

Converting Colors

XYZ(12.1046, 10.1754, 13.3342)

Have a look what the booklet for
XYZ(12.1046, 10.1754, 13.3342)
contains.

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Color

**XYZ(12.0357, 10.0895,
13.3697)**

Conversions

Conversions Part 1

Format	Color
Hex	724F64
RGB	114, 79, 100
RGB Percent	45%, 31%, 39%
CMY	0.5529, 0.6902, 0.6078
CMYK	0.00, 0.31, 0.12, 0.55
HSL	324°, 18%, 38%
HSV	324°, 31%, 45%
XYZ	12.0357, 10.0895, 13.3697
YIQ	91.8590, 14.1190, 13.9510

Conversions

Conversions Part 2

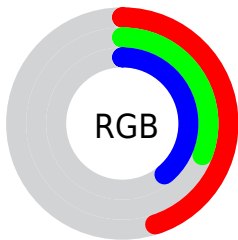
Format	Color
R_{YB}	114, 79, 100
Decimal	7491428
CIE Lab	38.00, 18.31, -6.30
CIE LCh	38, 19.365, 341.017
Yxy	10.0895, 0.3391, 0.2843
Android (android.graphics.Color)	4285681508 (0xFF724F64)
YUV	91.8590, 4.0135, 19.4177
Hunter-Lab	31.7640, 12.0486, -2.7208

Details

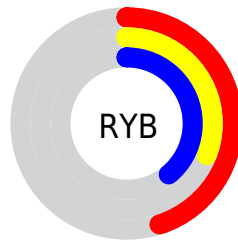
The XYZ color **12.0357, 10.0895, 13.3697** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **11.2180, 14.4876, 12.5618**, and the grayscale version is **10.1293, 10.6568, 11.6053**.

A 20% lighter version of the original color is **29.1621, 26.0419, 32.7677**, and **3.3946, 2.5249, 3.6766** is the 20% darker color. If you saturate the color by 10%, you get **11.0683, 8.4981, 11.9886**, and if you desaturate by 10%, it is **13.1571, 11.9689, 14.8633**.

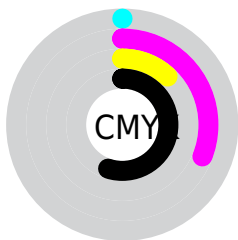
Distribution



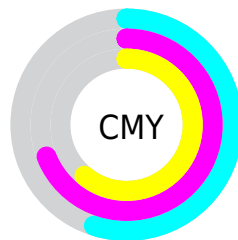
- Red (45%)
- Green (31%)
- Blue (39%)



- Red (45%)
- Yellow (31%)
- Blue (39%)



- Cyan (0%)
- Magenta (31%)
- Yellow (12%)
- Black (55%)



- Cyan (55%)
- Magenta (69%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.0357, 10.0895, 13.3697 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 12.0357, 10.0895, 13.3697 by changing the saturation by 10% instead.

