

Converting Colors

XYZ(25.6878, 22.0600, 47.1601)

Have a look what the booklet for
XYZ(25.6878, 22.0600, 47.1601)
contains.

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Color

**XYZ(25.6878, 22.0600,
47.1601)**

Conversions

Conversions Part 1

Format	Color
Hex	8B77B6
RGB	139, 119, 182
RGB Percent	55%, 47%, 71%
CMY	0.4549, 0.5333, 0.2863
CMYK	0.24, 0.35, 0.00, 0.29
HSL	259°, 30%, 59%
HSV	259°, 35%, 71%
XYZ	25.6878, 22.0600, 47.1601
YIQ	132.1620, -8.3030, 23.8330

Conversions

Conversions Part 2

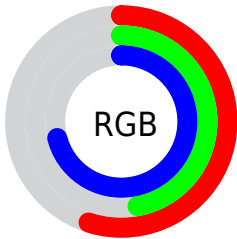
Format	Color
R_{YB}	139, 119, 182
Decimal	9140150
CIE _{Lab}	54.09, 21.16, -30.48
CIE _{LCh}	54, 37.099, 304.768
Yxy	22.0600, 0.2707, 0.2324
Android (android.graphics.Color)	4287330230 (0xFF8B77B6)
YUV	132.1620, 24.5701, 5.9969
Hunter-Lab	46.9681, 15.4312, -26.6548

Details

The XYZ color **25.6878, 22.0600, 47.1601** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **34.9585, 42.4697, 23.8086**, and the grayscale version is **21.9075, 23.0484, 25.0997**.

A 20% lighter version of the original color is **51.9878, 46.6363, 87.1506**, and **10.0831, 7.9915, 21.7800** is the 20% darker color. If you saturate the color by 10%, you get **21.7681, 17.1264, 46.4148**, and if you desaturate by 10%, it is **30.2595, 27.9464, 48.0557**.

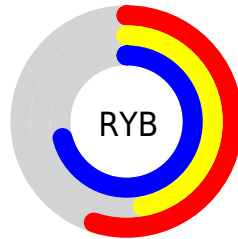
Distribution



Red (55%)

Green (47%)

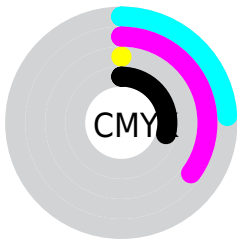
Blue (71%)



Red (55%)

Yellow (47%)

Blue (71%)

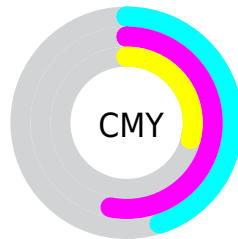


Cyan (24%)

Magenta (35%)

Yellow (0%)

Black (29%)



Cyan (45%)

Magenta (53%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6878, 22.0600, 47.1601 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 25.6878, 22.0600, 47.1601 by changing the saturation by 10% instead.

