

Converting Colors

XYZ(14.2397, 12.7120, 22.2709)

Have a look what the booklet for
XYZ(14.2397, 12.7120, 22.2709)
contains.

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Color

**XYZ(14.2410, 12.7022,
22.1233)**

Conversions

Conversions Part 1

Format	Color
Hex	6E5D80
RGB	110, 93, 128
RGB Percent	43%, 36%, 50%
CMY	0.5686, 0.6353, 0.4980
CMYK	0.14, 0.27, 0.00, 0.50
HSL	269°, 16%, 43%
HSV	269°, 27%, 50%
XYZ	14.2410, 12.7022, 22.1233
YIQ	102.0730, -1.1030, 14.4890

Conversions

Conversions Part 2

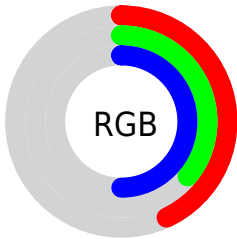
Format	Color
R_{YB}	110, 93, 128
Decimal	7232896
CIE _{Lab}	42.31, 14.22, -17.04
CIE _{LCh}	42, 22.198, 309.850
Yxy	12.7022, 0.2902, 0.2589
Android (android.graphics.Color)	4285422976 (0xFF6E5D80)
YUV	102.0730, 12.7820, 6.9520
Hunter-Lab	35.6401, 8.9543, -11.8556




Details

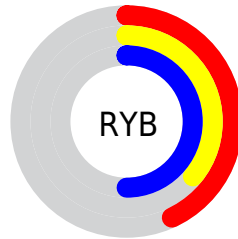
The XYZ color **14.2410, 12.7022, 22.1233** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **16.2510, 19.6085, 13.2848**, and the grayscale version is **12.6166, 13.2736, 14.4549**.




A 20% lighter version of the original color is **33.0632, 30.6625, 47.8919**, and **4.4144, 3.6217, 7.8635** is the 20% darker color. If you saturate the color by 10%, you get **12.4214, 10.2339, 21.7430**, and if you desaturate by 10%, it is **16.3104, 15.5791, 22.5697**.

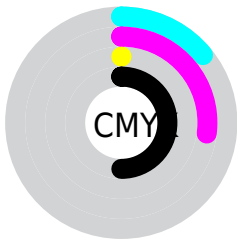
Distribution







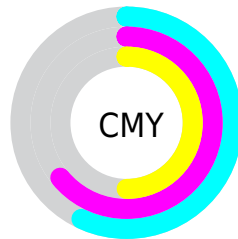
-  Red (43%)
-  Green (36%)
-  Blue (50%)






-  Red (43%)
-  Yellow (36%)
-  Blue (50%)



-  Cyan (14%)
-  Magenta (27%)
-  Yellow (0%)
-  Black (50%)



-  Cyan (57%)
-  Magenta (64%)
-  Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2410, 12.7022, 22.1233 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 14.2410, 12.7022, 22.1233 by changing the saturation by 10% instead.

