

Converting Colors

XYZ(25.1150, 21.8267, 30.2535)

Have a look what the booklet for
XYZ(25.1150, 21.8267, 30.2535)
contains.

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Color

**XYZ(25.0672, 21.7665,
30.0743)**

Conversions

Conversions Part 1

Format	Color
Hex	9B7592
RGB	155, 117, 146
RGB Percent	61%, 46%, 57%
CMY	0.3922, 0.5412, 0.4274
CMYK	0.00, 0.25, 0.06, 0.39
HSL	314°, 16%, 53%
HSV	314°, 25%, 61%
XYZ	25.0672, 21.7665, 30.0743
YIQ	131.6680, 13.3390, 17.0750

Conversions

Conversions Part 2

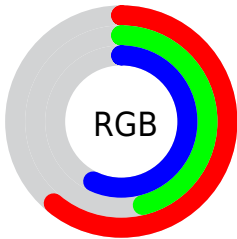
Format	Color
R_{YB}	155, 117, 146
Decimal	10188178
CIE _{Lab}	53.78, 19.88, -9.94
CIE _{LCh}	54, 22.225, 333.428
Yxy	21.7665, 0.3259, 0.2830
Android (android.graphics.Color)	4288378258 (0xFF9B7592)
YUV	131.6680, 7.0657, 20.4622
Hunter-Lab	46.6546, 14.2614, -5.5611

Details

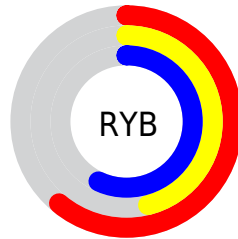
The XYZ color **25.0672, 21.7665, 30.0743** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.8243, 28.7316, 24.0828**, and the grayscale version is **21.7853, 22.9198, 24.9597**.

A 20% lighter version of the original color is **51.1916, 46.2477, 60.8722**, and **9.7262, 7.8440, 11.8279** is the 20% darker color. If you saturate the color by 10%, you get **23.1277, 18.3370, 28.0415**, and if you desaturate by 10%, it is **27.3162, 25.7996, 32.2561**.

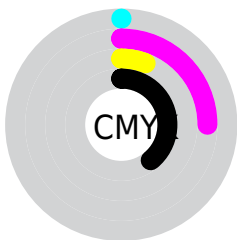
Distribution



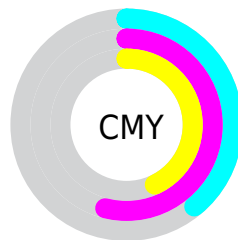
- Red (61%)
- Green (46%)
- Blue (57%)



- Red (61%)
- Yellow (46%)
- Blue (57%)



- Cyan (0%)
- Magenta (25%)
- Yellow (6%)
- Black (39%)



- Cyan (39%)
- Magenta (54%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0672, 21.7665, 30.0743 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 25.0672, 21.7665, 30.0743 by changing the saturation by 10% instead.

