

Converting Colors

XYZ(49.7351, 57.5871, 61.9023)

Have a look what the booklet for
XYZ(49.7351, 57.5871, 61.9023)
contains.

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Color

**XYZ(49.7394, 57.5871,
61.9200)**

Conversions

Conversions Part 1

Format	Color
Hex	ADCFC6
RGB	173, 207, 198
RGB Percent	68%, 81%, 78%
CMY	0.3216, 0.1882, 0.2235
CMYK	0.16, 0.00, 0.04, 0.19
HSL	164°, 26%, 75%
HSV	164°, 16%, 81%
XYZ	49.7394, 57.5871, 61.9200
YIQ	195.8080, -17.3750, -10.0070

Conversions

Conversions Part 2

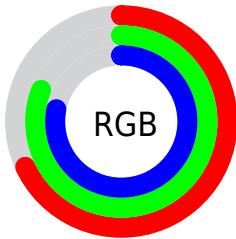
Format	Color
RYB	173, 193, 207
Decimal	11390918
CIELab	80.51, -13.06, 0.70
CIELCh	81, 13.079, 176.953
Yxy	57.5871, 0.2939, 0.3403
Android (android.graphics.Color)	4289580998 (0xFFADCFC6)
YUV	195.8080, 1.0807, -20.0026
Hunter-Lab	75.8862, -15.8034, 4.7421

Details

The XYZ color **49.7394, 57.5871, 61.9200** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.1212, 46.5313, 50.6508**, and the grayscale version is **52.3568, 55.0834, 59.9858**.

A 20% lighter version of the original color is **86.1231, 95.3980, 108.4822**, and **24.1710, 28.7892, 30.6685** is the 20% darker color. If you saturate the color by 10%, you get **44.8915, 55.1612, 58.4534**, and if you desaturate by 10%, it is **55.3227, 60.3926, 65.5429**.

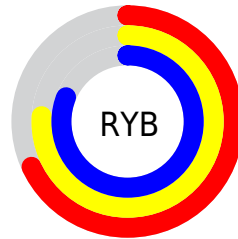
Distribution



Red (68%)

Green (81%)

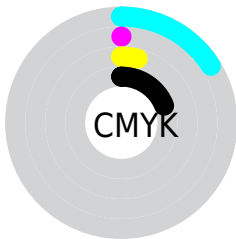
Blue (78%)



Red (68%)

Yellow (76%)

Blue (81%)

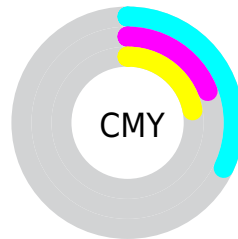


Cyan (16%)

Magenta (0%)

Yellow (4%)

Black (19%)



Cyan (32%)

Magenta (19%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.7394, 57.5871, 61.9200 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 49.7394, 57.5871, 61.9200 by changing the saturation by 10% instead.

