

Converting Colors

XYZ(19.2030, 14.1240, 17.6401)

Have a look what the booklet for
XYZ(19.2030, 14.1240, 17.6401)
contains.

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Color

**XYZ(19.2674, 14.1737,
17.6399)**

Conversions

Conversions Part 1

Format	Color
Hex	995372
RGB	153, 83, 114
RGB Percent	60%, 33%, 45%
CMY	0.4000, 0.6745, 0.5529
CMYK	0.00, 0.46, 0.25, 0.40
HSL	333°, 30%, 46%
HSV	333°, 46%, 60%
XYZ	19.2674, 14.1737, 17.6399
YIQ	107.4640, 31.7690, 24.4810

Conversions

Conversions Part 2

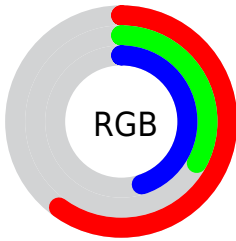
Format	Color
RYB	153, 83, 114
Decimal	10048370
CIELab	44.48, 33.02, -4.75
CIELCh	44, 33.365, 351.813
Yxy	14.1737, 0.3772, 0.2775
Android (android.graphics.Color)	4288238450 (0xFF995372)
YUV	107.4640, 3.2222, 39.9351
Hunter-Lab	37.6480, 25.4684, -1.4267

Details

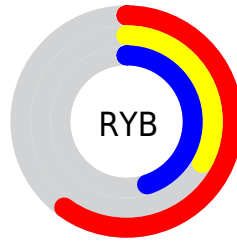
The XYZ color **19.2674, 14.1737, 17.6399** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **18.4720, 26.0270, 22.4637**, and the grayscale version is **14.0895, 14.8233, 16.1426**.

A 20% lighter version of the original color is **41.7025, 33.3587, 40.3173**, and **6.8109, 4.2467, 5.6150** is the 20% darker color. If you saturate the color by 10%, you get **17.7605, 11.9006, 14.8542**, and if you desaturate by 10%, it is **21.0786, 16.9829, 20.7505**.

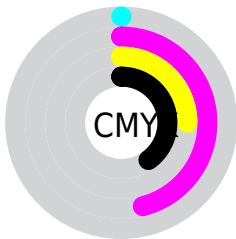
Distribution



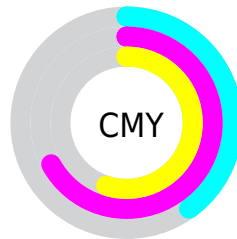
- Red (60%)
- Green (33%)
- Blue (45%)



- Red (60%)
- Yellow (33%)
- Blue (45%)



- Cyan (0%)
- Magenta (46%)
- Yellow (25%)
- Black (40%)



- Cyan (40%)
- Magenta (67%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2674, 14.1737, 17.6399 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 19.2674, 14.1737, 17.6399 by changing the saturation by 10% instead.

