

Converting Colors

XYZ(27.2588, 21.9297, 50.7188)

Have a look what the booklet for
XYZ(27.2588, 21.9297, 50.7188)
contains.

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Color

**XYZ(27.2352, 21.9118,
50.9381)**

Conversions

Conversions Part 1

Format	Color
Hex	9372BD
RGB	147, 114, 189
RGB Percent	58%, 45%, 74%
CMY	0.4235, 0.5529, 0.2588
CMYK	0.22, 0.40, 0.00, 0.26
HSL	266°, 36%, 59%
HSV	266°, 40%, 74%
XYZ	27.2352, 21.9118, 50.9381
YIQ	132.4170, -4.4070, 30.3210

Conversions

Conversions Part 2

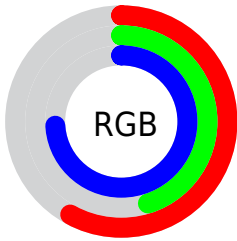
Format	Color
R_{YB}	147, 114, 189
Decimal	9663165
CIE _{Lab}	53.93, 28.20, -34.68
CIE _{LCh}	54, 44.701, 309.111
Yxy	21.9118, 0.2721, 0.2189
Android (android.graphics.Color)	4287853245 (0xFF9372BD)
YUV	132.4170, 27.8954, 12.7893
Hunter-Lab	46.8100, 21.9380, -31.7516

Details

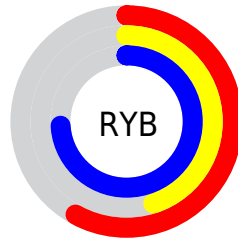
The XYZ color **27.2352, 21.9118, 50.9381** is a light color, and the websafe version is hex **996699**. A complement of this color would be **34.9459, 44.6786, 22.7025**, and the grayscale version is **21.9868, 23.1318, 25.1906**.

A 20% lighter version of the original color is **54.6279, 46.4828, 93.2817**, and **10.9828, 7.9628, 23.8798** is the 20% darker color. If you saturate the color by 10%, you get **23.5082, 17.1464, 50.2151**, and if you desaturate by 10%, it is **31.5789, 27.6499, 51.8171**.

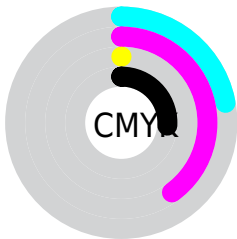
Distribution



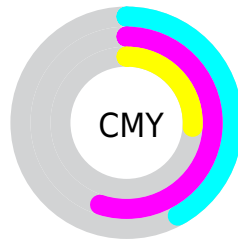
- Red (58%)
- Green (45%)
- Blue (74%)



- Red (58%)
- Yellow (45%)
- Blue (74%)



- Cyan (22%)
- Magenta (40%)
- Yellow (0%)
- Black (26%)



- Cyan (42%)
- Magenta (55%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2352, 21.9118, 50.9381 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 27.2352, 21.9118, 50.9381 by changing the saturation by 10% instead.

