

Converting Colors

XYZ(14.4674, 12.1190, 18.0563)

Have a look what the booklet for
XYZ(14.4674, 12.1190, 18.0563)
contains.

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Color

**XYZ(14.4457, 12.1423,
18.1053)**

Conversions

Conversions Part 1

Format	Color
Hex	795774
RGB	121, 87, 116
RGB Percent	47%, 34%, 45%
CMY	0.5255, 0.6588, 0.5451
CMYK	0.00, 0.28, 0.04, 0.53
HSL	309°, 16%, 41%
HSV	309°, 28%, 47%
XYZ	14.4457, 12.1423, 18.1053
YIQ	100.4720, 10.9550, 16.2270

Conversions

Conversions Part 2

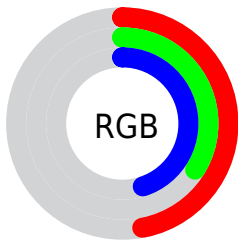
Format	Color
R_{YB}	121, 87, 116
Decimal	7952244
CIE _{Lab}	41.44, 19.24, -10.94
CIE _{LCh}	41, 22.133, 330.370
Yxy	12.1423, 0.3232, 0.2717
Android (android.graphics.Color)	4286142324 (0xFF795774)
YUV	100.4720, 7.6553, 18.0031
Hunter-Lab	34.8458, 13.0189, -6.4140

Details

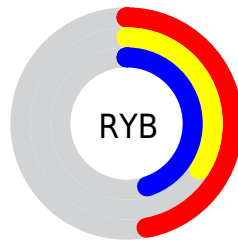
The XYZ color **14.4457, 12.1423, 18.1053** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **12.7001, 16.4740, 12.6363**, and the grayscale version is **12.2131, 12.8492, 13.9927**.

A 20% lighter version of the original color is **33.4691, 29.7171, 41.0178**, and **4.5088, 3.3809, 5.8838** is the 20% darker color. If you saturate the color by 10%, you get **13.4446, 10.3039, 17.2659**, and if you desaturate by 10%, it is **15.6138, 14.3110, 19.0104**.

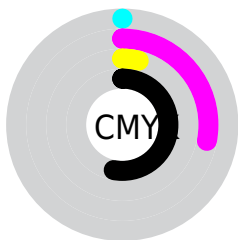
Distribution



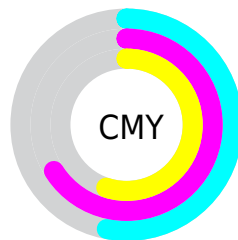
- Red (47%)
- Green (34%)
- Blue (45%)



- Red (47%)
- Yellow (34%)
- Blue (45%)



- Cyan (0%)
- Magenta (28%)
- Yellow (4%)
- Black (53%)



- Cyan (53%)
- Magenta (66%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4457, 12.1423, 18.1053 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 14.4457, 12.1423, 18.1053 by changing the saturation by 10% instead.

