

Converting Colors

XYZ(27.5514, 21.0462, 50.8001)

Have a look what the booklet for
XYZ(27.5514, 21.0462, 50.8001)
contains.

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Color

**XYZ(27.4968, 21.0746,
50.7627)**

Conversions

Conversions Part 1

Format	Color
Hex	986CBD
RGB	152, 108, 189
RGB Percent	60%, 42%, 74%
CMY	0.4039, 0.5765, 0.2588
CMYK	0.20, 0.43, 0.00, 0.26
HSL	273°, 38%, 58%
HSV	273°, 43%, 74%
XYZ	27.4968, 21.0746, 50.7627
YIQ	130.3900, 0.2230, 34.5190

Conversions

Conversions Part 2

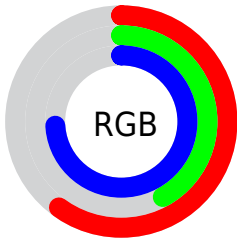
Format	Color
R_{YB}	152, 108, 189
Decimal	9989309
CIE _{Lab}	53.03, 33.14, -36.06
CIE _{LCh}	53, 48.977, 312.582
Yxy	21.0746, 0.2768, 0.2122
Android (android.graphics.Color)	4288179389 (0xFF986CBD)
YUV	130.3900, 28.8947, 18.9520
Hunter-Lab	45.9071, 26.5781, -33.4262

Details

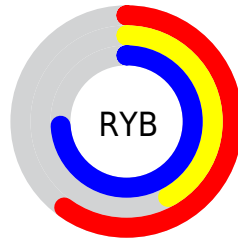
The XYZ color **27.4968, 21.0746, 50.7627** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **32.5818, 43.4981, 20.8668**, and the grayscale version is **21.2576, 22.3646, 24.3550**.

A 20% lighter version of the original color is **55.2178, 45.2053, 93.0040**, and **11.0827, 7.5298, 23.7910** is the 20% darker color. If you saturate the color by 10%, you get **24.1580, 16.7086, 50.0963**, and if you desaturate by 10%, it is **31.3868, 26.3670, 51.5796**.

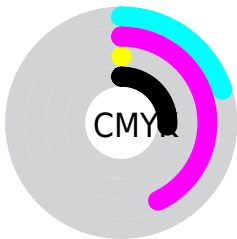
Distribution



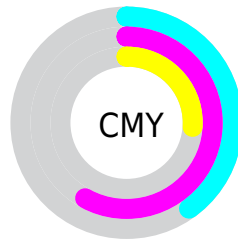
- Red (60%)
- Green (42%)
- Blue (74%)



- Red (60%)
- Yellow (42%)
- Blue (74%)



- Cyan (20%)
- Magenta (43%)
- Yellow (0%)
- Black (26%)



- Cyan (40%)
- Magenta (58%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4968, 21.0746, 50.7627 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 27.4968, 21.0746, 50.7627 by changing the saturation by 10% instead.

■ 27.4968, 21.0746,
50.7627

■ 27.4968, 21.0746,
50.7627

282.1784,
257.6747, 406.4613

■ 18.0852, 13.1785,
35.6444

■ 55.0943, 45.2117,
92.7118

■ 11.1112, 7.5516,
23.8721

■ 74.0110, 62.2214,
120.3797

■ 6.2095, 3.8094,
15.0275

■ 96.8267, 83.0379,
153.0678

■ 3.0148, 1.5675,
8.6918

■ 123.9068,
108.0455, 191.1947

■ 1.1616, 0.3356,
4.4467

155.6167,
137.6286, 235.1790

■ 0.0757, 0.0000,
1.8734

192.3217,

■ 0.0000, 0.0000,

172.1715, 285.4392

0.4758

234.3871,
212.0588, 342.3938

■ 0.0000, 0.0000,
0.0000

■ 27.4968, 21.0746,
50.7627

■ 27.4968, 21.0746,
50.7627

■ 24.1580, 16.7086,
50.0963

■ 31.3868, 26.3670,
51.5796

■ 21.3375, 13.2089,
49.5694

■ 35.8538, 32.6359,
52.5541

■ 19.0018, 10.5118,
49.1720

■ 40.9246, 39.9307,
53.6949

■ 17.1122, 8.5435,
48.8916

■ 46.6234, 48.2966,
55.0093

■ 15.6224, 7.2159,
48.7139

■ 52.9733, 57.7761,
56.5044

■ 14.7410, 6.5382,
48.6295

■ 59.9958, 68.4094,
58.1867

■ 67.7116, 80.2346,
60.0625

■ 74.7848, 90.5769,
61.6860

■ 77.4826, 91.9677,
61.8123

Harmonies

Analogous

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



22.2637, 21.0746, 63.1845



27.4968, 21.0746, 50.7627



31.0283, 21.0746, 32.5136

Triad

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



27.4968, 21.0746, 50.7627



23.1399, 21.0746, 5.1413



11.8449, 21.0746, 29.6874

Complementary

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



27.4968, 21.0746, 50.7627



32.5818, 43.4981, 20.8668

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.



