

Converting Colors

XYZ(27.7266, 27.5114, 50.3869)

Have a look what the booklet for
XYZ(27.7266, 27.5114, 50.3869)
contains.

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Color

**XYZ(27.5937, 27.3407,
50.2773)**

Conversions

Conversions Part 1

Format	Color
Hex	828DBA
RGB	130, 141, 186
RGB Percent	51%, 55%, 73%
CMY	0.4902, 0.4470, 0.2706
CMYK	0.30, 0.24, 0.00, 0.27
HSL	228°, 29%, 62%
HSV	228°, 30%, 73%
XYZ	27.5937, 27.3407, 50.2773
YIQ	142.8410, -21.0010, 11.6630

Conversions

Conversions Part 2

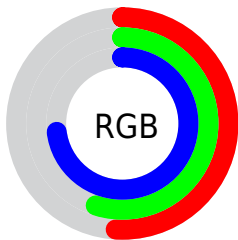
Format	Color
RYB	130, 139, 186
Decimal	8555962
CIELab	59.29, 6.56, -24.78
CIELCh	59, 25.630, 284.822
Yxy	27.3407, 0.2623, 0.2599
Android (android.graphics.Color)	4286746042 (0xFF828DBA)
YUV	142.8410, 21.2774, -11.2616
Hunter-Lab	52.2883, 2.6938, -20.4078

Details

The XYZ color **27.5937, 27.3407, 50.2773** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **39.6095, 42.7112, 27.2765**, and the grayscale version is **25.9696, 27.3220, 29.7537**.

A 20% lighter version of the original color is **55.3093, 55.6314, 91.8272**, and **11.1992, 10.8379, 23.6920** is the 20% darker color. If you saturate the color by 10%, you get **22.9374, 21.8870, 49.4705**, and if you desaturate by 10%, it is **33.0650, 33.6573, 51.2086**.

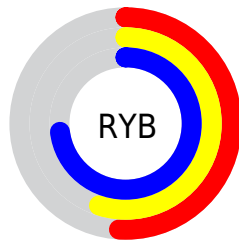
Distribution



Red (51%)

Green (55%)

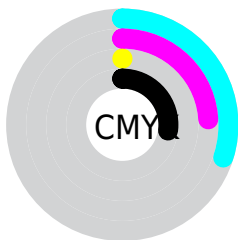
Blue (73%)



Red (51%)

Yellow (55%)

Blue (73%)

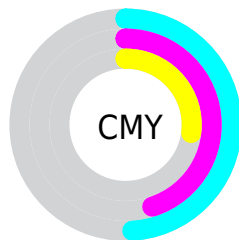


Cyan (30%)

Magenta (24%)

Yellow (0%)

Black (27%)



Cyan (49%)

Magenta (45%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5937, 27.3407, 50.2773 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 27.5937, 27.3407, 50.2773 by changing the saturation by 10% instead.