■ 14.4457, 12.1423,
18.1053

■ 14.4457, 12.1423,
18.1053

213.4418,
205.3451, 253.7199

■ 8.5151, 6.8407,
10.8554

■ 33.4575, 29.7540,
41.0330

■ 4.4808, 3.3627,
5.8567

■ 47.2694, 42.8329,
57.5479

■ 1.9776, 1.3239,
2.6908

■ 64.4390, 59.2729,
77.9882

■ 0.6213, 0.1596,
0.9388

■ 85.3319, 79.4586,
102.7725

■ 0.0000, 0.0000,
0.0000

■ 110.3132,
103.7743, 132.3193

139.7484,

132.6043, 167.0471

174.0028,
166.3331, 207.3744

■ 14.4457, 12.1423,
18.1053

■ 14.4457, 12.1423,
18.1053

■ 13.4446, 10.3039,
17.2659

■ 15.6138, 14.3110,
19.0104

■ 12.6011, 8.7779,
16.4886

■ 16.9553, 16.8236,
19.9831

■ 11.9068, 7.5470,
15.7707

■ 18.4779, 19.6951,
21.0260

■ 11.3517, 6.5917,
15.1089

■ 20.1881, 22.9387,
22.1414

■ 10.9251, 5.8899,
14.4994

■ 22.0925, 26.5674,
23.3315

■ 10.6142, 5.4166,
13.9380

■ 24.1971, 30.5932,
24.5984

■ 10.3858, 5.1052,
13.4136

■ 26.5078, 35.0278,
25.9441

■ 10.3437, 5.0484,
13.3153

■ 29.0301, 39.8824,
27.3705

■ 31.7693, 45.1677,
28.8794

Harmonies

Analogous

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



13.1775, 12.1423, 22.4380



14.4457, 12.1423, 18.1053



14.9208, 12.1423, 13.1637

Triad

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



14.4457, 12.1423, 18.1053



11.5209, 12.1423, 6.1904



9.0712, 12.1423, 18.2278

Complementary

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



14.4457, 12.1423, 18.1053



12.7001, 16.4740, 12.6363

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.



8.7143, 12.1423, 13.2782



14.4457, 12.1423, 18.1053



10.0457, 12.1423, 6.9530

Square

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



14.4457, 12.1423, 18.1053



13.1397, 12.1423, 6.9158



9.0542, 12.1423, 9.3049



10.0773, 12.1423, 22.5195

Rectangle

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



14.4457, 12.1423, 18.1053



14.6924, 12.1423, 10.3693



9.0542, 12.1423, 9.3049



8.8757, 12.1423, 16.5525

Sweetspot

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



14.4461, 12.1428, 18.1056



30.3359, 30.0769, 35.7656



11.2271, 10.4489, 19.5144



6.8622, 6.7378, 8.1254



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.4461, 12.1428, 18.1056



24.6262, 19.4580, 31.3942



13.5683, 11.7917, 13.4831



4.1304, 4.0679, 4.8841



11.0816, 5.4088, 14.2526



52.6153, 25.7025, 66.6957

Inverse Universe

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



14.4461, 12.1428, 18.1056



24.6262, 19.4580, 31.3942



13.5035, 16.7953, 16.8671



4.1304, 4.0679, 4.8841



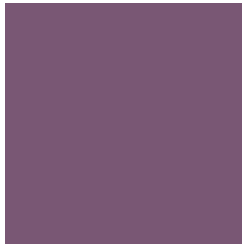
11.0816, 5.4088, 14.2526



52.6153, 25.7025, 66.6957

Previews

White Background



This preview shows how the XYZ color 14.4457, 12.1423, 18.1053 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 14.4457, 12.1423, 18.1053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

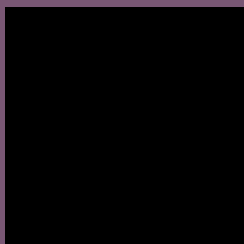
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.4457, 12.1423, 18.1053

Background



This preview shows how black text looks on a background with the XYZ color 14.4457, 12.1423, 18.1053.



This preview shows how white text looks on a background with the XYZ color 14.4457, 12.1423,

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

14.4457, 12.1423, 18.1053

Protanopia

12.2635, 12.2548, 20.4579

Deuteranopia

12.4757, 12.2900, 17.6343



Tritanopia

13.4216, 12.0973, 12.9369

Trichromacy



Original Color

14.4457, 12.1423, 18.1053

Protanomaly

12.8980, 12.0683, 19.4189

Deuteranomaly

13.1932, 12.2547, 17.8897

Tritanomaly

13.8168, 12.1373, 14.7112

Monochromacy



Original Color

14.4457, 12.1423, 18.1053

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

12.8781, 12.4132, 15.3529

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4457, 12.1423, 18.1053 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(121, 87, 116)` looks like.

```
.text, #text, p{  
    color:rgb(121, 87, 116)  
}
```

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(121, 87, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 87, 116) }
```

Border

The CSS property to change the border of an element to XYZ 14.4457, 12.1423, 18.1053 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(121, 87, 116) }
```


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

```
.border{ border-color:rgb(121, 87, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 87, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 87, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 87, 116);  
box-shadow:4px 4px 4px 4px rgb(121, 87,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4457, 12.1423, 18.1053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 87, 116) }
```

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

```
.background{ background-color: rgb(121, 87,  
116) }
```

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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