

Converting Colors

XYZ(23.2378, 22.0062, 42.0528)

Have a look what the booklet for
XYZ(23.2378, 22.0062, 42.0528)
contains.

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Color

**XYZ(23.2375, 22.0058,
42.0525)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 7D7DAC |
| RGB | 125, 125, 172 |
| RGB Percent | 49%, 49%, 67% |
| CMY | 0.5098, 0.5098, 0.3255 |
| CMYK | 0.27, 0.27, 0.00, 0.33 |
| HSL | 240°, 22%, 58% |
| HSV | 240°, 27%, 67% |
| XYZ | 23.2375, 22.0058, 42.0525 |
| YIQ | 130.3580, -15.0870, 14.6170 |

Conversions

Conversions Part 2

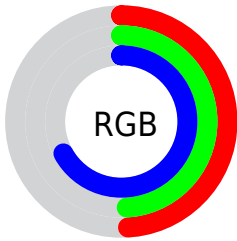
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 125, 125, 172 |
| Decimal | 8224172 |
| CIE Lab | 54.03, 10.78, -24.90 |
| CIE LCh | 54, 27.135, 293.407 |
| Yxy | 22.0058, 0.2662, 0.2521 |
| Android (android.graphics.Color) | 4286414252 (0xFF7D7DAC) |
| YUV | 130.3580, 20.5295, -4.6990 |
| Hunter-Lab | 46.9103, 6.3286, -20.3129 |

Details

The XYZ color **23.2375, 22.0058, 42.0525** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **35.4678, 39.7567, 25.2073**, and the grayscale version is **21.2788, 22.3870, 24.3794**.

A 20% lighter version of the original color is **48.5144, 47.0259, 79.9187**, and **8.8763, 8.0208, 18.8496** is the 20% darker color. If you saturate the color by 10%, you get **18.9486, 16.8379, 41.2814**, and if you desaturate by 10%, it is **28.3398, 28.1537, 42.9706**.

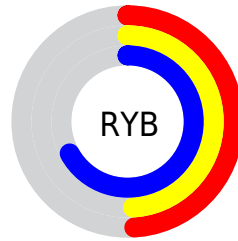
Distribution



Red (49%)

Green (49%)

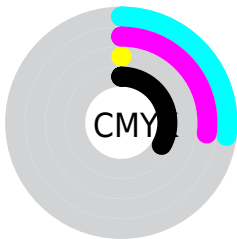
Blue (67%)



Red (49%)

Yellow (49%)

Blue (67%)

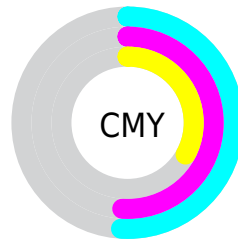


Cyan (27%)

Magenta (27%)

Yellow (0%)

Black (33%)



Cyan (51%)

Magenta (51%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2375, 22.0058, 42.0525 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 23.2375, 22.0058, 42.0525 by changing the saturation by 10% instead.