■ 49.7394, 57.5871,
61.9200

■ 49.7394, 57.5871,
61.9200

376.1148,
415.6456, 449.6388

■ 35.4233, 41.4768,
44.5327

■ 88.9828, 101.3213,
109.1804

■ 24.1572, 28.6918,
30.7492

114.6408,
129.7141, 139.8905

■ 15.5756, 18.8478,
20.1511

144.8102,
162.9697, 175.8787

■ 9.3133, 11.5604,
12.3198

179.8562,
201.4727, 217.5634

■ 5.0048, 6.4451,
6.8367

220.1444,
245.6073, 265.3633

■ 2.2849, 3.1176,
3.2833

266.0400,

■ 0.7869, 1.1934,

295.7581, 319.6967

1.2410

317.9083,
352.3094, 380.9824

■ 0.0000, 0.0563,
0.0127

■ 0.0000, 0.0000,
0.0000

■ 49.7394, 57.5871,
61.9200

■ 49.7394, 57.5871,
61.9200

■ 44.8915, 55.1612,
58.4534

■ 55.3227, 60.3926,
65.5429

■ 40.7412, 53.0908,
55.1364

■ 61.6671, 63.5862,
69.3209

■ 37.2549, 51.3600,
51.9674

■ 68.8032, 67.1852,
73.2578

■ 34.3940, 49.9492,
48.9434

■ 76.4622, 71.0511,
77.3422

■ 32.1161, 48.8363,
46.0609

■ 77.1999, 71.3462,
81.2269

■ 30.3730, 47.9966,
43.3165

■ 77.9617, 71.6509,
85.2382

■ 29.1088, 47.4014,
40.7062

■ 78.7476, 71.9653,
89.3771

■ 28.2522, 47.0138,
38.2252

■ 79.5581, 72.2895,
93.6449

■ 27.9975, 46.9012,
37.3674

■ 80.3932, 72.6235,
98.0425

Harmonies

Analogous

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



50.5202, 57.5871, 54.9801



49.7394, 57.5871, 61.9200



50.2605, 57.5871, 69.6462

Triad

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



49.7394, 57.5871, 61.9200



57.1085, 57.5871, 76.8276



57.5988, 57.5871, 51.1071

Complementary

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



49.7394, 57.5871, 61.9200



49.1212, 46.5313, 50.6508

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.



59.4671, 57.5871, 56.2365



49.7394, 57.5871, 61.9200



59.1775, 57.5871, 71.1163

Square

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



49.7394, 57.5871, 61.9200



54.4609, 57.5871, 78.6571



60.0540, 57.5871, 63.4917



55.0097, 57.5871, 49.0660

Rectangle

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



49.7394, 57.5871, 61.9200



51.2858, 57.5871, 74.1409



60.0540, 57.5871, 63.4917



58.3351, 57.5871, 52.5057

Sweetspot

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



49.7410, 57.5895, 61.9213



89.9750, 97.4460, 105.8503



49.1646, 57.5985, 48.0623



19.1111, 20.7834, 22.5657



0.0000, 0.0000, 0.0000



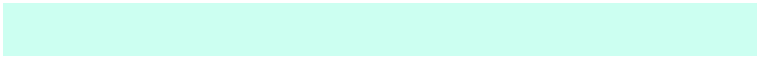
20.3446, 21.4041, 23.3091

Same Dimension

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



49.7410, 57.5895, 61.9213



76.6134, 90.7380, 97.0850



48.9366, 54.2689, 66.9300



12.0192, 13.3514, 14.4573



17.6797, 29.5648, 23.7573



1.0204, 1.6658, 1.4959

Inverse Universe

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



49.1212, 46.5313, 50.6508



75.4228, 69.4817, 75.4254



49.7871, 49.3047, 46.4286



11.9354, 11.8589, 12.9358



16.6776, 8.5439, 3.2086



0.9658, 0.4910, 0.3545

Previews

White Background



This preview shows how the XYZ color 49.7394, 57.5871, 61.9200 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 49.7394, 57.5871, 61.9200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

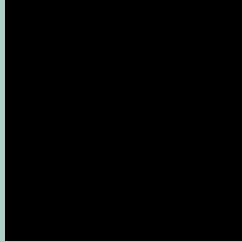
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.7394, 57.5871, 61.9200

Background



This preview shows how black text looks on a background with the XYZ color 49.7394, 57.5871, 61.9200.



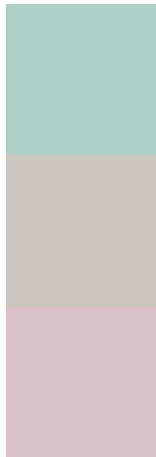
This preview shows how white text looks on a background with the XYZ color 49.7394, 57.5871,

61.9200.

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

49.7394, 57.5871, 61.9200

Protanopia

54.7216, 57.0758, 58.5847

Deuteranopia

58.5260, 57.2624, 63.2264



Tritanopia

52.6426, 57.7001, 76.0728

Trichromacy



Original Color

49.7394, 57.5871, 61.9200

Protanomaly

52.7293, 57.0509, 59.8625

Deuteranomaly

54.9765, 57.1149, 62.7703

Tritanomaly

51.6195, 57.6462, 70.6936

Monochromacy



Original Color

49.7394, 57.5871, 61.9200

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.4714, 56.0311, 60.9256

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.7394, 57.5871, 61.9200 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, 207, 198)` looks like.

```
.text, #text, p{  
    color:rgb(173, 207, 198)  
}
```

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, 207, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 207, 198) }
```

Border

The CSS property to change the border of an element to XYZ 49.7394, 57.5871, 61.9200 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, 207, 198) }
```


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

```
.border{ border-color:rgb(173, 207, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 207, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 207, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 207, 198);  
box-shadow:4px 4px 4px 4px rgb(173, 207,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 49.7394, 57.5871, 61.9200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 207, 198) }
```

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

```
.background{ background-color: rgb(173,  
207, 198) }
```

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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