■ 27.2352, 21.9118,
50.9381

■ 27.2352, 21.9118,
50.9381

280.9409,
262.0853, 407.1629

■ 17.8874, 13.7921,
35.7830

■ 54.6783, 46.6002,
92.9738

■ 10.9684, 7.9762,
23.9783

■ 73.5043, 63.9377,
120.6915

■ 6.1127, 4.0797,
15.1054

■ 96.2205, 85.1165,
153.4338

■ 2.9551, 1.7183,
8.7460

■ 123.1922,
110.5211, 191.6192

■ 1.1300, 0.4354,
4.4813

154.7847,
140.5359, 235.6663

■ 0.0500, 0.0000,
1.8929

191.3634,

■ 0.0000, 0.0000,

175.5453, 285.9935

0.4882

233.2937,
215.9336, 343.0196

■ 0.0000, 0.0000,
0.0000

■ 27.2352, 21.9118,
50.9381

■ 27.2352, 21.9118,
50.9381

■ 23.5082, 17.1464,
50.2151

■ 31.5789, 27.6499,
51.8171

■ 20.3635, 13.2940,
49.6373

■ 36.5664, 34.4103,
52.8591

■ 17.7666, 10.2922,
49.1947

■ 42.2259, 42.2424,
54.0726

■ 15.6779, 8.0693,
48.8757

■ 48.5833, 51.1916,
55.4649

■ 14.0513, 6.5411,
48.6665

■ 55.6629, 61.3004,
57.0429

■ 12.8032, 5.5489,
48.5408

■ 63.4877, 72.6094,
58.8134

■ 12.7668, 5.5204,
48.5372

■ 72.0799, 85.1569,
60.7824

■ 78.1186, 92.2956,
61.8421

■ 81.6522, 94.1172,
62.0074

Harmonies

Analogous

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



22.3284, 21.9118, 60.8198



27.2352, 21.9118, 50.9381



30.7376, 21.9118, 34.6251

Triad

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



27.2352, 21.9118, 50.9381



24.3078, 21.9118, 6.6625



12.9522, 21.9118, 28.3117

Complementary

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



27.2352, 21.9118, 50.9381



34.9459, 44.6786, 22.7025

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.



13.3141, 21.9118, 15.5926



27.2352, 21.9118, 50.9381



19.3935, 21.9118, 6.0784

Square

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



27.2352, 21.9118, 50.9381



28.8746, 21.9118, 10.7286



15.5114, 21.9118, 8.6238



14.4328, 21.9118, 44.8175

Rectangle

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



27.2352, 21.9118, 50.9381



31.5323, 21.9118, 24.2721



15.5114, 21.9118, 8.6238



12.8681, 21.9118, 23.4491

Sweetspot

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



27.2360, 21.9127, 50.9386



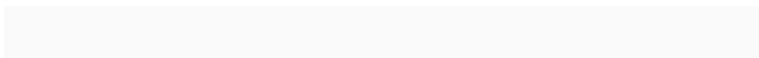
72.9653, 71.9486, 96.2680



28.0980, 31.1974, 52.6853



15.4010, 15.0698, 20.6396



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.



27.2360, 21.9127, 50.9386



42.6684, 31.4191, 90.0418



34.9704, 25.8999, 51.3006



9.4041, 9.4252, 11.9958



8.6746, 3.7580, 32.6611



0.4150, 0.1860, 1.2829

Inverse Universe

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



33.0050, 25.2546, 34.5884



54.8508, 38.4865, 55.0475



28.8433, 41.5326, 22.4169



9.7478, 9.6234, 11.0610



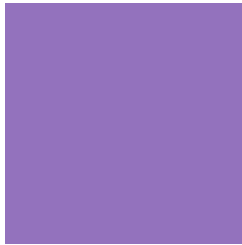
15.9040, 7.9928, 10.0540



0.6553, 0.3260, 0.5643

Previews

White Background



This preview shows how the XYZ color 27.2352, 21.9118, 50.9381 looks on a white background.

Color Contrast Check

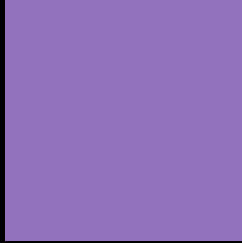
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2352, 21.9118, 50.9381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

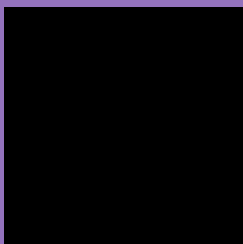
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.2352, 21.9118, 50.9381

Background



This preview shows how black text looks on a background with the XYZ color 27.2352, 21.9118, 50.9381.



This preview shows how white text looks on a background with the XYZ color 27.2352, 21.9118,

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

27.2352, 21.9118, 50.9381

Protanopia

23.6082, 22.2324, 57.6906

Deuteranopia

22.5260, 22.0477, 49.5228



Tritanopia

22.1880, 21.8198, 25.9639

Trichromacy



Original Color

27.2352, 21.9118, 50.9381

Protanomaly

24.5311, 21.8265, 55.1446

Deuteranomaly

23.9378, 21.8187, 49.9635

Tritanomaly

23.7383, 21.7040, 33.9485

Monochromacy



Original Color

27.2352, 21.9118, 50.9381

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

23.3999, 22.2855, 33.2052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2352, 21.9118, 50.9381 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(147, 114, 189)` looks like.

```
.text, #text, p{  
    color:rgb(147, 114, 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(147, 114, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 114, 189) }
```

Border

The CSS property to change the border of an element to XYZ 27.2352, 21.9118, 50.9381 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(147, 114, 189) }
```


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

```
.border{ border-color:rgb(147, 114, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 114, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 114, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 114, 189);  
box-shadow:4px 4px 4px 4px rgb(147, 114,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2352, 21.9118, 50.9381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 114, 189) }
```

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

```
.background{ background-color: rgb(147,  
114, 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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