

Converting Colors

XYZ(14.7707, 10.1499, 12.7822)

Have a look what the booklet for
XYZ(14.7707, 10.1499, 12.7822)
contains.

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Color

**XYZ(14.7424, 10.1514,
12.7377)**

Conversions

Conversions Part 1

Format	Color
Hex	8B4162
RGB	139, 65, 98
RGB Percent	55%, 25%, 38%
CMY	0.4549, 0.7451, 0.6157
CMYK	0.00, 0.53, 0.29, 0.45
HSL	333°, 36%, 40%
HSV	333°, 53%, 55%
XYZ	14.7424, 10.1514, 12.7377
YIQ	90.8880, 33.5110, 25.9510

Conversions

Conversions Part 2

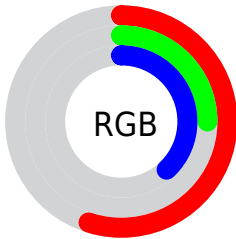
Format	Color
R_{YB}	139, 65, 98
Decimal	9126242
CIE Lab	38.11, 35.40, -4.52
CIE LCh	38, 35.688, 352.728
Yxy	10.1514, 0.3918, 0.2698
Android (android.graphics.Color)	4287316322 (0xFF8B4162)
YUV	90.8880, 3.5062, 42.1942
Hunter-Lab	31.8613, 26.8358, -1.4005

Details

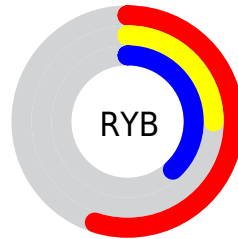
The XYZ color **14.7424, 10.1514, 12.7377** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **14.0146, 20.6300, 16.8801**, and the grayscale version is **9.9058, 10.4217, 11.3492**.

A 20% lighter version of the original color is **34.1759, 26.2628, 31.7017**, and **4.6146, 2.5404, 3.4959** is the 20% darker color. If you saturate the color by 10%, you get **13.6941, 8.6090, 10.6796**, and if you desaturate by 10%, it is **16.0227, 12.1016, 15.0460**.

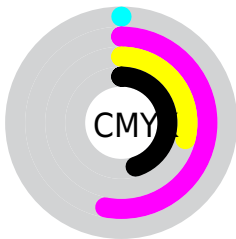
Distribution



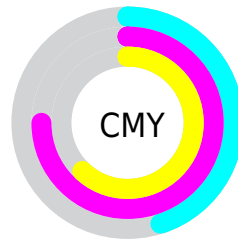
- Red (55%)
- Green (25%)
- Blue (38%)



- Red (55%)
- Yellow (25%)
- Blue (38%)



- Cyan (0%)
- Magenta (53%)
- Yellow (29%)
- Black (45%)





- Cyan (45%)
- Magenta (75%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.7424, 10.1514, 12.7377 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 14.7424, 10.1514, 12.7377 by changing the saturation by 10% instead.


 14.7424, 10.1514,
12.7377


 14.7424, 10.1514,
12.7377


215.2211,
191.7492, 220.3782


 8.7239, 5.4995,
7.1196


 33.9760, 26.0799,
31.5160


 4.6172, 2.5432,
3.4574

 47.9219, 38.1252,
45.5132


 2.0569, 0.8982,
1.3327

 65.2409, 53.4038,
63.1406

 0.6656, 0.0000,
0.0883

 86.2985, 72.3000,
84.8166

 0.0000, 0.0000,
0.0000

 111.4599, 95.1983,
110.9599

141.0906,

122.4830, 141.9888

175.5559,
154.5385, 178.3221

■ 14.7424, 10.1514,
12.7377

■ 14.7424, 10.1514,
12.7377

■ 13.6941, 8.6090,
10.6796

■ 16.0227, 12.1016,
15.0460

■ 12.8613, 7.4432,
8.8611

■ 17.5481, 14.4847,
17.6132

■ 12.2264, 6.6205,
7.2713

■ 19.3321, 17.3259,
20.4485

■ 11.7685, 6.1007,
5.8980

■ 21.3866, 20.6476,
23.5600

■ 11.5166, 5.8366,
5.0746

■ 23.7227, 24.4710,
26.9558

■ 26.3511, 28.8159,
30.6433

■ 29.2819, 33.7011,
34.6299

■ 32.5244, 39.1445,
38.9225

■ 36.0879, 45.1629,
43.5279

Harmonies

Analogous

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



13.6195, 10.1514, 20.6514



14.7424, 10.1514, 12.7377



14.3372, 10.1514, 6.8412

Triad

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



14.7424, 10.1514, 12.7377



8.0366, 10.1514, 2.9962



7.2073, 10.1514, 24.5309

Complementary

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



14.7424, 10.1514, 12.7377



14.0146, 20.6300, 16.8801

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.