■ 25.6878, 22.0600,
47.1601

■ 25.6878, 22.0600,
47.1601

273.5310,
262.8594, 391.8655

■ 16.7217, 13.9010,
32.8070

■ 52.2058, 46.8451,
87.3050

■ 10.1303, 8.0518,
21.7087

■ 70.4883, 64.2401,
113.9339

■ 5.5484, 4.1281,
13.4468

■ 92.6071, 85.4824,
145.4918

■ 2.6105, 1.7455,
7.6026

118.9273,
110.9566, 182.3973

■ 0.9513, 0.4529,
3.7576

149.8145,
141.0470, 225.0689

■ 0.0000, 0.0000,
1.4933

185.6340,

■ 0.0000, 0.0000,

176.1380, 273.9250

0.2130

226.7510,
216.6140, 329.3844

■ 0.0000, 0.0000,
0.0000

■ 25.6878, 22.0600,
47.1601

■ 25.6878, 22.0600,
47.1601

■ 21.7681, 17.1264,
46.4148

■ 30.2595, 27.9464,
48.0557

■ 18.4665, 13.0913,
45.8099

■ 35.5103, 34.8306,
49.1078

■ 15.7493, 9.8991,
45.3370

■ 41.4684, 42.7578,
50.3238

■ 13.5785, 7.4867,
44.9858

■ 48.1597, 51.7696,
51.7106

■ 11.9107, 5.7813,
44.7445

■ 55.6088, 61.9053,
53.2744

■ 10.6950, 4.6960,
44.5991

■ 63.8390, 73.2024,
55.0212

■ 10.1757, 4.2704,
44.5443

■ 72.8729, 85.6964,
56.9566

■ 79.5911, 93.1404,
58.0394

■ 83.9160, 95.3699,
58.2418

Harmonies

Analogous

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



21.6160, 22.0600, 53.4970



25.6878, 22.0600, 47.1601



28.7596, 22.0600, 34.7378

Triad

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



25.6878, 22.0600, 47.1601



24.4355, 22.0600, 9.0513



14.1734, 22.0600, 25.9056

Complementary

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



25.6878, 22.0600, 47.1601



34.9585, 42.4697, 23.8086

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.



14.7275, 22.0600, 15.7696



25.6878, 22.0600, 47.1601



20.3319, 22.0600, 8.0310

Square

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



25.6878, 22.0600, 47.1601



27.9742, 22.0600, 13.4842



16.8638, 22.0600, 10.0448



15.2407, 22.0600, 38.9719

Rectangle

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



25.6878, 22.0600, 47.1601



29.6385, 22.0600, 26.0940



16.8638, 22.0600, 10.0448



14.1776, 22.0600, 22.0582

Sweetspot

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



25.6886, 22.0609, 47.1606



69.0195, 69.2973, 89.9737



28.9811, 33.1583, 49.1291



14.9151, 14.8683, 19.8054



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



25.6886, 22.0609, 47.1606



40.7297, 32.6240, 84.3861



31.7160, 25.1681, 47.4427



8.7823, 8.8541, 11.3256



7.2478, 3.0476, 31.4593



0.3217, 0.1415, 1.1121

Inverse Universe

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



32.4104, 25.7481, 37.4446



55.0823, 40.5110, 63.0096



29.3489, 39.5778, 23.5460



9.2563, 9.1129, 10.6971



16.2337, 8.0672, 14.3831



0.5990, 0.2951, 0.6480

Previews

White Background



This preview shows how the XYZ color 25.6878, 22.0600, 47.1601 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 25.6878, 22.0600, 47.1601 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 25.6878, 22.0600, 47.1601

Background



This preview shows how black text looks on a background with the XYZ color 25.6878, 22.0600, 47.1601.



This preview shows how white text looks on a background with the XYZ color 25.6878, 22.0600,

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

25.6878, 22.0600, 47.1601

Protanopia

23.0814, 22.1041, 51.1941

Deuteranopia

22.6395, 22.1784, 46.2676



Tritanopia

21.6667, 22.0986, 27.1683

Trichromacy



Original Color

25.6878, 22.0600, 47.1601

Protanomaly

23.8163, 21.9535, 49.4366

Deuteranomaly

23.7001, 22.1410, 46.7406

Tritanomaly

22.9979, 22.0687, 33.6194

Monochromacy



Original Color

25.6878, 22.0600, 47.1601

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

23.0861, 22.5316, 31.9864

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6878, 22.0600, 47.1601 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(139, 119, 182)` looks like.

```
.text, #text, p{  
    color:rgb(139, 119, 182)  
}
```

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(139, 119, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 119, 182) }
```

Border

The CSS property to change the border of an element to XYZ 25.6878, 22.0600, 47.1601 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(139, 119, 182) }
```


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

```
.border{ border-color:rgb(139, 119, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 119, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 119, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 119, 182);  
box-shadow:4px 4px 4px 4px rgb(139, 119,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6878, 22.0600, 47.1601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 119, 182) }
```

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

```
.background{ background-color: rgb(139,  
119, 182) }
```

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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