

Converting Colors

XYZ(50.6530, 55.1107, 72.0324)

Have a look what the booklet for
XYZ(50.6530, 55.1107, 72.0324)
contains.

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Color

**XYZ(50.5937, 54.9833,
72.2362)**

Conversions

Conversions Part 1

Format	Color
Hex	B0C7D7
RGB	176, 199, 215
RGB Percent	69%, 78%, 84%
CMY	0.3098, 0.2196, 0.1569
CMYK	0.18, 0.07, 0.00, 0.16
HSL	205°, 33%, 77%
HSV	205°, 18%, 84%
XYZ	50.5937, 54.9833, 72.2362
YIQ	193.9470, -18.8440, 0.1000

Conversions

Conversions Part 2

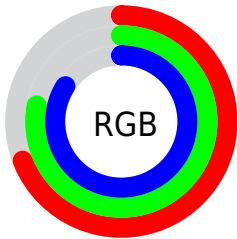
Format	Color
R _Y B	176, 190, 215
Decimal	11585495
CIE Lab	79.03, -4.40, -10.59
CIE LCh	79, 11.463, 247.426
Yxy	54.9833, 0.2845, 0.3092
Android (android.graphics.Color)	4289775575 (0xFFB0C7D7)
YUV	193.9470, 10.3791, -15.7395
Hunter-Lab	74.1507, -7.9716, -5.8537

Details

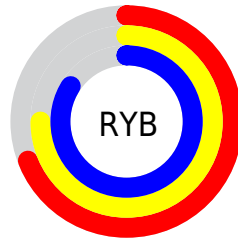
The XYZ color **50.5937, 54.9833, 72.2362** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.7109, 55.2809, 48.8622**, and the grayscale version is **51.1967, 53.8629, 58.6568**.

A 20% lighter version of the original color is **87.0887, 95.8958, 108.5274**, and **24.6389, 26.9998, 37.1706** is the 20% darker color. If you saturate the color by 10%, you get **44.1417, 48.7329, 71.3707**, and if you desaturate by 10%, it is **57.9365, 61.8703, 73.1794**.

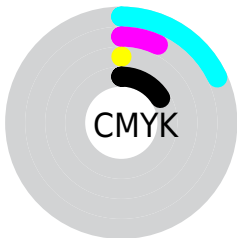
Distribution



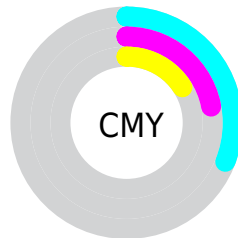
- Red (69%)
- Green (78%)
- Blue (84%)



- Red (69%)
- Yellow (75%)
- Blue (84%)



- Cyan (18%)
- Magenta (7%)
- Yellow (0%)
- Black (16%)



- Cyan (31%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.5937, 54.9833, 72.2362 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 50.5937, 54.9833, 72.2362 by changing the saturation by 10% instead.

■ 50.5937, 54.9833,
72.2362

■ 50.5937, 54.9833,
72.2362

379.3969,
405.8486, 487.3629

■ 36.1051, 39.3884,
52.8636

■ 90.2405, 97.5165,
124.1031

■ 24.6859, 27.0620,
37.3069

116.1294,
125.2235, 157.4346

■ 15.9706, 17.6198,
25.1476

146.5490,
157.7367, 196.2560

■ 9.5941, 10.6774,
15.9670

181.8649,
195.4404, 240.9861

■ 5.1909, 5.8503,
9.3467

222.4422,
238.7191, 292.0433

■ 2.3956, 2.7543,
4.8681

268.6464,

■ 0.8429, 1.0048,

287.9571, 349.8461

2.1127

320.8429,
343.5388, 414.8132

■ 0.0000, 0.0000,
0.6233

■ 0.0000, 0.0000,
0.0000

■ 50.5937, 54.9833,
72.2362

■ 50.5937, 54.9833,
72.2362

■ 44.1417, 48.7329,
71.3707

■ 57.9365, 61.8703,
73.1794

■ 38.5375, 43.0899,
70.5769

■ 66.2009, 69.4085,
74.1988

■ 33.7416, 38.0322,
69.8534

■ 75.4222, 77.6201,
75.2978

■ 29.7093, 33.5337,
69.1976

■ 83.0087, 85.1720,
76.3556

■ 26.3911, 29.5657,
68.6066

■ 85.5864, 90.3274,
77.2149

■ 23.7309, 26.0961,
68.0771

■ 88.2909, 95.7364,
78.1164

■ 21.6634, 23.0877,
67.6054

■ 89.2659, 97.6864,
78.4414

■ 20.0941, 20.4885,
67.1864

■ 19.8307, 20.0360,
67.1130

Harmonies

Analogous

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



48.8525, 54.9833, 67.8334



50.5937, 54.9833, 72.2362



52.8291, 54.9833, 73.2123

Triad

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



50.5937, 54.9833, 72.2362



56.7326, 54.9833, 58.2581



49.6386, 54.9833, 50.4327

Complementary

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



50.5937, 54.9833, 72.2362



54.7109, 55.2809, 48.8622

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.