6.1130, 10.1514, 16.7136



14.7424, 10.1514, 12.7377



6.5359, 10.1514, 5.0137

Square

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



14.7424, 10.1514, 12.7377



10.2201, 10.1514, 2.6414



5.8884, 10.1514, 9.5241



9.0988, 10.1514, 29.0131

Rectangle

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



14.7424, 10.1514, 12.7377



13.2814, 10.1514, 4.4873



5.8884, 10.1514, 9.5241



6.7472, 10.1514, 22.0865

Sweetspot

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



14.7427, 10.1519, 12.7379



37.1008, 35.0295, 40.4030



12.4593, 8.6911, 25.4471



8.3946, 7.8218, 9.0771



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



14.7427, 10.1519, 12.7379



24.1703, 14.9116, 18.3870



13.7117, 10.0906, 6.2266



5.1195, 5.0832, 5.7177



10.4026, 5.2712, 4.6244



0.0763, 0.0379, 0.0686

Inverse Universe

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



14.7427, 10.1519, 12.7379



24.1703, 14.9116, 18.3870



15.5464, 20.4000, 27.5445



5.1195, 5.0832, 5.7177



10.4026, 5.2712, 4.6244



0.0763, 0.0379, 0.0686

Previews

White Background



This preview shows how the XYZ color 14.7424, 10.1514, 12.7377 looks on a white background.

Color Contrast Check

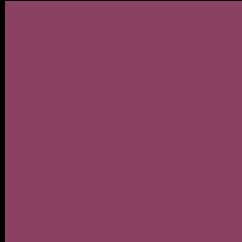
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.7424, 10.1514, 12.7377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

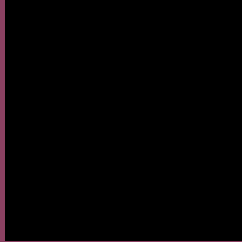
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.7424, 10.1514, 12.7377

Background



This preview shows how black text looks on a background with the XYZ color 14.7424, 10.1514, 12.7377.

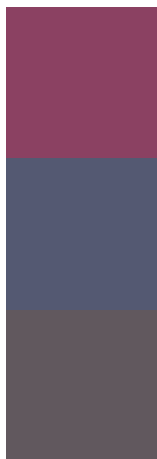


This preview shows how white text looks on a background with the XYZ color 14.7424, 10.1514,

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

14.7424, 10.1514, 12.7377

Protanopia

10.2658, 10.2445, 17.3559

Deuteranopia

10.4399, 10.3290, 12.0331



Tritanopia

13.7767, 10.2067, 7.9006

Trichromacy



Original Color

14.7424, 10.1514, 12.7377

Protanomaly

11.2844, 9.7631, 15.4771

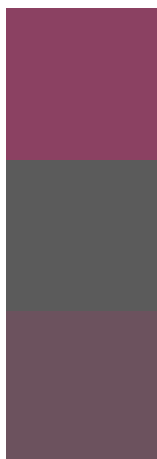
Deuteranomaly

11.6163, 10.0083, 12.1460

Tritanomaly

14.1097, 10.1621, 9.4014

Monochromacy



Original Color

14.7424, 10.1514, 12.7377

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

11.2220, 10.0309, 11.9344

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7424, 10.1514, 12.7377 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(139, 65, 98)` looks like.

```
.text, #text, p{  
    color:rgb(139, 65, 98)  
}
```

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(139, 65, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 65, 98) }
```

Border

The CSS property to change the border of an element to XYZ 14.7424, 10.1514, 12.7377 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(139, 65, 98) }
```


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

```
.border{ border-color:rgb(139, 65, 98) }
```

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

Here you see how a box with a 4 pixel rgb(139, 65, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 65, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 65, 98);  
box-shadow:4px 4px 4px 4px rgb(139, 65,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7424, 10.1514, 12.7377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 65, 98) }
```

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

```
.background{ background-color: rgb(139, 65,  
98) }
```

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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