■ 14.2410, 12.7022,
22.1233

■ 14.2410, 12.7022,
22.1233

212.2057,
209.0002, 276.1640

■ 8.3713, 7.2238,
13.7483

■ 33.0987, 30.7677,
47.8545

■ 4.3872, 3.6025,
7.8091

■ 46.8175, 44.1236,
66.0478

■ 1.9235, 1.4538,
3.8870

■ 63.8833, 60.8742,
88.3510

■ 0.5904, 0.2558,
1.5636

■ 84.6615, 81.4038,
115.1826

■ 0.0000, 0.0000,
0.2646

109.5175,
106.0968, 146.9612

■ 0.0000, 0.0000,
0.0000

138.8167,

135.3376, 184.1052

172.9243,
169.5106, 227.0333

■ 14.2410, 12.7022,
22.1233

■ 14.2410, 12.7022,
22.1233

■ 12.4214, 10.2339,
21.7430

■ 16.3104, 15.5791,
22.5697

■ 10.8396, 8.1532,
21.4247

■ 18.6383, 18.8811,
23.0844

■ 9.4846, 6.4396,
21.1654

■ 21.2345, 22.6256,
23.6703

■ 8.3438, 5.0700,
20.9612

■ 24.1080, 26.8288,
24.3302

■ 7.4032, 4.0187,
20.8078

■ 27.2671, 31.5057,
25.0664

6.6467, 3.2560,
20.7005

30.7200, 36.6709,
25.8814

6.0423, 2.7196,
20.6288

34.4745, 42.3382,
26.7774

5.8935, 2.5881,
20.6112

38.5379, 48.5210,
27.7566

42.9176, 55.2321,
28.8212

Harmonies

Analogous

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



12.6286, 12.7022, 24.9626



14.2410, 12.7022, 22.1233



15.3320, 12.7022, 17.2324

Triad

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



14.2410, 12.7022, 22.1233



13.2088, 12.7022, 6.8896



9.1877, 12.7022, 15.4577

Complementary

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



14.2410, 12.7022, 22.1233



16.2510, 19.6085, 13.2848

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.



9.3121, 12.7022, 10.9087



14.2410, 12.7022, 22.1233



11.5340, 12.7022, 6.6256

Square

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



14.2410, 12.7022, 22.1233



14.6991, 12.7022, 8.7516



10.1371, 12.7022, 7.9222



9.7800, 12.7022, 20.5706

Rectangle

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



14.2410, 12.7022, 22.1233



15.5627, 12.7022, 13.8545



10.1371, 12.7022, 7.9222



9.1485, 12.7022, 13.8066

Sweetspot

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



14.2414, 12.7027, 22.1236



32.4522, 32.7237, 40.5622



14.1045, 15.2732, 22.6270



7.4656, 7.4726, 9.4672



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.



14.2414, 12.7027, 22.1236



22.9684, 19.4951, 38.5086



16.6256, 13.9318, 22.2352



4.2921, 4.3062, 5.4182



5.8454, 2.5671, 20.4374



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.6861, 13.5661, 16.8314



26.0374, 21.3298, 27.2414



14.2689, 18.5867, 13.1921



4.4129, 4.3783, 4.9786



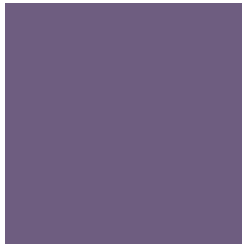
9.7979, 4.9389, 5.5256



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.2410, 12.7022, 22.1233 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 14.2410, 12.7022, 22.1233 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 14.2410, 12.7022, 22.1233

Background



This preview shows how black text looks on a background with the XYZ color 14.2410, 12.7022, 22.1233.



This preview shows how white text looks on a background with the XYZ color 14.2410, 12.7022,

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

14.2410, 12.7022, 22.1233

Protanopia

12.9411, 12.8138, 23.6210

Deuteranopia

13.0223, 12.7545, 21.8542



Tritanopia

12.7684, 12.6335, 15.1301

Trichromacy



Original Color

14.2410, 12.7022, 22.1233

Protanomaly

13.4084, 12.7848, 23.2337

Deuteranomaly

13.3805, 12.6647, 21.8180

Tritanomaly

13.2269, 12.6838, 17.3739

Monochromacy



Original Color

14.2410, 12.7022, 22.1233

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.1568, 13.0746, 16.8691

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2410, 12.7022, 22.1233 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, 93, 128)` looks like.

```
.text, #text, p{  
    color:rgb(110, 93, 128)  
}
```

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, 93, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 93, 128) }
```

Border

The CSS property to change the border of an element to XYZ 14.2410, 12.7022, 22.1233 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, 93, 128) }
```


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

```
.border{ border-color:rgb(110, 93, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 93, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 93, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 93, 128); box-shadow:4px 4px 4px 4px rgb(110, 93, 128) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2410, 12.7022, 22.1233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 93, 128) }
```

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

```
.background{ background-color: rgb(110, 93,  
128) }
```

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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