■ 25.0672, 21.7665,
30.0743

■ 25.0672, 21.7665,
30.0743

270.5139,
261.3244, 316.4687

■ 16.2561, 13.6854,
19.6425

■ 51.2083, 46.3598,
60.8421

■ 9.7976, 7.9022,
11.9539

■ 69.2691, 63.6408,
82.0150

■ 5.3262, 4.0324,
6.5902

■ 91.1438, 84.7572,
107.6055

■ 2.4766, 1.6917,
3.1326

117.1978,
110.0934, 138.0320

■ 0.8835, 0.4183,
1.1627

147.7965,
140.0339, 173.7130

■ 0.0000, 0.0000,
0.0000

183.3051,

174.9629, 215.0671

224.0892,
215.2650, 262.5128

■ 25.0672, 21.7665,
30.0743

■ 25.0672, 21.7665,
30.0743

■ 23.1277, 18.3370,
28.0415

■ 27.3162, 25.7996,
32.2561

■ 21.4811, 15.4789,
26.1508

■ 29.8865, 30.4610,
34.5904

■ 20.1118, 13.1611,
24.3970

■ 32.7917, 35.7772,
37.0824

■ 19.0022, 11.3486,
22.7738

■ 36.0441, 41.7727,
39.7366

■ 18.1328, 10.0021,
21.2742

■ 39.6552, 48.4704,
42.5573

■ 17.4808, 9.0766,
19.8902

■ 43.6360, 55.8922,
45.5485

■ 17.0185, 8.5166,
18.6120

■ 47.9972, 64.0593,
48.7142

■ 16.8048, 8.2835,
17.9422

■ 52.7489, 72.9917,
52.0580

■ 57.4189, 81.7451,
55.4231

Harmonies

Analogous

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



23.3191, 21.7665, 36.4387



25.0672, 21.7665, 30.0743



25.6124, 21.7665, 22.9233

Triad

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



25.0672, 21.7665, 30.0743



20.4154, 21.7665, 12.8581



17.0921, 21.7665, 31.6969

Complementary

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



25.0672, 21.7665, 30.0743



22.8243, 28.7316, 24.0828

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.



16.4398, 21.7665, 24.4940



25.0672, 21.7665, 30.0743



18.2634, 21.7665, 14.3414

Square

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



25.0672, 21.7665, 30.0743



22.8085, 21.7665, 13.7869



16.8518, 21.7665, 18.2968



18.7040, 21.7665, 37.4949

Rectangle

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



25.0672, 21.7665, 30.0743



25.1883, 21.7665, 18.8520



16.8518, 21.7665, 18.2968



16.7592, 21.7665, 29.3151

Sweetspot

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



25.0679, 21.7675, 30.0748



52.2586, 52.2510, 60.8237



20.8632, 19.5158, 33.6781



11.7715, 11.7232, 13.7160



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



25.0679, 21.7675, 30.0748



43.0708, 35.7479, 51.9880



23.7191, 21.2280, 22.9726



6.3986, 6.2986, 7.4793



13.5128, 6.6594, 14.4913



0.2156, 0.1050, 0.2883

Inverse Universe

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



25.0679, 21.7675, 30.0748



43.0708, 35.7479, 51.9880



24.1588, 29.2655, 31.1104



6.3986, 6.2986, 7.4793



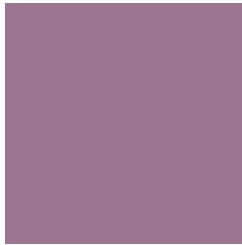
13.5128, 6.6594, 14.4913



0.2156, 0.1050, 0.2883

Previews

White Background



This preview shows how the XYZ color 25.0672, 21.7665, 30.0743 looks on a white background.

Color Contrast Check

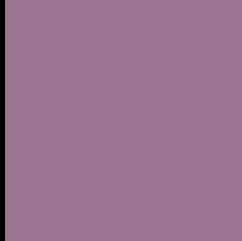
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0672, 21.7665, 30.0743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

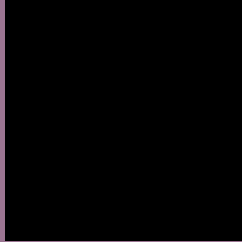
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.0672, 21.7665, 30.0743

Background



This preview shows how black text looks on a background with the XYZ color 25.0672, 21.7665, 30.0743.



This preview shows how white text looks on a background with the XYZ color 25.0672, 21.7665,

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

25.0672, 21.7665, 30.0743

Protanopia

21.7811, 22.0233, 33.2399

Deuteranopia

22.1992, 21.7492, 29.4135



Tritanopia

23.8158, 21.7902, 23.7196

Trichromacy



Original Color

25.0672, 21.7665, 30.0743

Protanomaly

22.7043, 21.7682, 31.8592

Deuteranomaly

23.2257, 21.7142, 29.7552

Tritanomaly

24.2964, 21.8129, 25.8514

Monochromacy



Original Color

25.0672, 21.7665, 30.0743

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.9199, 22.5603, 26.8135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0672, 21.7665, 30.0743 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(155, 117, 146)` looks like.

```
.text, #text, p{  
    color:rgb(155, 117, 146)  
}
```

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(155, 117, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 117, 146) }
```

Border

The CSS property to change the border of an element to XYZ 25.0672, 21.7665, 30.0743 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(155, 117, 146) }
```


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

```
.border{ border-color:rgb(155, 117, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 117, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 117, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 117, 146); box-shadow:4px 4px 4px 4px rgb(155, 117, 146) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0672, 21.7665, 30.0743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 117, 146) }
```

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

```
.background{ background-color: rgb(155,  
117, 146) }
```

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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