

Converting Colors

XYZ(27.7113, 25.1920, 42.1102)

Have a look what the booklet for
XYZ(27.7113, 25.1920, 42.1102)
contains.

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Color

**XYZ(27.7277, 25.2951,
41.9491)**

Conversions

Conversions Part 1

Format	Color
Hex	9582AB
RGB	149, 130, 171
RGB Percent	58%, 51%, 67%
CMY	0.4157, 0.4902, 0.3294
CMYK	0.13, 0.24, 0.00, 0.33
HSL	268°, 20%, 59%
HSV	268°, 24%, 67%
XYZ	27.7277, 25.2951, 41.9491
YIQ	140.3550, -1.8370, 16.7790

Conversions

Conversions Part 2

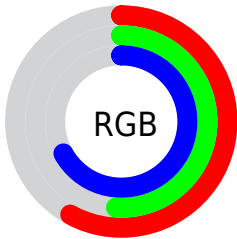
Format	Color
RYB	149, 130, 171
Decimal	9798315
CIELab	57.36, 15.40, -19.04
CIElCh	57, 24.489, 308.954
Yxy	25.2951, 0.2920, 0.2663
Android (android.graphics.Color)	4287988395 (0xFF9582AB)
YUV	140.3550, 15.1080, 7.5817
Hunter-Lab	50.2942, 10.3939, -14.2463

Details

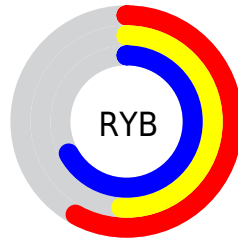
The XYZ color **27.7277, 25.2951, 41.9491** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **31.5420, 37.4136, 26.6794**, and the grayscale version is **25.0095, 26.3120, 28.6537**.

A 20% lighter version of the original color is **55.2896, 52.0545, 79.0849**, and **11.3092, 9.8134, 18.7509** is the 20% darker color. If you saturate the color by 10%, you get **24.0309, 20.2893, 41.1781**, and if you desaturate by 10%, it is **31.9360, 31.1270, 42.8534**.

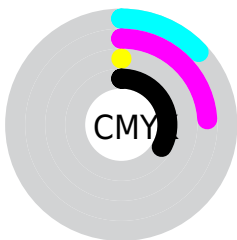
Distribution



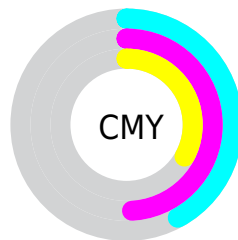
- Red (58%)
- Green (51%)
- Blue (67%)



- Red (58%)
- Yellow (51%)
- Blue (67%)



- Cyan (13%)
- Magenta (24%)
- Yellow (0%)
- Black (33%)



- Cyan (42%)
- Magenta (49%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7277, 25.2951, 41.9491 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 27.7277, 25.2951, 41.9491 by changing the saturation by 10% instead.