11.9977, 21.0746, 15.4687



27.4968, 21.0746, 50.7627



17.9524, 21.0746, 4.9164

Square

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



27.4968, 21.0746, 50.7627



28.2321, 21.0746, 8.6205



14.0556, 21.0746, 7.7702



13.5948, 21.0746, 47.9472

Rectangle

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



27.4968, 21.0746, 50.7627



31.6259, 21.0746, 21.6939



14.0556, 21.0746, 7.7702



11.6853, 21.0746, 24.2468

Sweetspot

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



27.4976, 21.0755, 50.7632



72.9569, 71.0234, 96.0899



25.6184, 27.3591, 52.0751



15.2383, 14.6199, 20.5614



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.



27.4976, 21.0755, 50.7632



43.8445, 30.6642, 89.8341



35.2442, 25.1025, 49.6099



9.4983, 9.4738, 12.0002



10.0072, 4.4450, 32.7234



0.4666, 0.2126, 1.2853

Inverse Universe

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



31.4602, 23.5889, 29.6834



52.2310, 35.9714, 45.7748



27.2353, 40.7249, 21.3784



9.7065, 9.6069, 10.8435



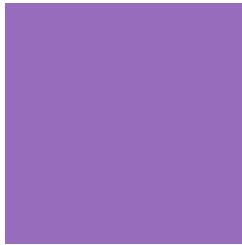
15.2970, 7.7500, 6.8577



0.6322, 0.3168, 0.4425

Previews

White Background



This preview shows how the XYZ color 27.4968, 21.0746, 50.7627 looks on a white background.

Color Contrast Check

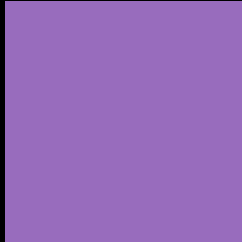
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4968, 21.0746, 50.7627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

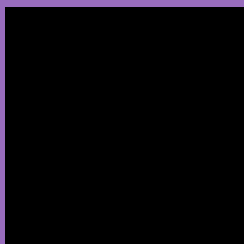
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.4968, 21.0746, 50.7627

Background



This preview shows how black text looks on a background with the XYZ color 27.4968, 21.0746, 50.7627.



This preview shows how white text looks on a background with the XYZ color 27.4968, 21.0746,

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

27.4968, 21.0746, 50.7627

Protanopia

22.9169, 21.2685, 59.3973

Deuteranopia

21.6973, 21.2493, 48.8569



Tritanopia

22.0220, 21.0372, 24.0190

Trichromacy



Original Color

27.4968, 21.0746, 50.7627

Protanomaly

24.0076, 20.8160, 56.1786

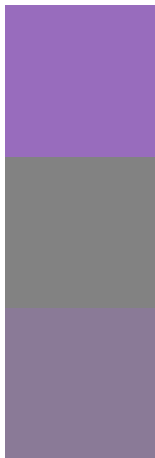
Deuteranomaly

23.2055, 20.7319, 49.2330

Tritanomaly

23.6854, 20.8361, 32.0516

Monochromacy



Original Color

27.4968, 21.0746, 50.7627

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

23.0267, 21.5567, 32.2254

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4968, 21.0746, 50.7627 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(152, 108, 189)` looks like.

```
.text, #text, p{  
    color:rgb(152, 108, 189)  
}
```

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(152, 108, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 108, 189) }
```

Border

The CSS property to change the border of an element to XYZ 27.4968, 21.0746, 50.7627 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(152, 108, 189) }
```


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

```
.border{ border-color:rgb(152, 108, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 108, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(152, 108, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(152, 108, 189); box-shadow:4px 4px 4px 4px rgb(152, 108, 189) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4968, 21.0746, 50.7627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 108, 189) }
```

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

```
.background{ background-color: rgb(152,  
108, 189) }
```

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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