3517, 13.1698, 15.1132



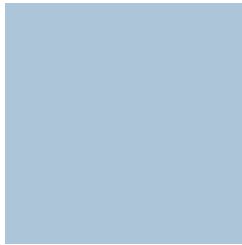
19.3692, 9.7487, 11.5902



1.2981, 0.6489, 0.9787

Previews

White Background



This preview shows how the XYZ color 49.7242, 53.8265, 73.4144 looks on a white background.

Color Contrast Check

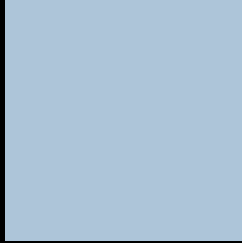
Large Text (above 18pt) WCAG AA × Fail

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 49.7242, 53.8265, 73.4144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

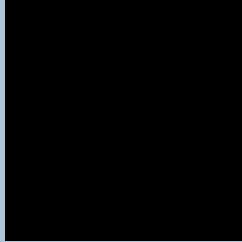
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

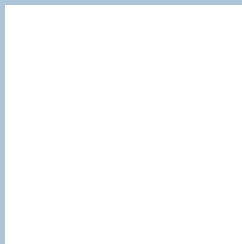
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.7242, 53.8265, 73.4144

Background



This preview shows how black text looks on a background with the XYZ color 49.7242, 53.8265, 73.4144.



This preview shows how white text looks on a background with the XYZ color 49.7242, 53.8265,

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

49.7242, 53.8265, 73.4144

Protanopia

52.4731, 53.6307, 71.2045

Deuteranopia

54.5888, 53.3603, 74.4403



Tritanopia

49.2176, 53.9629, 70.7726

Trichromacy



Original Color

49.7242, 53.8265, 73.4144

Protanomaly

51.3247, 53.6802, 71.9462

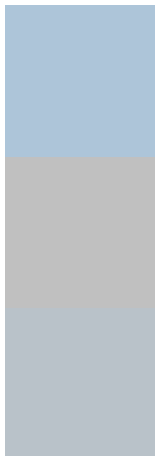
Deuteranomaly

52.5209, 53.2707, 73.8438

Tritanomaly

49.3449, 54.0139, 71.4433

Monochromacy



Original Color

49.7242, 53.8265, 73.4144

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.8420, 53.1149, 62.8836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.7242, 53.8265, 73.4144 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, 197, 217)` looks like.

```
.text, #text, p{  
    color:rgb(173, 197, 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, 197, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 197, 217) }
```

Border

The CSS property to change the border of an element to XYZ 49.7242, 53.8265, 73.4144 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, 197, 217) }
```


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

```
.border{ border-color:rgb(173, 197, 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, 197, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 197, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 197, 217); box-shadow:4px 4px 4px 4px rgb(173, 197, 217) }
```

Background

The CSS property to change the background color of an element to XYZ 49.7242, 53.8265, 73.4144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 197, 217) }
```

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

```
.background{ background-color: rgb(173,  
197, 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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