■ 27.7277, 25.2951,
41.9491

■ 27.7277, 25.2951,
41.9491

283.2672,
279.3044, 370.0653

■ 18.2599, 16.2971,
28.7362

■ 55.4611, 52.1356,
79.3918

■ 11.2376, 9.7346,
18.6375

■ 74.4574, 70.7468,
104.4587

■ 6.2953, 5.2233,
11.2345

■ 97.3606, 93.3311,
134.3140

■ 3.0678, 2.3789,
6.1086

124.5360,
120.2731, 169.3762

■ 1.1897, 0.8150,
2.8414

156.3490,
151.9570, 210.0639

■ 0.0982, 0.0000,
1.0142

193.1650,

■ 0.0000, 0.0000,

188.7672, 256.7957

0.0000

235.3493,
231.0882, 309.9899

■ 27.7277, 25.2951,
41.9491

■ 27.7277, 25.2951,
41.9491

■ 24.0309, 20.2893,
41.1781

■ 31.9360, 31.1270,
42.8534

■ 20.8215, 16.0675,
40.5324

■ 36.6738, 37.8182,
43.8952

■ 18.0770, 12.5888,
40.0056

■ 41.9609, 45.4036,
45.0807

■ 15.7718, 9.8068,
39.5901

■ 47.8155, 53.9155,
46.4151

■ 13.8777, 7.6701,
39.2775

■ 54.2548, 63.3845,
47.9034

■ 12.3625, 6.1196,
39.0581

■ 61.2953, 73.8396,
49.5503

■ 11.1880, 5.0845,
38.9202

■ 68.9528, 85.3088,
51.3605

■ 10.5952, 4.6129,
38.8604

■ 73.3606, 90.0547,
52.0442

■ 76.2551, 91.5468,
52.1797

Harmonies

Analogous

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



24.9221, 25.2951, 46.5589



27.7277, 25.2951, 41.9491



29.6412, 25.2951, 33.6955

Triad

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



27.7277, 25.2951, 41.9491



26.1044, 25.2951, 15.1474



18.9359, 25.2951, 30.1077

Complementary

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



27.7277, 25.2951, 41.9491



31.5420, 37.4136, 26.6794

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.



19.1969, 25.2951, 22.1874



27.7277, 25.2951, 41.9491



23.1833, 25.2951, 14.5694

Square

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



27.7277, 25.2951, 41.9491



28.6528, 25.2951, 18.6593



20.6987, 25.2951, 16.8809



19.9549, 25.2951, 38.8732

Rectangle

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



27.7277, 25.2951, 41.9491



30.0706, 25.2951, 27.8351



20.6987, 25.2951, 16.8809



18.8787, 25.2951, 27.2511

Sweetspot

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



27.7285, 25.2962, 41.9497



62.9040, 63.7865, 77.9985



27.8752, 30.3225, 42.9121



13.9179, 14.0690, 17.3697



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



27.7285, 25.2962, 41.9497



45.8822, 40.1600, 74.3353



31.6855, 27.3361, 42.1348



7.9184, 7.9322, 10.0664



8.0468, 3.5081, 29.2975



0.2874, 0.1303, 0.8180

Inverse Universe

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



30.4456, 26.8913, 33.2929



51.7408, 43.6014, 55.5795



28.1166, 35.6477, 26.5191



8.1781, 8.0845, 9.2489



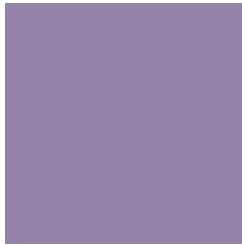
14.1358, 7.1169, 8.3608



0.4205, 0.2089, 0.3762

Previews

White Background



This preview shows how the XYZ color 27.7277, 25.2951, 41.9491 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 27.7277, 25.2951, 41.9491 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 27.7277, 25.2951, 41.9491

Background



This preview shows how black text looks on a background with the XYZ color 27.7277, 25.2951, 41.9491.



This preview shows how white text looks on a background with the XYZ color 27.7277, 25.2951,

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

27.7277, 25.2951, 41.9491

Protanopia

25.4441, 25.2927, 44.0984

Deuteranopia

25.9113, 25.3811, 41.5636



Tritanopia

25.4519, 25.3920, 30.3478

Trichromacy



Original Color

27.7277, 25.2951, 41.9491

Protanomaly

26.3184, 25.3404, 43.5485

Deuteranomaly

26.4584, 25.2528, 41.5100

Tritanomaly

26.0743, 25.2191, 34.0654

Monochromacy



Original Color

27.7277, 25.2951, 41.9491

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.7178, 25.6823, 32.8799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7277, 25.2951, 41.9491 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(149, 130, 171)` looks like.

```
.text, #text, p{  
    color:rgb(149, 130, 171)  
}
```

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(149, 130, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 130, 171) }
```

Border

The CSS property to change the border of an element to XYZ 27.7277, 25.2951, 41.9491 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(149, 130, 171) }
```


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

```
.border{ border-color:rgb(149, 130, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 130, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 130, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 130, 171);  
box-shadow:4px 4px 4px 4px rgb(149, 130,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7277, 25.2951, 41.9491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 130, 171) }
```

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

```
.background{ background-color: rgb(149,  
130, 171) }
```

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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