

Converting Colors

XYZ(24.6515, 22.6056, 47.5539)

Have a look what the booklet for
XYZ(24.6515, 22.6056, 47.5539)
contains.

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Color

**XYZ(24.6792, 22.6338,
47.3240)**

Conversions

Conversions Part 1

Format	Color
Hex	807DB6
RGB	128, 125, 182
RGB Percent	50%, 49%, 71%
CMY	0.4980, 0.5098, 0.2863
CMYK	0.30, 0.31, 0.00, 0.29
HSL	243°, 28%, 60%
HSV	243°, 31%, 71%
XYZ	24.6792, 22.6338, 47.3240
YIQ	132.3950, -16.5090, 18.3630

Conversions

Conversions Part 2

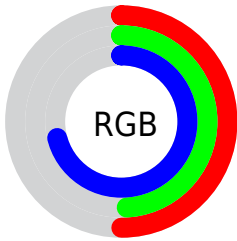
Format	Color
R_{YB}	128, 125, 182
Decimal	8420790
CIE _{Lab}	54.69, 14.27, -29.61
CIE _{LCh}	55, 32.872, 295.731
Yxy	22.6338, 0.2608, 0.2392
Android (android.graphics.Color)	4286610870 (0xFF807DB6)
YUV	132.3950, 24.4553, -3.8544
Hunter-Lab	47.5750, 9.3394, -25.6747

Details

The XYZ color **24.6792, 22.6338, 47.3240** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **39.0205, 44.5207, 25.9396**, and the grayscale version is **21.9940, 23.1394, 25.1988**.

A 20% lighter version of the original color is **50.6444, 47.9589, 87.4767**, and **9.6075, 8.3316, 21.8707** is the 20% darker color. If you saturate the color by 10%, you get **20.2061, 17.2157, 46.5143**, and if you desaturate by 10%, it is **30.0167, 29.1252, 48.2960**.

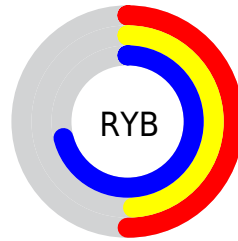
Distribution



Red (50%)

Green (49%)

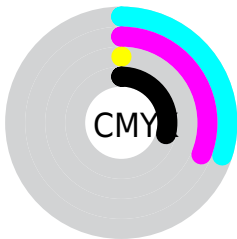
Blue (71%)



Red (50%)

Yellow (49%)

Blue (71%)

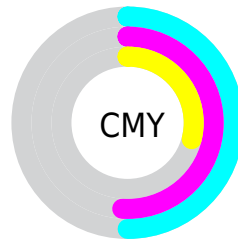


Cyan (30%)

Magenta (31%)

Yellow (0%)

Black (29%)



Cyan (50%)

Magenta (51%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6792, 22.6338, 47.3240 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 24.6792, 22.6338, 47.3240 by changing the saturation by 10% instead.