■ 27.5937, 27.3407,
50.2773

■ 27.5937, 27.3407,
50.2773

282.6358,
289.3030, 404.5155

■ 18.1585, 17.8293,
35.2611

■ 55.2483, 55.4301,
91.9861

■ 11.1642, 10.8275,
23.5789

■ 74.1984, 74.7769,
119.5158

■ 6.2455, 5.9509,
14.8122

■ 97.0509, 98.1708,
152.0537

■ 3.0370, 2.8153,
8.5426

124.1710,
125.9964, 190.0184

■ 1.1734, 1.0361,
4.3513

155.9242,
158.6381, 233.8283

■ 0.0852, 0.0000,
1.8200

192.6758,

■ 0.0000, 0.0000,

196.4801, 283.9021

0.4411

234.7912,
239.9069, 340.6583

■ 0.0000, 0.0000,
0.0000

■ 27.5937, 27.3407,
50.2773

■ 27.5937, 27.3407,
50.2773

■ 22.9374, 21.8870,
49.4705

■ 33.0650, 33.6573,
51.2086

■ 19.0537, 17.2550,
48.7811

■ 39.3854, 40.8691,
52.2675

■ 15.9005, 13.4047,
48.2042

■ 46.5904, 49.0108,
53.4593

■ 13.4304, 10.2917,
47.7335

■ 54.7127, 58.1141,
54.7883

■ 11.5901, 7.8667,
47.3624

■ 63.7832, 68.2094,
56.2588

■ 10.3181, 6.0738,
47.0834

■ 73.8315, 79.3256,
57.8749

■ 9.5103, 4.8397,
46.8877

■ 82.9455, 90.4901,
59.5495

■ 85.8630, 96.3252,
60.5220

Harmonies

Analogous

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



24.4076, 27.3407, 50.2372



27.5937, 27.3407, 50.2773



30.5729, 27.3407, 44.1104

Triad

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



27.5937, 27.3407, 50.2773



30.6030, 27.3407, 18.9890



20.4855, 27.3407, 25.3872

Complementary

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



27.5937, 27.3407, 50.2773



39.6095, 42.7112, 27.2765

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.



21.8834, 27.3407, 18.9317



27.5937, 27.3407, 50.2773



27.6321, 27.3407, 15.7878

Square

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



27.5937, 27.3407, 50.2773



32.4049, 27.3407, 25.4823



24.4430, 27.3407, 15.7693



20.4771, 27.3407, 34.5122

Rectangle

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



27.5937, 27.3407, 50.2773



31.9665, 27.3407, 37.9191



24.4430, 27.3407, 15.7693



20.8031, 27.3407, 22.8800

Sweetspot

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



27.5946, 27.3418, 50.2779



72.5678, 75.4161, 94.9334



34.4837, 42.9515, 46.9281



15.5845, 16.1583, 20.8400



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



27.5946, 27.3418, 50.2779



44.3750, 42.9686, 90.1564



28.8431, 25.6959, 49.8944



8.6602, 8.9975, 11.3597



6.4412, 3.3420, 31.5587



0.2700, 0.2037, 1.1268

Inverse Universe

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



33.0408, 28.3283, 28.9268



55.8947, 45.3627, 44.9259



37.9939, 45.1872, 27.8395



9.0748, 9.0403, 9.7413



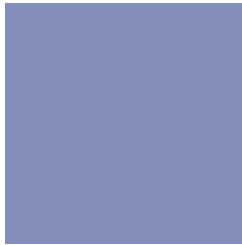
13.8649, 7.1197, 1.9093



0.5104, 0.2597, 0.1814

Previews

White Background



This preview shows how the XYZ color 27.5937, 27.3407, 50.2773 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5937, 27.3407, 50.2773 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 × Fail

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

XYZ 27.5937, 27.3407, 50.2773

Background



This preview shows how black text looks on a background with the XYZ color 27.5937, 27.3407, 50.2773.



This preview shows how white text looks on a background with the XYZ color 27.5937, 27.3407,

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

27.5937, 27.3407, 50.2773

Protanopia

27.5937, 27.3407, 50.2773

Deuteranopia

27.9139, 27.2879, 50.2502



Tritanopia

24.7626, 27.3115, 36.3143

Trichromacy



Original Color

27.5937, 27.3407, 50.2773

Protanomaly

27.5937, 27.3407, 50.2773

Deuteranomaly

27.7567, 27.2069, 50.2429

Tritanomaly

25.6453, 27.2093, 40.9461

Monochromacy



Original Color

27.5937, 27.3407, 50.2773

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.4122, 27.2525, 36.6691

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5937, 27.3407, 50.2773 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(130, 141, 186)` looks like.

```
.text, #text, p{  
    color:rgb(130, 141, 186)  
}
```

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(130, 141, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 141, 186) }
```

Border

The CSS property to change the border of an element to XYZ 27.5937, 27.3407, 50.2773 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(130, 141, 186) }
```


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

```
.border{ border-color:rgb(130, 141, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 141, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 141, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 141, 186);  
box-shadow:4px 4px 4px 4px rgb(130, 141,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5937, 27.3407, 50.2773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 141, 186) }
```

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

```
.background{ background-color: rgb(130,  
141, 186) }
```

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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