

Converting Colors

XYZ(13.9074, 9.7612, 12.6213)

Have a look what the booklet for
XYZ(13.9074, 9.7612, 12.6213)
contains.

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Color

**XYZ(13.9264, 9.7308,
12.6995)**

Conversions

Conversions Part 1

Format	Color
Hex	864162
RGB	134, 65, 98
RGB Percent	53%, 25%, 38%
CMY	0.4745, 0.7451, 0.6157
CMYK	0.00, 0.51, 0.27, 0.47
HSL	331°, 35%, 39%
HSV	331°, 51%, 53%
XYZ	13.9264, 9.7308, 12.6995
YIQ	89.3930, 30.5310, 24.8910

Conversions

Conversions Part 2

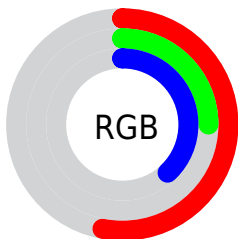
Format	Color
R_{YB}	134, 65, 98
Decimal	8798562
CIE Lab	37.35, 33.62, -5.73
CIE LCh	37, 34.101, 350.333
Yxy	9.7308, 0.3830, 0.2676
Android (android.graphics.Color)	4286988642 (0xFF864162)
YUV	89.3930, 4.2433, 39.1203
Hunter-Lab	31.1942, 25.0999, -2.3016

Details

The XYZ color **13.9264, 9.7308, 12.6995** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **13.0545, 19.1138, 15.3142**, and the grayscale version is **9.5691, 10.0675, 10.9635**.

A 20% lighter version of the original color is **32.5418, 25.2502, 31.5924**, and **4.2703, 2.3834, 3.4838** is the 20% darker color. If you saturate the color by 10%, you get **12.9306, 8.2446, 10.8094**, and if you desaturate by 10%, it is **15.1341, 11.5945, 14.8028**.

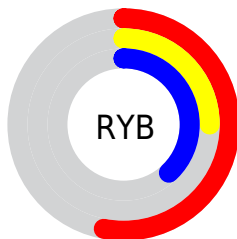
Distribution



Red (53%)

Green (25%)

Blue (38%)



Red (53%)

Yellow (25%)

Blue (38%)

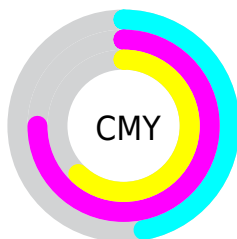


Cyan (0%)

Magenta (51%)

Yellow (27%)

Black (47%)



Cyan (47%)

Magenta (75%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9264, 9.7308, 12.6995 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 13.9264, 9.7308, 12.6995 by changing the saturation by 10% instead.

13.9264, 9.7308,
12.6995

13.9264, 9.7308,
12.6995

210.2923,
188.7398, 220.1225

8.1509, 5.2208,
7.0937

32.5457, 25.2879,
31.4461

4.2442, 2.3774,
3.4414

46.1202, 37.1039,
45.4239

1.8412, 0.8142,
1.3242

63.0251, 52.1239,
63.0295

0.5423, 0.0000,
0.0815

83.6257, 70.7325,
84.6814

0.0000, 0.0000,
0.0000

108.2873, 93.3140,
110.7981

137.3754,

120.2528, 141.7981

171.2553,
151.9332, 178.1001

■ 13.9264, 9.7308,
12.6995

■ 13.9264, 9.7308,
12.6995

■ 12.9306, 8.2446,
10.8094

■ 15.1341, 11.5945,
14.8028

■ 12.1321, 7.1080,
9.1236

■ 16.5655, 13.8583,
17.1263

■ 11.5154, 6.2914,
7.6333

■ 18.2322, 16.5445,
19.6775

■ 11.0624, 5.7597,
6.3286

■ 20.1451, 19.6735,
22.4631

■ 10.7593, 5.4394,
5.3458

■ 22.3142, 23.2644,
25.4897

■ 24.7488, 27.3349,
28.7635

■ 27.4579, 31.9021,
32.2905

■ 30.4502, 36.9821,
36.0763

■ 33.7336, 42.5902,
40.1265

Harmonies

Analogous

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



12.7911, 9.7308, 20.0366



13.9264, 9.7308, 12.6995



13.6680, 9.7308, 7.0056

Triad

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



13.9264, 9.7308, 12.6995



7.8916, 9.7308, 2.9420



6.8633, 9.7308, 22.4996

Complementary

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



13.9264, 9.7308, 12.6995



13.0545, 19.1138, 15.3142

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.