■ 24.6792, 22.6338,
47.3240

■ 24.6792, 22.6338,
47.3240

268.6138,
265.8385, 392.5375

■ 15.9657, 14.3233,
32.9357

■ 50.5830, 47.7913,
87.5521

■ 9.5906, 8.3459,
21.8065

■ 68.5039, 65.4072,
114.2289

■ 5.1885, 4.3171,
13.5178

■ 90.2247, 86.8936,
145.8391

■ 2.3942, 1.8525,
7.6512

116.1107,
112.6351, 182.8010

■ 0.8422, 0.5196,
3.7880

146.5272,
143.0159, 225.5332

■ 0.0000, 0.0000,
1.5098

181.8397,

■ 0.0000, 0.0000,

178.4204, 274.4544

0.2252

222.4134,
219.2332, 329.9829

0.0000, 0.0000,
0.0000

24.6792, 22.6338,
47.3240

24.6792, 22.6338,
47.3240

20.2061, 17.2157,
46.5143

30.0167, 29.1252,
48.2960

16.5498, 12.8105,
45.8568

36.2583, 36.7406,
49.4370

13.6615, 9.3561,
45.3422

43.4441, 45.5306,
50.7549

11.4863, 6.7824,
44.9601

51.6110, 55.5419,
52.2568

9.9620, 5.0095,
44.6982

60.7940, 66.8189,
53.9495

■ 9.0158, 3.9432,
44.5423

■ 71.0263, 79.4035,
55.8393

■ 8.5635, 3.4392,
44.4689

■ 82.3398, 93.3358,
57.9322

■ 85.4436, 96.1574,
58.3133

Harmonies

Analogous

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



20.9987, 22.6338, 50.3557



24.6792, 22.6338, 47.3240



27.7946, 22.6338, 37.6631

Triad

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



24.6792, 22.6338, 47.3240



25.6760, 22.6338, 11.5661



15.2899, 22.6338, 23.1898

Complementary

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



24.6792, 22.6338, 47.3240



39.0205, 44.5207, 25.9396

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.



16.2568, 22.6338, 15.0356



24.6792, 22.6338, 47.3240



22.0352, 22.6338, 9.6286

Square

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



24.6792, 22.6338, 47.3240



28.4139, 22.6338, 16.9617



18.6294, 22.6338, 10.6927



15.8306, 22.6338, 34.3542

Rectangle

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



24.6792, 22.6338, 47.3240



28.9903, 22.6338, 29.8928



18.6294, 22.6338, 10.6927



15.4461, 22.6338, 20.0493

Sweetspot

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



24.6800, 22.6347, 47.3245



68.4088, 69.8768, 90.1178



33.0517, 40.0383, 50.2425



14.7109, 14.9466, 19.8312



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.



24.6800, 22.6347, 47.3245



38.6539, 33.6547, 84.6944



29.5559, 25.1483, 47.5527



8.5637, 8.7414, 11.3153



6.0652, 2.4379, 31.4040



0.2287, 0.0936, 1.1078

Inverse Universe

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



34.7623, 27.8677, 46.1950



60.0374, 44.7574, 82.1219



33.1279, 41.4830, 25.6639



9.3600, 9.1544, 11.2430



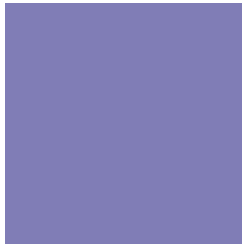
18.9183, 9.1411, 28.5205



0.6732, 0.3248, 1.0384

Previews

White Background



This preview shows how the XYZ color 24.6792, 22.6338, 47.3240 looks on a white background.

Color Contrast Check

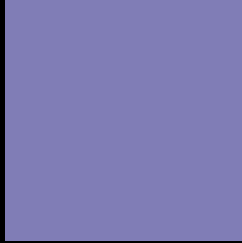
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6792, 22.6338, 47.3240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

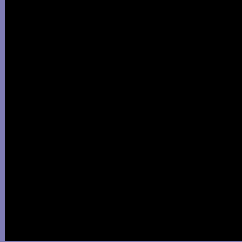
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.6792, 22.6338, 47.3240

Background



This preview shows how black text looks on a background with the XYZ color 24.6792, 22.6338, 47.3240.



This preview shows how white text looks on a background with the XYZ color 24.6792, 22.6338,

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

24.6792, 22.6338, 47.3240

Protanopia

23.4173, 22.7140, 49.0490

Deuteranopia

23.1302, 22.6141, 46.8619



Tritanopia

21.0912, 22.7513, 29.2664

Trichromacy



Original Color

24.6792, 22.6338, 47.3240

Protanomaly

23.8421, 22.7506, 48.4821

Deuteranomaly

23.6674, 22.6965, 46.8495

Tritanomaly

22.2368, 22.6105, 35.0906

Monochromacy



Original Color

24.6792, 22.6338, 47.3240

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.7154, 22.7278, 32.0438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6792, 22.6338, 47.3240 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(128, 125, 182)` looks like.

```
.text, #text, p{  
    color:rgb(128, 125, 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(128, 125, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 125, 182) }
```

Border

The CSS property to change the border of an element to XYZ 24.6792, 22.6338, 47.3240 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(128, 125, 182) }
```


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

```
.border{ border-color:rgb(128, 125, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 125, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 125, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 125, 182);  
box-shadow:4px 4px 4px 4px rgb(128, 125,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6792, 22.6338, 47.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 125, 182) }
```

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

```
.background{ background-color: rgb(128,  
125, 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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