■ 23.2375, 22.0058,
42.0525

■ 23.2375, 22.0058,
42.0525

261.4551,
262.5766, 370.5066

■ 14.8906, 13.8612,
28.8165

■ 48.2468, 46.7556,
79.5500

■ 8.8285, 8.0242,
18.6977

■ 65.6399, 64.1295,
104.6487

■ 4.6857, 4.1104,
11.2774

■ 86.7792, 85.3487,
134.5386

■ 2.0969, 1.7355,
6.1373

112.0300,
110.7974, 169.6383

■ 0.6875, 0.4465,
2.8586

141.7576,
140.8602, 210.3665

■ 0.0000, 0.0000,
1.0229

176.3274,

■ 0.0000, 0.0000,

175.9214, 257.1416

0.0000

216.1048,
216.3654, 310.3821

■ 23.2375, 22.0058,
42.0525

■ 23.2375, 22.0058,
42.0525

■ 18.9486, 16.8379,
41.2814

■ 28.3398, 28.1537,
42.9706

■ 15.4290, 12.5970,
40.6484

■ 34.2920, 35.3257,
44.0412

■ 12.6338, 9.2290,
40.1456

■ 41.1313, 43.5666,
45.2714

■ 10.5127, 6.6732,
39.7641

■ 48.8919, 52.9176,
46.6673

■ 9.0089, 4.8612,
39.4936

■ 57.6062, 63.4177,
48.2348

■ 8.0561, 3.7132,
39.3222

■ 67.3050, 75.1041,
49.9793

■ 7.5540, 3.1082,
39.2319

■ 78.0177, 88.0123,
51.9062

■ 7.4465, 2.9786,
39.2125

■ 84.4465, 95.7586,
53.0625

Harmonies

Analogous

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



20.2749, 22.0058, 43.8564



23.2375, 22.0058, 42.0525



25.7792, 22.0058, 34.9380

Triad

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



23.2375, 22.0058, 42.0525



24.4617, 22.0058, 13.1903



15.7982, 22.0058, 22.1532

Complementary

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



23.2375, 22.0058, 42.0525



35.4678, 39.7567, 25.2073

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.



16.7062, 22.0058, 15.5633



23.2375, 22.0058, 42.0525



21.5702, 22.0058, 11.2294

Square

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



23.2375, 22.0058, 42.0525



26.5309, 22.0058, 18.0993



18.7542, 22.0058, 11.9833



16.1549, 22.0058, 30.9676

Rectangle

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



23.2375, 22.0058, 42.0525



26.8004, 22.0058, 28.8761



18.7542, 22.0058, 11.9833



15.9626, 22.0058, 19.6371

Sweetspot

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



23.2382, 22.0067, 42.0530



61.2664, 62.9483, 79.7269



30.5819, 36.8141, 44.1308



12.9521, 13.2433, 17.2613



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



23.2382, 22.0067, 42.0530



37.1127, 33.8447, 75.3824



26.9422, 23.9161, 42.2263



7.5789, 7.7572, 10.0505



5.5413, 2.2166, 29.1803



0.1542, 0.0617, 0.8118

Inverse Universe

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



28.0492, 24.9193, 22.7345



47.3597, 40.0485, 34.2355



30.9010, 37.4024, 24.9936



8.0053, 8.0154, 8.3386



12.6607, 6.5268, 0.5925



0.3522, 0.1816, 0.0165

Previews

White Background



This preview shows how the XYZ color 23.2375, 22.0058, 42.0525 looks on a white background.

Color Contrast Check

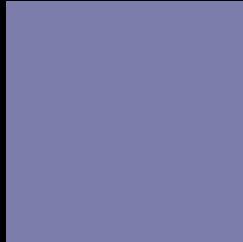
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.2375, 22.0058, 42.0525 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 23.2375, 22.0058, 42.0525

Background



This preview shows how black text looks on a background with the XYZ color 23.2375, 22.0058, 42.0525.



This preview shows how white text looks on a background with the XYZ color 23.2375, 22.0058,

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

23.2375, 22.0058, 42.0525

Protanopia

22.4318, 21.9477, 43.0985

Deuteranopia

22.5070, 22.0089, 42.0916



Tritanopia

20.5318, 22.0776, 28.3786

Trichromacy



Original Color

23.2375, 22.0058, 42.0525

Protanomaly

22.6114, 21.8608, 42.5630

Deuteranomaly

22.7924, 21.9652, 42.0681

Tritanomaly

21.4029, 22.0325, 32.8304

Monochromacy



Original Color

23.2375, 22.0058, 42.0525

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.7321, 22.0719, 29.9030

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2375, 22.0058, 42.0525 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(125, 125, 172)` looks like.

```
.text, #text, p{  
    color:rgb(125, 125, 172)  
}
```

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(125, 125, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 125, 172) }
```

Border

The CSS property to change the border of an element to XYZ 23.2375, 22.0058, 42.0525 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(125, 125, 172) }
```


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

```
.border{ border-color:rgb(125, 125, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 125, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 125, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 125, 172);  
box-shadow:4px 4px 4px 4px rgb(125, 125,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2375, 22.0058, 42.0525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 125, 172) }
```

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

```
.background{ background-color: rgb(125,  
125, 172) }
```

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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