5.9025, 9.7308, 15.2395



13.9264, 9.7308, 12.6995



6.4296, 9.7308, 4.7132

Square

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



13.9264, 9.7308, 12.6995



9.9570, 9.7308, 2.7073



5.7570, 9.7308, 8.7372



8.5750, 9.7308, 26.9726

Rectangle

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



13.9264, 9.7308, 12.6995



12.7530, 9.7308, 4.6524



5.7570, 9.7308, 8.7372



6.4537, 9.7308, 20.1975

Sweetspot

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



13.9267, 9.7313, 12.6997



34.1468, 32.4509, 37.6432



11.5216, 8.2490, 23.5392



7.5570, 7.0884, 8.2828



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



13.9267, 9.7313, 12.6997



22.4930, 14.1053, 18.4612



12.7430, 9.3645, 6.1376



4.7584, 4.7231, 5.3402



10.0884, 5.0997, 5.0381



0.0386, 0.0191, 0.0367

Inverse Universe

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



13.9267, 9.7313, 12.6997



22.4930, 14.1053, 18.4612



14.8503, 19.5792, 25.5507



4.7584, 4.7231, 5.3402



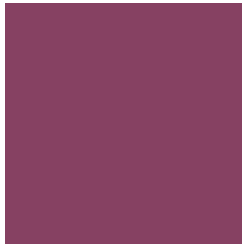
10.0884, 5.0997, 5.0381



0.0386, 0.0191, 0.0367

Previews

White Background



This preview shows how the XYZ color 13.9264, 9.7308, 12.6995 looks on a white background.

Color Contrast Check

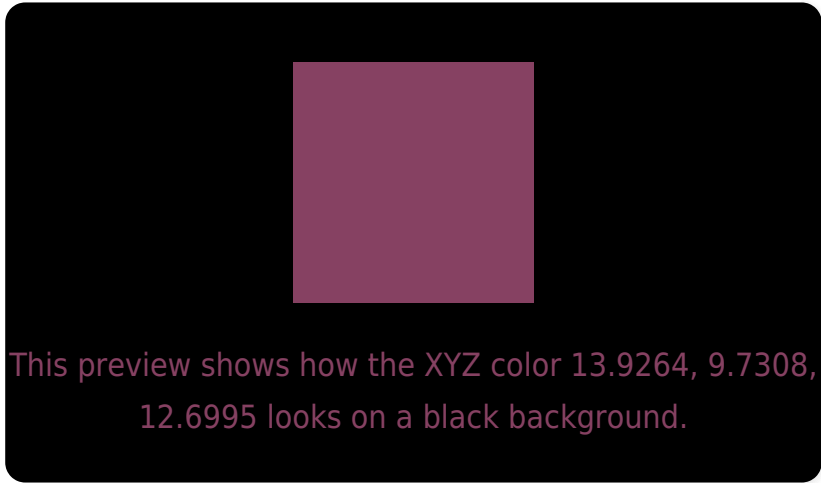
Large Text (above 18pt) WCAG AA ✓ Pass

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

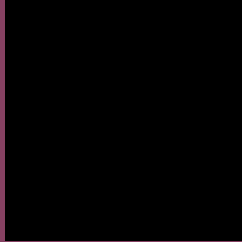
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.9264, 9.7308, 12.6995

Background



This preview shows how black text looks on a background with the XYZ color 13.9264, 9.7308, 12.6995.



This preview shows how white text looks on a background with the XYZ color 13.9264, 9.7308,

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

13.9264, 9.7308, 12.6995

Protanopia

9.9500, 9.9655, 17.0219

Deuteranopia

10.0094, 9.8615, 12.2024



Tritanopia

12.9759, 9.7939, 7.8631

Trichromacy



Original Color

13.9264, 9.7308, 12.6995

Protanomaly

10.9423, 9.5867, 15.4611

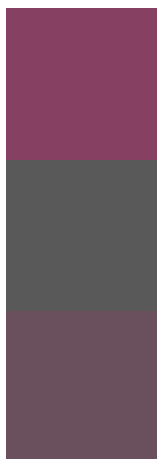
Deuteranomaly

11.1424, 9.5445, 12.3213

Tritanomaly

13.3013, 9.7453, 9.3636

Monochromacy



Original Color

13.9264, 9.7308, 12.6995

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

10.6261, 9.5133, 11.4014

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9264, 9.7308, 12.6995 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(134, 65, 98)` looks like.

```
.text, #text, p{  
    color:rgb(134, 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(134, 65, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 65, 98) }
```

Border

The CSS property to change the border of an element to XYZ 13.9264, 9.7308, 12.6995 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(134, 65, 98) }
```


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

```
.border{ border-color:rgb(134, 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(134, 65, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 65, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 65, 98);  
box-shadow:4px 4px 4px 4px rgb(134, 65,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9264, 9.7308, 12.6995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 65, 98) }
```

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

```
.background{ background-color: rgb(134, 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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