■ 19.2674, 14.1737,
17.6399

■ 19.2674, 14.1737,
17.6399

240.8309,
218.3088, 251.0010

■ 11.9688, 8.2416,
10.5250

■ 41.6988, 33.3969,
40.2284

■ 6.7945, 4.2499,
5.6383

■ 57.5624, 47.4568,
56.5390

■ 3.3791, 1.8143,
2.5612

■ 77.0117, 64.9947,
76.7520

■ 1.3573, 0.4961,
0.8723

■ 100.4120, 86.3951,
101.2859

■ 0.2255, 0.0000,
0.0000

■ 128.1287,
112.0423, 130.5592

■ 0.0000, 0.0000,
0.0000

160.5272,

142.3207, 164.9905

197.9728,
177.6147, 204.9982

■ 19.2674, 14.1737,
17.6399

■ 19.2674, 14.1737,
17.6399

■ 17.7605, 11.9006,
14.8542

■ 21.0786, 16.9829,
20.7505

■ 16.5384, 10.1267,
12.3803

■ 23.2098, 20.3579,
24.1967

■ 15.5809, 8.8136,
10.2054

■ 25.6769, 24.3285,
27.9894

■ 14.8645, 7.9164,
8.3150

■ 28.4943, 28.9220,
32.1389

■ 14.3570, 7.3733,
6.6914

■ 31.6757, 34.1639,
36.6551

■ 14.1728, 7.1867,
6.0696

■ 35.2339, 40.0782,
41.5472

■ 39.1812, 46.6877,
46.8243

■ 43.5291, 54.0143,
52.4950

■ 48.2889, 62.0787,
58.5678

Harmonies

Analogous

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



17.9599, 14.1737, 26.5220



19.2674, 14.1737, 17.6399



18.8670, 14.1737, 10.5569

Triad

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



19.2674, 14.1737, 17.6399



11.6397, 14.1737, 5.3606



10.5202, 14.1737, 30.2498

Complementary

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



19.2674, 14.1737, 17.6399



18.4720, 26.0270, 22.4637

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.



9.2175, 14.1737, 21.6175



19.2674, 14.1737, 17.6399



9.8014, 14.1737, 7.9666

Square

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



19.2674, 14.1737, 17.6399



14.2218, 14.1737, 4.9236



8.9731, 14.1737, 13.4178



12.7484, 14.1737, 35.2292

Rectangle

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



19.2674, 14.1737, 17.6399



17.7063, 14.1737, 7.5135



8.9731, 14.1737, 13.4178



9.9725, 14.1737, 27.5655

Sweetspot

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



19.2678, 14.1744, 17.6402



46.6872, 44.7096, 51.1793



16.7991, 12.5884, 31.6816



10.1001, 9.5337, 10.9875



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



19.2678, 14.1744, 17.6402



31.7249, 21.1910, 26.4434



18.0666, 14.1333, 9.9602



6.3168, 6.2659, 7.0481



11.7298, 5.9462, 5.1023



0.1933, 0.0961, 0.1705

Inverse Universe

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



19.2678, 14.1744, 17.6402



31.7249, 21.1910, 26.4434



20.1443, 25.7927, 34.0540



6.3168, 6.2659, 7.0481



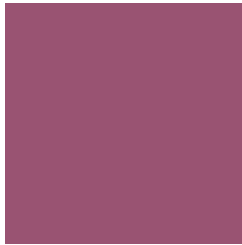
11.7298, 5.9462, 5.1023



0.1933, 0.0961, 0.1705

Previews

White Background



This preview shows how the XYZ color 19.2674, 14.1737, 17.6399 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

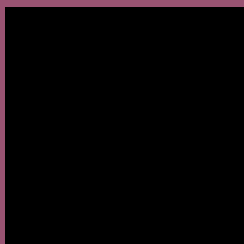
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.2674, 14.1737, 17.6399

Background



This preview shows how black text looks on a background with the XYZ color 19.2674, 14.1737, 17.6399.



This preview shows how white text looks on a background with the XYZ color 19.2674, 14.1737,

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

19.2674, 14.1737, 17.6399

Protanopia

14.3147, 14.4284, 22.4526

Deuteranopia

14.6589, 14.4256, 17.0507



Tritanopia

18.1465, 14.1860, 12.1377

Trichromacy



Original Color

19.2674, 14.1737, 17.6399

Protanomaly

15.5956, 13.9725, 20.6139

Deuteranomaly

16.0096, 14.1248, 17.2118

Tritanomaly

18.6256, 14.2706, 14.0847

Monochromacy



Original Color

19.2674, 14.1737, 17.6399

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

15.4943, 14.1462, 16.6657

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2674, 14.1737, 17.6399 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(153, 83, 114)` looks like.

```
.text, #text, p{  
    color:rgb(153, 83, 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(153, 83, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 83, 114) }
```

Border

The CSS property to change the border of an element to XYZ 19.2674, 14.1737, 17.6399 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(153, 83, 114) }
```


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

```
.border{ border-color:rgb(153, 83, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 83, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 83, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 83, 114);  
box-shadow:4px 4px 4px 4px rgb(153, 83,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2674, 14.1737, 17.6399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 83, 114) }
```

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

```
.background{ background-color: rgb(153, 83,  
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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