51.6950, 54.9833, 48.2516



50.5937, 54.9833, 72.2362



55.8224, 54.9833, 52.5509

Square

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



50.5937, 54.9833, 72.2362



56.4170, 54.9833, 64.8219



53.9624, 54.9833, 48.9979



48.3123, 54.9833, 55.1721

Rectangle

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



50.5937, 54.9833, 72.2362



54.3071, 54.9833, 71.7279



53.9624, 54.9833, 48.9979



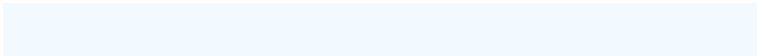
50.2650, 54.9833, 49.3923

Sweetspot

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



50.5953, 54.9856, 72.2374



88.8680, 94.3699, 108.1391



51.6761, 61.6200, 58.8085



18.8415, 20.0339, 23.1238



0.0000, 0.0000, 0.0000



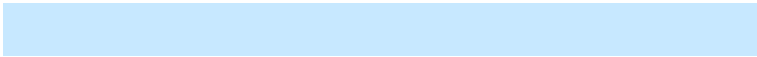
20.3446, 21.4041, 23.3091

Same Dimension

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



50.5953, 54.9856, 72.2374



70.4300, 77.0551, 105.7688



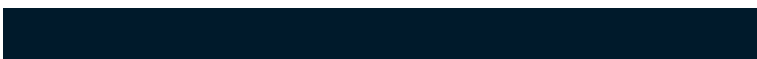
46.4725, 46.7398, 70.8631



12.3453, 13.2139, 15.8374



11.9677, 12.1971, 40.1767



0.8024, 0.8968, 2.4501

Inverse Universe

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



53.8598, 49.6226, 60.7748



76.2043, 67.8864, 85.4222



59.1809, 64.2209, 50.3522



12.7275, 12.5425, 14.5051



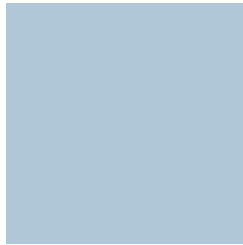
19.0996, 9.5762, 13.0944



1.1927, 0.5939, 1.0039

Previews

White Background



This preview shows how the XYZ color 50.5937, 54.9833, 72.2362 looks on a white background.

Color Contrast Check

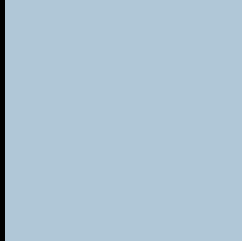
Large Text (above 18pt) WCAG AA × Fail

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 50.5937, 54.9833, 72.2362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

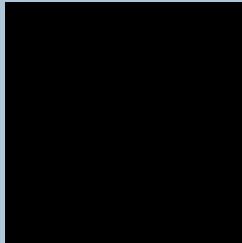
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

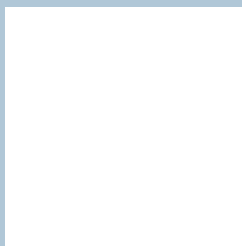
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.5937, 54.9833, 72.2362

Background



This preview shows how black text looks on a background with the XYZ color 50.5937, 54.9833, 72.2362.



This preview shows how white text looks on a background with the XYZ color 50.5937, 54.9833,

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

50.5937, 54.9833, 72.2362

Protanopia

53.4236, 54.8064, 70.0503

Deuteranopia

55.8397, 54.6740, 73.2557



Tritanopia

50.5937, 54.9833, 72.2362

Trichromacy



Original Color

50.5937, 54.9833, 72.2362

Protanomaly

52.2437, 54.8487, 70.7841

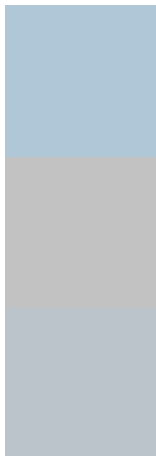
Deuteranomaly

53.7128, 54.5671, 72.6673

Tritanomaly

50.5937, 54.9833, 72.2362

Monochromacy



Original Color

50.5937, 54.9833, 72.2362

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.8941, 54.3089, 63.6774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5937, 54.9833, 72.2362 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(176, 199, 215)` looks like.

```
.text, #text, p{  
    color:rgb(176, 199, 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(176, 199, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 199, 215) }
```

Border

The CSS property to change the border of an element to XYZ 50.5937, 54.9833, 72.2362 is called "border". The border property can be set on classes, ids or directly on the HTML element.

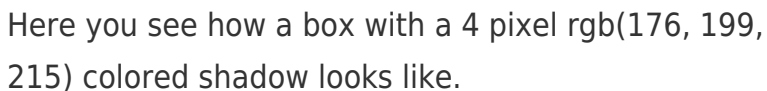
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 199, 215) }
```


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

```
.border{ border-color:rgb(176, 199, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 199, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 199, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 199, 215); box-shadow:4px 4px 4px 4px rgb(176, 199, 215) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5937, 54.9833, 72.2362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 199, 215) }
```

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

```
.background{ background-color: rgb(176,  
199, 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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