

Converting Colors

XYZ(14.4362, 12.8703, 22.8600)

Have a look what the booklet for
XYZ(14.4362, 12.8703, 22.8600)
contains.

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Color

**XYZ(14.4624, 12.9321,
22.8530)**

Conversions

Conversions Part 1

Format	Color
Hex	6E5E82
RGB	110, 94, 130
RGB Percent	43%, 37%, 51%
CMY	0.5686, 0.6314, 0.4902
CMYK	0.15, 0.28, 0.00, 0.49
HSL	267°, 16%, 44%
HSV	267°, 28%, 51%
XYZ	14.4624, 12.9321, 22.8530
YIQ	102.8880, -2.0200, 14.5880

Conversions

Conversions Part 2

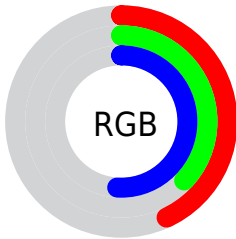
Format	Color
R_{YB}	110, 94, 130
Decimal	7233154
CIE _{Lab}	42.66, 14.09, -17.72
CIE _{LCh}	43, 22.635, 308.486
Yxy	12.9321, 0.2878, 0.2574
Android (android.graphics.Color)	4285423234 (0xFF6E5E82)
YUV	102.8880, 13.3662, 6.2372
Hunter-Lab	35.9612, 8.8546, -12.5053

Details

The XYZ color **14.4624, 12.9321, 22.8530** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **16.9428, 20.3511, 13.6254**, and the grayscale version is **12.8291, 13.4972, 14.6984**.

A 20% lighter version of the original color is **33.4208, 31.0468, 49.0309**, and **4.5288, 3.7321, 8.2663** is the 20% darker color. If you saturate the color by 10%, you get **12.5401, 10.3674, 22.4595**, and if you desaturate by 10%, it is **16.6535, 15.9250, 23.3154**.

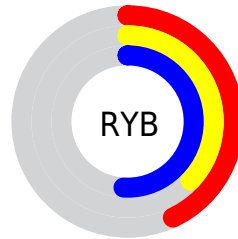
Distribution



Red (43%)

Green (37%)

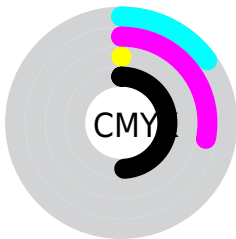
Blue (51%)



Red (43%)

Yellow (37%)

Blue (51%)

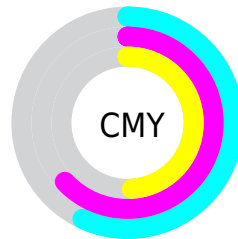


Cyan (15%)

Magenta (28%)

Yellow (0%)

Black (49%)



Cyan (57%)

Magenta (63%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4624, 12.9321, 22.8530 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 14.4624, 12.9321, 22.8530 by changing the saturation by 10% instead.

