

Converting Colors

XYZ(12.3624, 9.5573, 17.1138)

Have a look what the booklet for
XYZ(12.3624, 9.5573, 17.1138)
contains.

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Color

**XYZ(12.3592, 9.5574,
17.1129)**

Conversions

Conversions Part 1

Format	Color
Hex	724972
RGB	114, 73, 114
RGB Percent	45%, 29%, 45%
CMY	0.5529, 0.7137, 0.5529
CMYK	0.00, 0.36, 0.00, 0.55
HSL	300°, 22%, 37%
HSV	300°, 36%, 45%
XYZ	12.3592, 9.5574, 17.1129
YIQ	89.9330, 11.2750, 21.4430

Conversions

Conversions Part 2

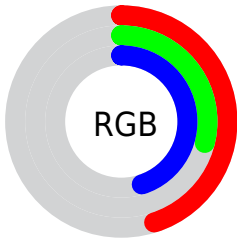
Format	Color
RYB	114, 73, 114
Decimal	7489906
CIELab	37.04, 24.71, -16.49
CIElCh	37, 29.705, 326.279
Yxy	9.5574, 0.3167, 0.2449
Android (android.graphics.Color)	4285679986 (0xFF724972)
YUV	89.9330, 11.8650, 21.1068
Hunter-Lab	30.9150, 17.2593, -11.1792

Details

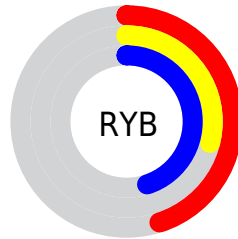
The XYZ color **12.3592, 9.5574, 17.1129** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **9.9679, 13.9324, 8.4677**, and the grayscale version is **9.6760, 10.1799, 11.0859**.

A 20% lighter version of the original color is **29.7788, 24.8877, 39.3107**, and **3.5553, 2.3010, 5.4110** is the 20% darker color. If you saturate the color by 10%, you get **11.6779, 8.1946, 16.8859**, and if you desaturate by 10%, it is **13.1785, 11.1957, 17.3861**.

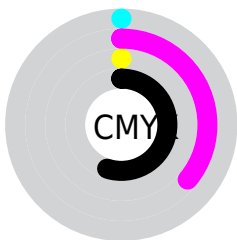
Distribution



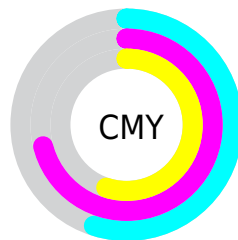
- Red (45%)
- Green (29%)
- Blue (45%)



- Red (45%)
- Yellow (29%)
- Blue (45%)



- Cyan (0%)
- Magenta (36%)
- Yellow (0%)
- Black (55%)





- Cyan (55%)
- Magenta (71%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 12.3592, 9.5574, 17.1129 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 12.3592, 9.5574, 17.1129 by changing the saturation by 10% instead.


 12.3592, 9.5574,
17.1129


 12.3592, 9.5574,
17.1129


200.4907,
187.4833, 247.8881


 7.0627, 5.1065,
10.1522


 29.7589, 24.9596,
39.3131


 3.5480, 2.3099,
5.3931

 42.5928, 36.6797,
55.3897


 1.4498, 0.7789,
2.4169

 58.6699, 51.5917,
75.3420

 0.2913, 0.0000,
0.7956

 78.3555, 70.0799,
99.5885

 0.0000, 0.0000,
0.0000

 102.0151, 92.5288,
128.5479

130.0139,

119.3228, 162.6386

162.7173,
150.8461, 202.2791

■ 12.3592, 9.5574,
17.1129

■ 12.3592, 9.5574,
17.1129

■ 11.6779, 8.1946,
16.8859

■ 13.1785, 11.1957,
17.3861

■ 11.1261, 7.0909,
16.7019

■ 14.1417, 13.1222,
17.7072

■ 10.6958, 6.2305,
16.5585

■ 15.2557, 15.3501,
18.0785

■ 10.3780, 5.5948,
16.4525

■ 16.5265, 17.8917,
18.5022

■ 10.1621, 5.1630,
16.3806

■ 17.9598, 20.7585,
18.9800

■ 10.0267, 4.8923,
16.3354

■ 19.5612, 23.9612,
19.5138

■ 9.9768, 4.7923,
16.3188

■ 21.3359, 27.5105,
20.1053

■ 23.2887, 31.4161,
20.7563

■ 25.4245, 35.6877,
21.4682

Harmonies

Analogous

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



10.7438, 9.5574, 22.4058



12.3592, 9.5574, 17.1129



13.0957, 9.5574, 11.0785

Triad

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



12.3592, 9.5574, 17.1129



9.3158, 9.5574, 3.2123



6.2644, 9.5574, 15.5733

Complementary

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



12.3592, 9.5574, 17.1129



9.9679, 13.9324, 8.4677

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.