■ 12.0357, 10.0895,
13.3697

■ 12.0357, 10.0895,
13.3697

198.4066,
191.3097, 224.5640

■ 6.8404, 5.4583,
7.5499

■ 29.1764, 25.9637,
32.6673

■ 3.4079, 2.5186,
3.7247

■ 41.8525, 37.9755,
46.9821

■ 1.3730, 0.8859,
1.4756

■ 57.7529, 53.2164,
64.9657

■ 0.2368, 0.0000,
0.1996

■ 77.2429, 72.0706,
87.0366

■ 0.0000, 0.0000,
0.0000

■ 100.6879, 94.9227,
113.6133

128.4533,

122.1570, 145.1145

160.9044,
154.1578, 181.9585

■ 12.0357, 10.0895,
13.3697

■ 12.0357, 10.0895,
13.3697

■ 11.0683, 8.4981,
11.9886

■ 13.1571, 11.9689,
14.8633

■ 10.2467, 7.1788,
10.7159

■ 14.4384, 14.1483,
16.4722

■ 9.5630, 6.1163,
9.5482

■ 15.8865, 16.6408,
18.1994

■ 9.0085, 5.2932,
8.4815

■ 17.5074, 19.4582,
20.0481

■ 8.5731, 4.6900,
7.5114

■ 19.3070, 22.6118,
22.0211

8.2453, 4.2840,
6.6329

21.2906, 26.1124,
24.1210

7.9951, 3.9997,
5.8832

23.4635, 29.9700,
26.3504

25.8308, 34.1946,
28.7120

28.3974, 38.7956,
31.2081

Harmonies

Analogous

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



11.2478, 10.0895, 17.0116



12.0357, 10.0895, 13.3697



12.1361, 10.0895, 9.7272

Triad

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



12.0357, 10.0895, 13.3697



9.1396, 10.0895, 5.5377



7.8949, 10.0895, 16.1262

Complementary

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



12.0357, 10.0895, 13.3697



11.2180, 14.4876, 12.5618

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.



7.4271, 10.0895, 12.3484



12.0357, 10.0895, 13.3697



8.1032, 10.0895, 6.5831

Square

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



12.0357, 10.0895, 13.3697



10.3896, 10.0895, 5.6952



7.4999, 10.0895, 8.9035



8.8321, 10.0895, 18.8258

Rectangle

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



12.0357, 10.0895, 13.3697



11.7907, 10.0895, 7.8187



7.4999, 10.0895, 8.9035



7.6814, 10.0895, 14.9098

Sweetspot

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



12.0360, 10.0900, 13.3699



25.7272, 25.4704, 29.3785



10.3479, 9.1346, 17.1376



5.8852, 5.7798, 6.7156



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



12.0360, 10.0900, 13.3699



19.8910, 15.6530, 21.7147



11.2779, 9.7867, 9.3779



3.4606, 3.4320, 3.9523



8.8916, 4.4490, 6.5050



43.8585, 21.9887, 30.1168

Inverse Universe

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



12.0360, 10.0900, 13.3699



19.8910, 15.6530, 21.7147



12.0839, 14.8339, 17.1216



3.4606, 3.4320, 3.9523



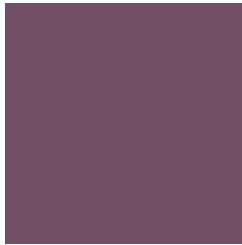
8.8916, 4.4490, 6.5050



43.8585, 21.9887, 30.1168

Previews

White Background



This preview shows how the XYZ color 12.0357, 10.0895, 13.3697 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 12.0357, 10.0895, 13.3697 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 12.0357, 10.0895, 13.3697

Background



This preview shows how black text looks on a background with the XYZ color 12.0357, 10.0895, 13.3697.



This preview shows how white text looks on a background with the XYZ color 12.0357, 10.0895,

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

12.0357, 10.0895, 13.3697

Protanopia

10.0116, 10.1638, 15.0698

Deuteranopia

10.2289, 10.0779, 12.9614



Tritanopia

11.3448, 10.0177, 10.3525

Trichromacy



Original Color

12.0357, 10.0895, 13.3697

Protanomaly

10.5711, 9.9833, 14.4665

Deuteranomaly

10.7893, 10.0082, 13.1675

Tritanomaly

11.6105, 10.0207, 11.4475

Monochromacy



Original Color

12.0357, 10.0895, 13.3697

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

10.7293, 10.3519, 12.2591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.0357, 10.0895, 13.3697 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(114, 79, 100)` looks like.

```
.text, #text, p{  
    color:rgb(114, 79, 100)  
}
```

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(114, 79, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 79, 100) }
```

Border

The CSS property to change the border of an element to XYZ 12.0357, 10.0895, 13.3697 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(114, 79, 100) }
```


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

```
.border{ border-color:rgb(114, 79, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 79, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 79, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 79, 100);  
box-shadow:4px 4px 4px 4px rgb(114, 79,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 12.0357, 10.0895, 13.3697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 79, 100) }
```

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

```
.background{ background-color: rgb(114, 79,  
100) }
```

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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