■ 14.4624, 12.9321,
22.8530

■ 14.4624, 12.9321,
22.8530

213.5423,
210.4821, 280.0665

■ 8.5268, 7.3818,
14.2807

■ 33.4867, 31.1817,
49.0720

■ 4.4885, 3.7020,
8.1752

■ 47.3062, 44.6499,
67.5557

■ 1.9820, 1.5083,
4.1179

■ 64.4843, 61.5261,
90.1804

■ 0.6238, 0.2946,
1.6902

■ 85.3864, 82.1948,
117.3646

■ 0.0000, 0.0000,
0.3540

110.3779,
107.0403, 149.5267

■ 0.0000, 0.0000,
0.0000

139.8242,

136.4471, 187.0854

174.0905,
170.7996, 230.4591

■ 14.4624, 12.9321,
22.8530

■ 14.4624, 12.9321,
22.8530

■ 12.5401, 10.3674,
22.4595

■ 16.6535, 15.9250,
23.3154

■ 10.8740, 8.2091,
22.1307

■ 19.1229, 19.3636,
23.8490

■ 9.4519, 6.4354,
21.8633

■ 21.8811, 23.2663,
24.4569

■ 8.2603, 5.0221,
21.6533

■ 24.9378, 27.6498,
25.1419

■ 7.2843, 3.9420,
21.4963

■ 28.3020, 32.5302,
25.9066

■ 6.5067, 3.1640,
21.3871

■ 31.9825, 37.9227,
26.7535

■ 5.8921, 2.6204,
21.3145

■ 35.9877, 43.8419,
27.6849

■ 5.7614, 2.5046,
21.2991

■ 40.3256, 50.3018,
28.7032

■ 45.0039, 57.3158,
29.8104

Harmonies

Analogous

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



12.7851, 12.9321, 25.6535



14.4624, 12.9321, 22.8530



15.6254, 12.9321, 17.8402

Triad

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



14.4624, 12.9321, 22.8530



13.5423, 12.9321, 6.9899



9.3073, 12.9321, 15.5224

Complementary

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



14.4624, 12.9321, 22.8530



16.9428, 20.3511, 13.6254

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.



9.4692, 12.9321, 10.8906



14.4624, 12.9321, 22.8530



11.8109, 12.9321, 6.6475

Square

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



14.4624, 12.9321, 22.8530



15.0608, 12.9321, 8.9789



10.3496, 12.9321, 7.9014



9.8845, 12.9321, 20.8215

Rectangle

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



14.4624, 12.9321, 22.8530



15.8955, 12.9321, 14.3322



10.3496, 12.9321, 7.9014



9.2782, 12.9321, 13.8325

Sweetspot

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



14.4628, 12.9326, 22.8533



33.4516, 33.7849, 41.9505



14.7083, 16.1169, 23.4550



7.4364, 7.4576, 9.4659



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



14.4628, 12.9326, 22.8533



23.3640, 19.9514, 39.8121



16.8744, 14.1758, 22.9661



4.2761, 4.2980, 5.4175



5.5318, 2.4055, 20.4227



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.2463, 13.9666, 17.7595



27.0956, 22.1167, 29.0728



14.8695, 19.2823, 13.5284



4.4199, 4.3811, 5.0158



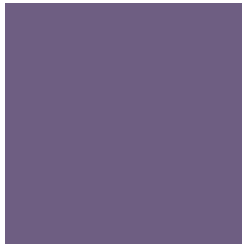
9.9590, 5.0033, 6.3740



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.4624, 12.9321, 22.8530 looks on a white 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

Black Background



This preview shows how the XYZ color 14.4624, 12.9321, 22.8530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

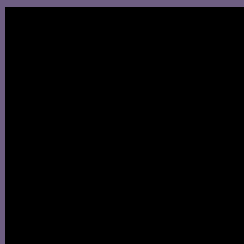
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.4624, 12.9321, 22.8530

Background



This preview shows how black text looks on a background with the XYZ color 14.4624, 12.9321, 22.8530.



This preview shows how white text looks on a background with the XYZ color 14.4624, 12.9321,

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

14.4624, 12.9321, 22.8530

Protanopia

13.1746, 13.0597, 24.3807

Deuteranopia

13.2482, 12.9955, 22.5790



Tritanopia

12.9131, 12.8401, 15.4335

Trichromacy



Original Color

14.4624, 12.9321, 22.8530

Protanomaly

13.6383, 13.0255, 23.9857

Deuteranomaly

13.6040, 12.9011, 22.5420

Tritanomaly

13.4326, 12.9130, 18.0041

Monochromacy



Original Color

14.4624, 12.9321, 22.8530

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.4817, 13.3708, 17.4930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4624, 12.9321, 22.8530 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(110, 94, 130)` looks like.

```
.text, #text, p{  
    color:rgb(110, 94, 130)  
}
```

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(110, 94, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 94, 130) }
```

Border

The CSS property to change the border of an element to XYZ 14.4624, 12.9321, 22.8530 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(110, 94, 130) }
```


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

```
.border{ border-color:rgb(110, 94, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 94, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 94, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 94, 130); box-shadow:4px 4px 4px 4px rgb(110, 94, 130) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4624, 12.9321, 22.8530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 94, 130) }
```

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

```
.background{ background-color: rgb(110, 94,  
130) }
```

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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