5.9887, 9.5574, 9.7620



12.3592, 9.5574, 17.1129



7.6047, 9.5574, 3.7045

Square

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



12.3592, 9.5574, 17.1129



11.1951, 9.5574, 4.0450



6.4455, 9.5574, 5.7306



7.2565, 9.5574, 21.3262

Rectangle

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



12.3592, 9.5574, 17.1129



12.9248, 9.5574, 7.8145



6.4455, 9.5574, 5.7306



6.0912, 9.5574, 13.5160

Sweetspot

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



12.3595, 9.5578, 17.1131



25.7333, 24.8242, 31.4107



8.1679, 7.3970, 16.9170



5.9070, 5.6525, 7.2494



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.



12.3595, 9.5578, 17.1131



20.7259, 14.8093, 29.7415



11.3203, 9.1421, 11.6408



3.5144, 3.4535, 4.2356



11.1060, 5.3348, 18.1658



55.3237, 26.5748, 90.4917

Inverse Universe

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



12.3595, 9.5578, 17.1131



20.7259, 14.8093, 29.7415



10.7633, 14.2506, 12.6562



3.5144, 3.4535, 4.2356



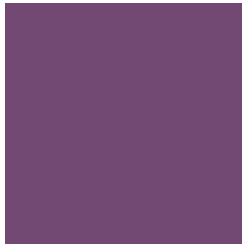
11.1060, 5.3348, 18.1658



55.3237, 26.5748, 90.4917

Previews

White Background



This preview shows how the XYZ color 12.3592, 9.5574, 17.1129 looks on a white background.

Color Contrast Check

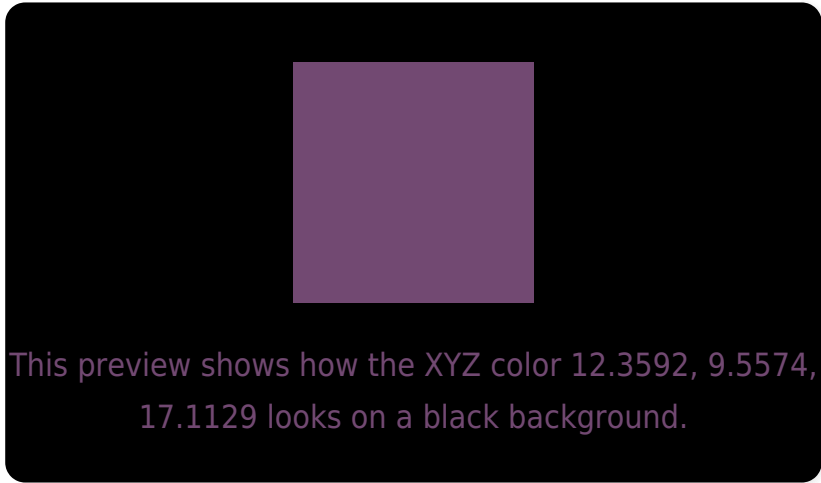
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

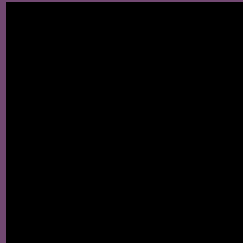
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 12.3592, 9.5574, 17.1129

Background



This preview shows how black text looks on a background with the XYZ color 12.3592, 9.5574, 17.1129.



This preview shows how white text looks on a background with the XYZ color 12.3592, 9.5574,

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

12.3592, 9.5574, 17.1129

Protanopia

9.9464, 9.6473, 20.4067

Deuteranopia

9.8197, 9.6644, 16.6771



Tritanopia

10.8661, 9.5628, 9.8674

Trichromacy



Original Color

12.3592, 9.5574, 17.1129

Protanomaly

10.5490, 9.4146, 19.0305

Deuteranomaly

10.5392, 9.4568, 16.8927

Tritanomaly

11.3207, 9.5318, 12.3095

Monochromacy



Original Color

12.3592, 9.5574, 17.1129

Achromatopsia

9.7181, 10.2242, 11.1341

Achromatomaly

10.5680, 9.8941, 13.1571

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.3592, 9.5574, 17.1129 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, 73, 114)` looks like.

```
.text, #text, p{  
    color:rgb(114, 73, 114)  
}
```

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, 73, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 73, 114) }
```

Border

The CSS property to change the border of an element to XYZ 12.3592, 9.5574, 17.1129 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, 73, 114) }
```


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

```
.border{ border-color:rgb(114, 73, 114) }
```

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

Here you see how a box with a 4 pixel rgb(114, 73, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 73, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 73, 114);  
box-shadow:4px 4px 4px 4px rgb(114, 73,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 12.3592, 9.5574, 17.1129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 73, 114) }
```

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

```
.background{ background-color: rgb(114, 73,  
114) }
```

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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